

Initial Calibration Report for SequenceID : FE080323AL

AreaCount

Parameter Range	FE043664.D	FE043665.D	FE043666.D	FE043667.D	FE043668.D	
Aliphatic C9-C12	48644035.000	24833615.000	9902865.000	4828529.000	2536053.000	
Aliphatic C12-C16	34089945.000	17374658.000	6907505.000	3370965.000	1767753.000	
Aliphatic C16-C21	52618602.000	26802880.000	10737261.000	5252511.000	2757648.000	
Aliphatic C21-C28	67808352.000	34555385.000	13909077.000	6809004.000	3553673.000	
Aliphatic C28-C40	85247387.000	43521696.000	17565682.000	8633724.000	4535446.000	
Aliphatic EPH	288408321.000	147088234.000	59022390.000	28894733.000	15150573.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	164554.6266664	1.932				
Aliphatic C12-C16	172441.496	1.826				
Aliphatic C16-C21	178392.4913332	1.983				
Aliphatic C21-C28	172814.0035	1.883				
Aliphatic C28-C40	145721.7829998	2.359				
Aliphatic EPH	163295.0587776	2.007				

Concentration

Parameter Range	FE043664.D	FE043665.D	FE043666.D	FE043667.D	FE043668.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE043664.D	FE043665.D	FE043666.D	FE043667.D	FE043668.D	
Aliphatic C9-C12	162146.783333	165557.433333	165047.750000	160950.966666	169070.200000	
Aliphatic C12-C16	170449.725000	173746.580000	172687.625000	168548.250000	176775.300000	
Aliphatic C16-C21	175395.340000	178685.866666	178954.350000	175083.700000	183843.200000	
Aliphatic C21-C28	169520.880000	172776.925000	173863.462500	170225.100000	177683.650000	
Aliphatic C28-C40	142078.978333	145072.320000	146380.683333	143895.400000	151181.533333	



284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Initial Calibration Report for SequenceID : FE080323AL

Aliphatic EPH	160226.845000	163431.371111	163951.083333	160526.294444	168339.700000	
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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043664.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 07:29
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 02 09:03:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:03:13 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.951	20344111	99.183 ug/ml
Spiked Amount 50.000		Recovery =	198.37%
12) S 1-chlorooctadecane (S...	13.388	15381199	99.067 ug/ml
Spiked Amount 50.000		Recovery =	198.13%
Target Compounds			
1) T n-Nonane (C9)	3.333	15861006	98.847 ug/ml
2) T n-Decane (C10)	4.585	16243161	99.146 ug/ml
3) T A~Naphthalene (C11.7)	6.285	17950620	99.193 ug/ml
4) T n-Dodecane (C12)	6.750	16539868	99.338 ug/ml
5) T A~2-methylnaphthalene...	7.381	17583406	99.267 ug/ml
6) T n-Tetradecane (C14)	8.576	16632893	99.333 ug/ml
7) T n-Hexadecane (C16)	10.187	17457052	99.362 ug/ml
8) T n-Octadecane (C18)	11.635	17903641	99.259 ug/ml
10) T n-Eicosane (C20)	12.943	17437657	99.028 ug/ml
11) T n-Heneicosane (C21)	13.557	17277304	98.692 ug/ml
13) T n-Docosane (C22)	14.143	17247842	98.952 ug/ml
14) T n-Tetracosane (C24)	15.248	17259964	98.834 ug/ml
15) T n-Hexacosane (C26)	16.269	16942118	98.648 ug/ml
16) T n-Octacosane (C28)	17.221	16358428	98.495 ug/ml
17) T n-Tricontane (C30)	18.110	16042864	97.919 ug/ml
18) T n-Dotriacontane (C32)	18.943	15201910	97.611 ug/ml
19) T n-Tetratriacontane (C34)	19.727	14400148	98.172 ug/ml
20) T n-Hexatriacontane (C36)	20.469	13603768	98.295 ug/ml
21) T n-Octatriacontane (C38)	21.214	13137977	99.217 ug/ml
22) T n-Tetracontane (C40)	22.142	12860720	100.235 ug/ml

(f)=RT Delta > 1/2 Window

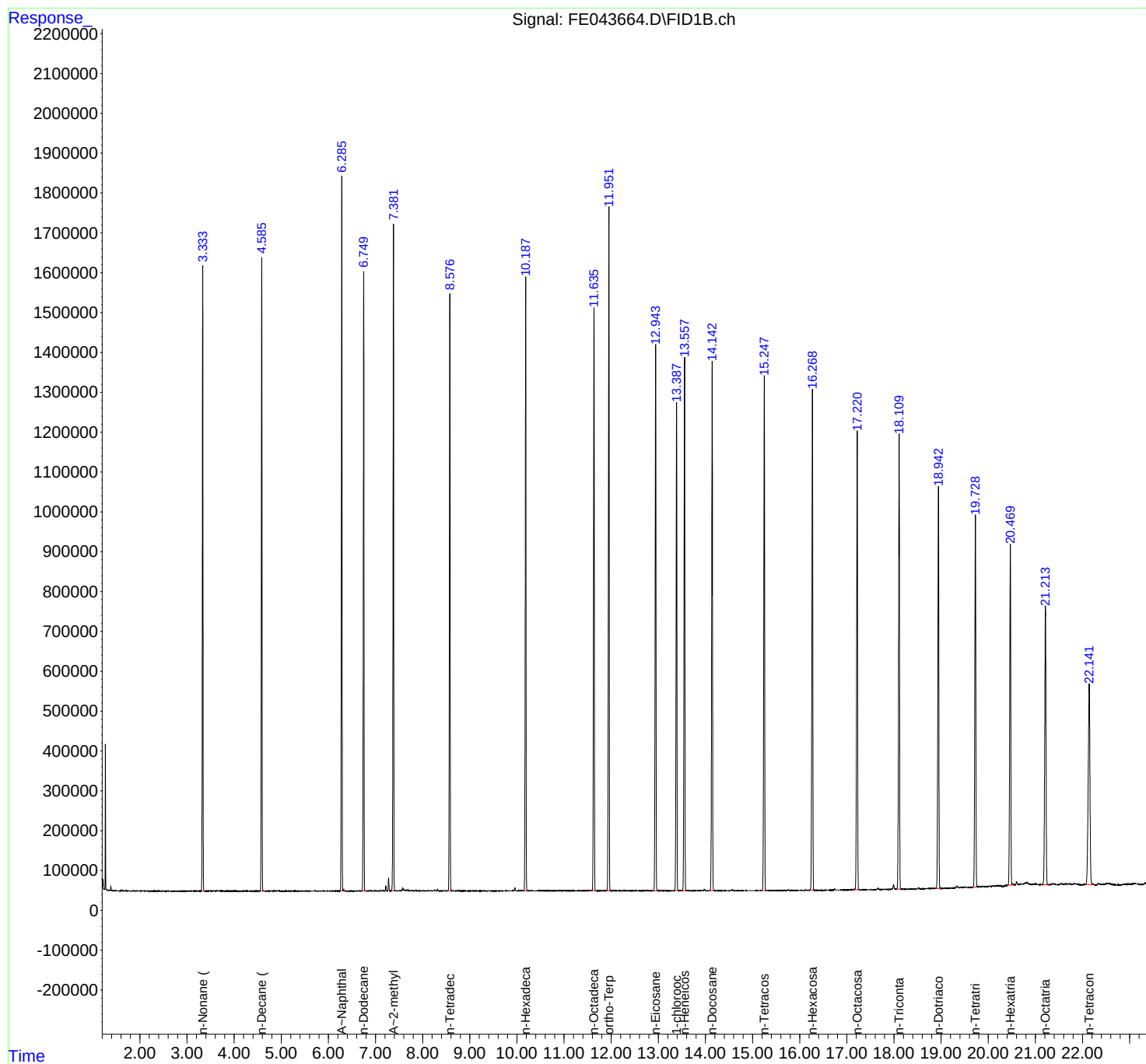
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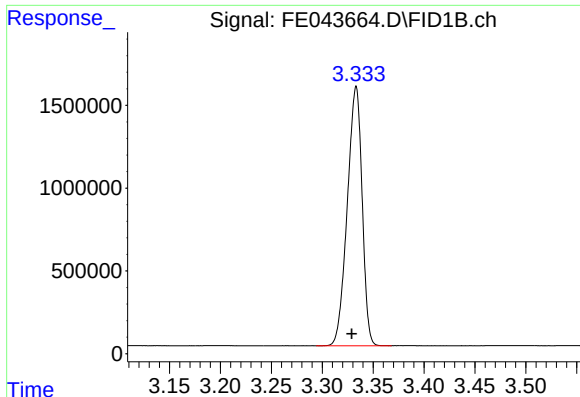
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
Data File : FE043664.D
Signal(s) : FID1B.ch
Acq On : 02 Aug 2023 07:29
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Aug 02 09:03:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
Quant Title : GC Extractables
QLast Update : Wed Aug 02 09:03:13 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

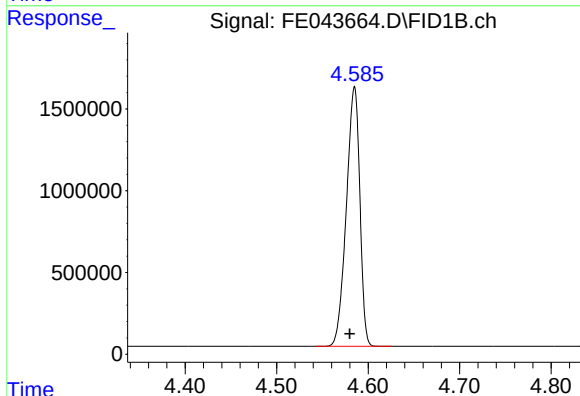




#1 n-Nonane (C9)

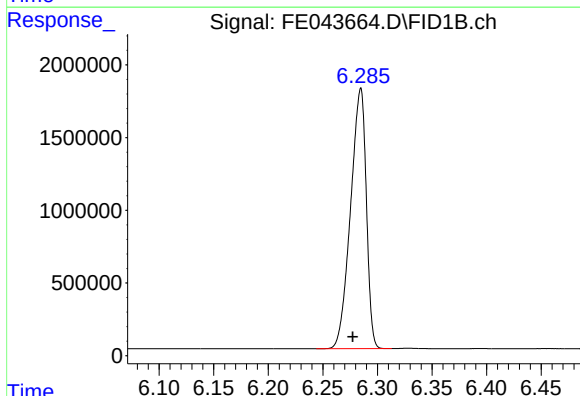
R.T.: 3.333 min
Delta R.T.: 0.004 min
Response: 15861006
Conc: 98.85 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



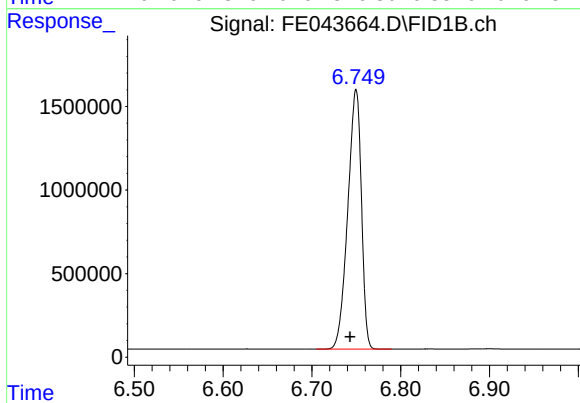
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: 0.005 min
Response: 16243161
Conc: 99.15 ug/ml



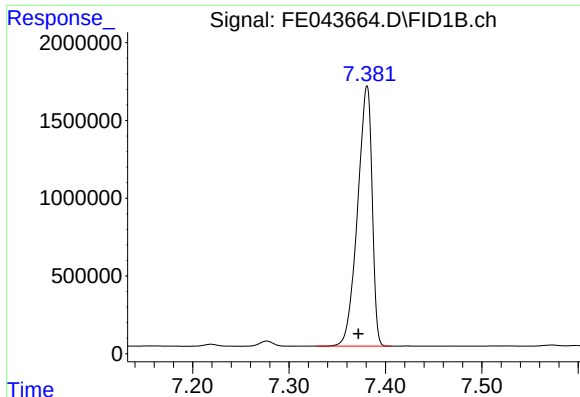
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: 0.007 min
Response: 17950620
Conc: 99.19 ug/ml



#4 n-Dodecane (C12)

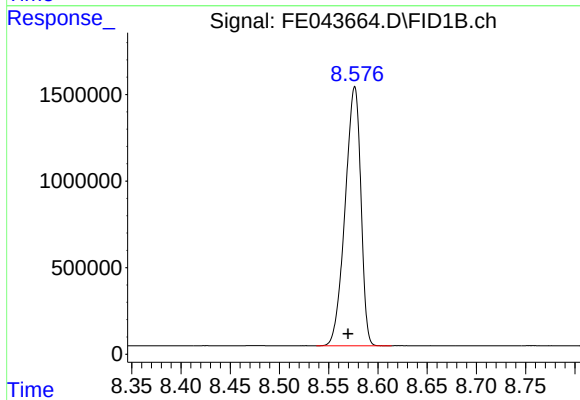
R.T.: 6.750 min
Delta R.T.: 0.007 min
Response: 16539868
Conc: 99.34 ug/ml



#5 A~2-methylnaphthalene (C12.89)

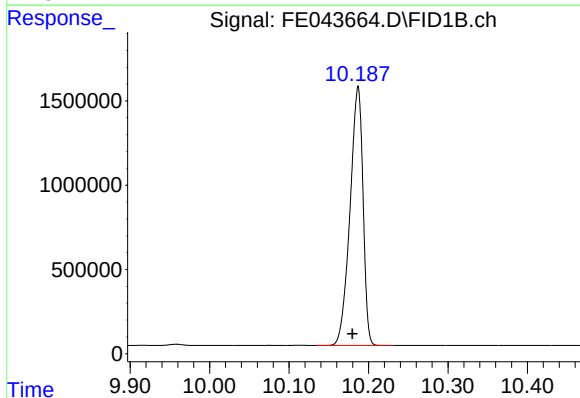
R.T.: 7.381 min
Delta R.T.: 0.009 min
Response: 17583406
Conc: 99.27 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



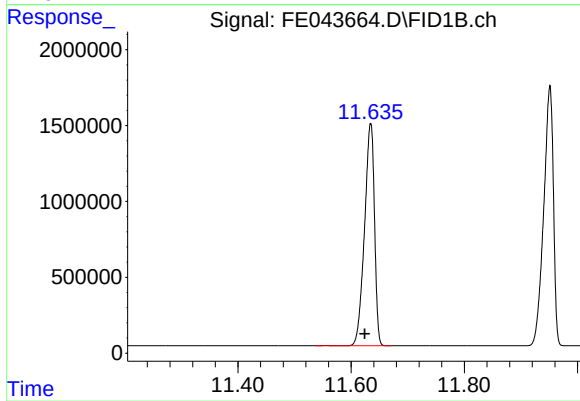
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: 0.007 min
Response: 16632893
Conc: 99.33 ug/ml



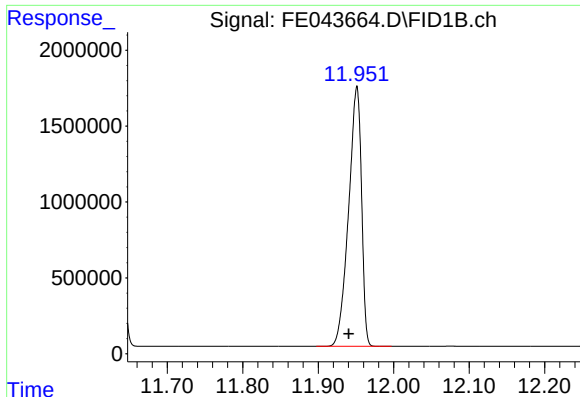
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: 0.007 min
Response: 17457052
Conc: 99.36 ug/ml



#8 n-Octadecane (C18)

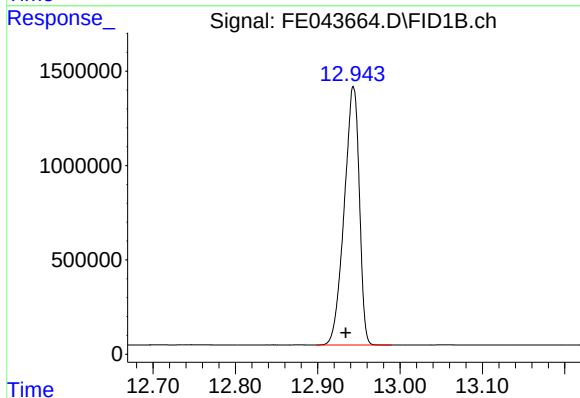
R.T.: 11.635 min
Delta R.T.: 0.011 min
Response: 17903641
Conc: 99.26 ug/ml



#9 ortho-Terphenyl (SURR)

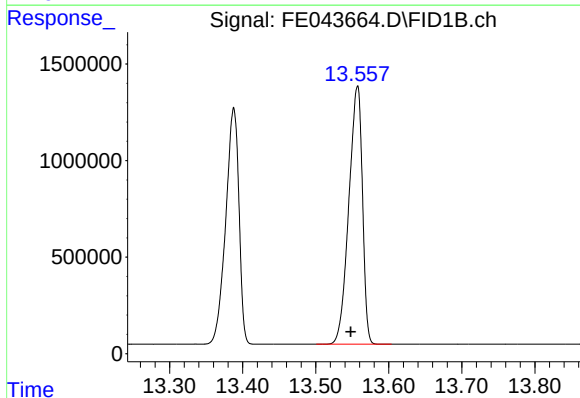
R.T.: 11.951 min
Delta R.T.: 0.011 min
Response: 20344111
Conc: 99.18 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



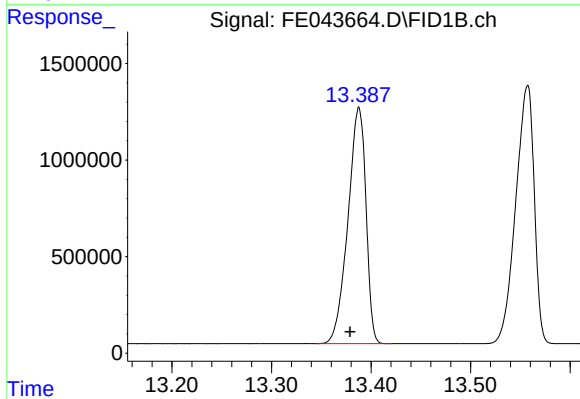
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.009 min
Response: 17437657
Conc: 99.03 ug/ml



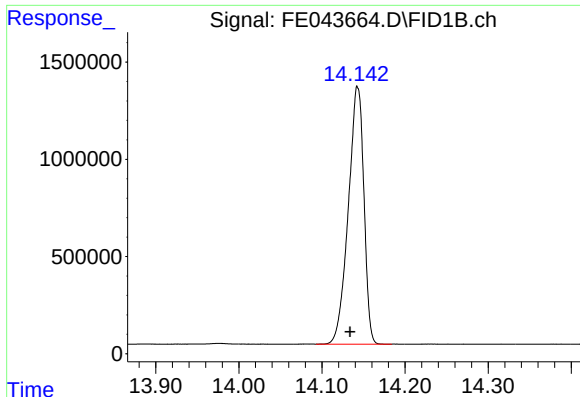
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.009 min
Response: 17277304
Conc: 98.69 ug/ml



#12 1-chlorooctadecane (SURR)

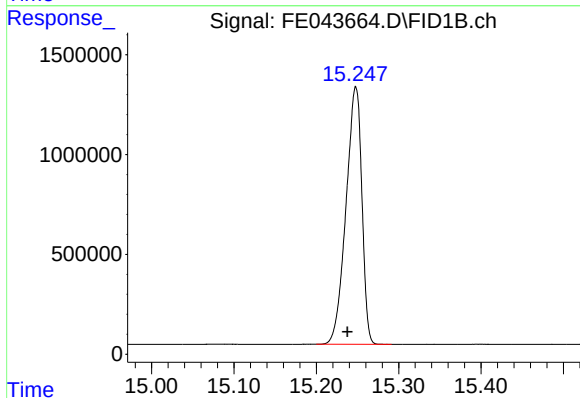
R.T.: 13.388 min
Delta R.T.: 0.009 min
Response: 15381199
Conc: 99.07 ug/ml



#13 n-Docosane (C22)

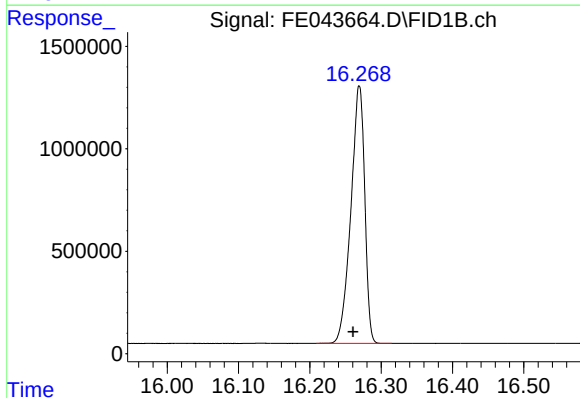
R.T.: 14.143 min
Delta R.T.: 0.009 min
Response: 17247842
Conc: 98.95 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



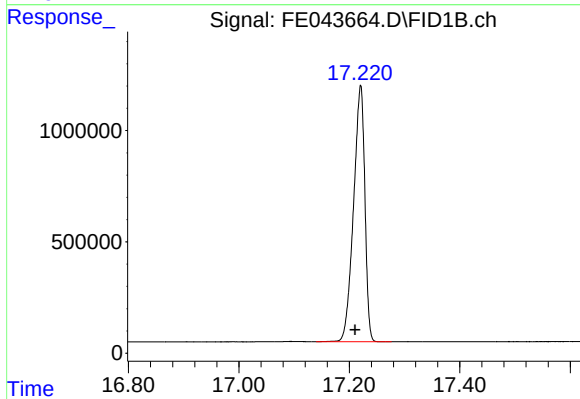
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: 0.010 min
Response: 17259964
Conc: 98.83 ug/ml



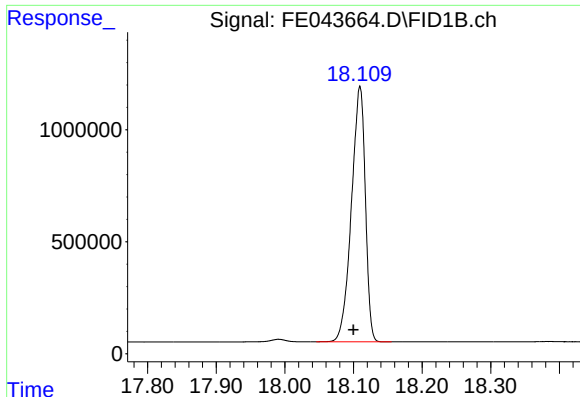
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: 0.009 min
Response: 16942118
Conc: 98.65 ug/ml



#16 n-Octacosane (C28)

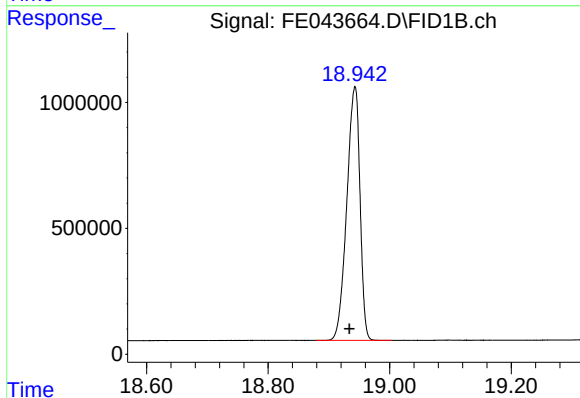
R.T.: 17.221 min
Delta R.T.: 0.010 min
Response: 16358428
Conc: 98.49 ug/ml



#17 n-Tricontane (C30)

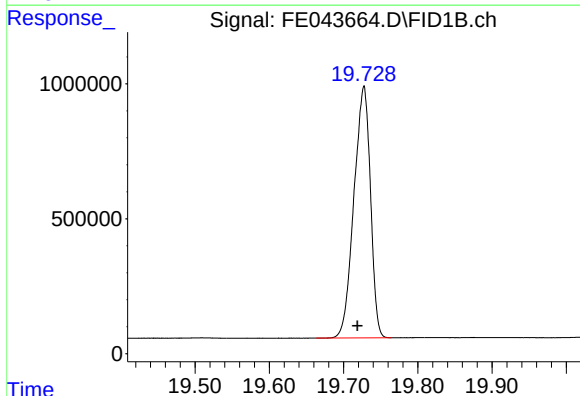
R.T.: 18.110 min
Delta R.T.: 0.010 min
Response: 16042864
Conc: 97.92 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



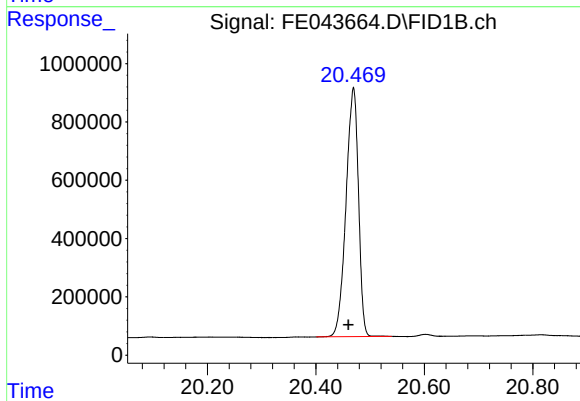
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: 0.009 min
Response: 15201910
Conc: 97.61 ug/ml



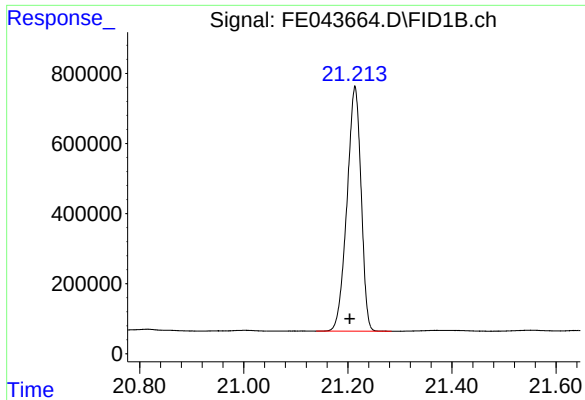
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: 0.009 min
Response: 14400148
Conc: 98.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.010 min
Response: 13603768
Conc: 98.29 ug/ml



#21 n-Octatriacontane (C38)

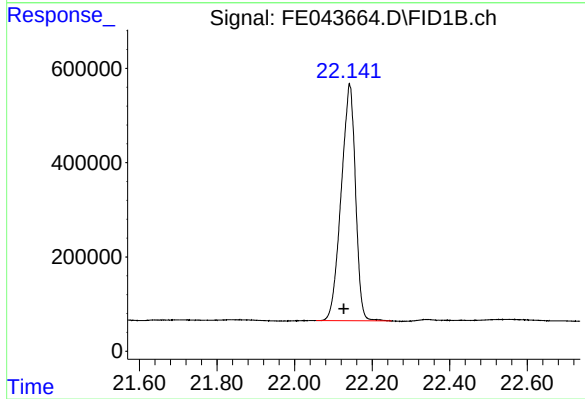
R.T.: 21.214 min
Delta R.T.: 0.010 min
Response: 13137977
Conc: 99.22 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: 0.015 min
Response: 12860720
Conc: 100.23 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043664.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 07:29
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.333	3.294	3.368	BB	1567467	15861006	77.96%	4.410%
2	4.585	4.543	4.626	BB	1588311	16243161	79.84%	4.516%
3	6.285	6.244	6.313	BV	1794208	17950620	88.23%	4.991%
4	6.750	6.705	6.790	BB	1554095	16539868	81.30%	4.599%
5	7.381	7.328	7.406	BB	1673751	17583406	86.43%	4.889%
6	8.576	8.537	8.614	BB	1498256	16632893	81.76%	4.625%
7	10.187	10.134	10.229	BB	1542643	17457052	85.81%	4.854%
8	11.635	11.538	11.671	BB	1463708	17903641	88.00%	4.978%
9	11.951	11.897	11.997	BB	1717158	20344111	100.00%	5.656%
10	12.943	12.898	12.990	BB	1369455	17437657	85.71%	4.848%
11	13.388	13.345	13.421	BB	1225475	15381199	75.61%	4.277%
12	13.557	13.501	13.604	BB	1337132	17277304	84.93%	4.804%
13	14.143	14.093	14.184	BB	1318140	17247842	84.78%	4.795%
14	15.248	15.200	15.291	BB	1289971	17259964	84.84%	4.799%
15	16.269	16.209	16.315	BB	1257349	16942118	83.28%	4.710%
16	17.221	17.140	17.276	BB	1151038	16358428	80.41%	4.548%
17	18.110	18.046	18.156	BB	1141942	16042864	78.86%	4.460%
18	18.943	18.879	19.003	BB	1008873	15201910	74.72%	4.227%
19	19.727	19.663	19.765	BB	933129	14400148	70.78%	4.004%
20	20.469	20.401	20.540	BB	855512	13603768	66.87%	3.782%
21	21.214	21.139	21.284	BB	699542	13137977	64.58%	3.653%
22	22.142	22.056	22.250	BBA	503043	12860720	63.22%	3.576%
Sum of corrected areas:						359667659		

Aliphatic EPH 080323.M Wed Aug 02 10:59:07 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043665.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 07:59
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :Ankita Jodhani 08/03/2023

Integration File: autoint1.e
 Quant Time: Aug 02 09:05:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:04:51 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.944	10361278	50.342 ug/ml
Spiked Amount 50.000		Recovery =	100.68%
12) S 1-chlorooctadecane (S...	13.383	7827543	50.276 ug/ml
Spiked Amount 50.000		Recovery =	100.55%
Target Compounds			
1) T n-Nonane (C9)	3.330	8106525	50.346 ug/ml
2) T n-Decane (C10)	4.582	8291386	50.405 ug/ml
3) T A~Naphthalene (C11.7)	6.279	9174186	50.462 ug/ml
4) T n-Dodecane (C12)	6.746	8435704	50.441 ug/ml
5) T A~2-methylnaphthalene...	7.376	8981121	50.466 ug/ml
6) T n-Tetradecane (C14)	8.573	8480313	50.428 ug/ml
7) T n-Hexadecane (C16)	10.183	8894345	50.415 ug/ml
8) T n-Octadecane (C18)	11.628	9112850	50.347 ug/ml
10) T n-Eicosane (C20)	12.938	8881126	50.290 ug/ml
11) T n-Heneicosane (C21)	13.551	8808904	50.212 ug/ml
13) T n-Docosane (C22)	14.138	8782212	50.255 ug/ml
14) T n-Tetracosane (C24)	15.241	8789128	50.218 ug/ml
15) T n-Hexacosane (C26)	16.264	8634591	50.184 ug/ml
16) T n-Octacosane (C28)	17.215	8349454	50.181 ug/ml
17) T n-Tricontane (C30)	18.103	8208699	50.068 ug/ml
18) T n-Dotriacontane (C32)	18.937	7803508	50.071 ug/ml
19) T n-Tetratriacontane (C34)	19.722	7387273	50.241 ug/ml
20) T n-Hexatriacontane (C36)	20.463	6953957	50.164 ug/ml
21) T n-Octatriacontane (C38)	21.208	6691817	50.356 ug/ml
22) T n-Tetracontane (C40)	22.131	6476442	50.339 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
Data File : FE043665.D
Signal(s) : FID1B.ch
Acq On : 02 Aug 2023 07:59
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 3 Sample Multiplier: 1

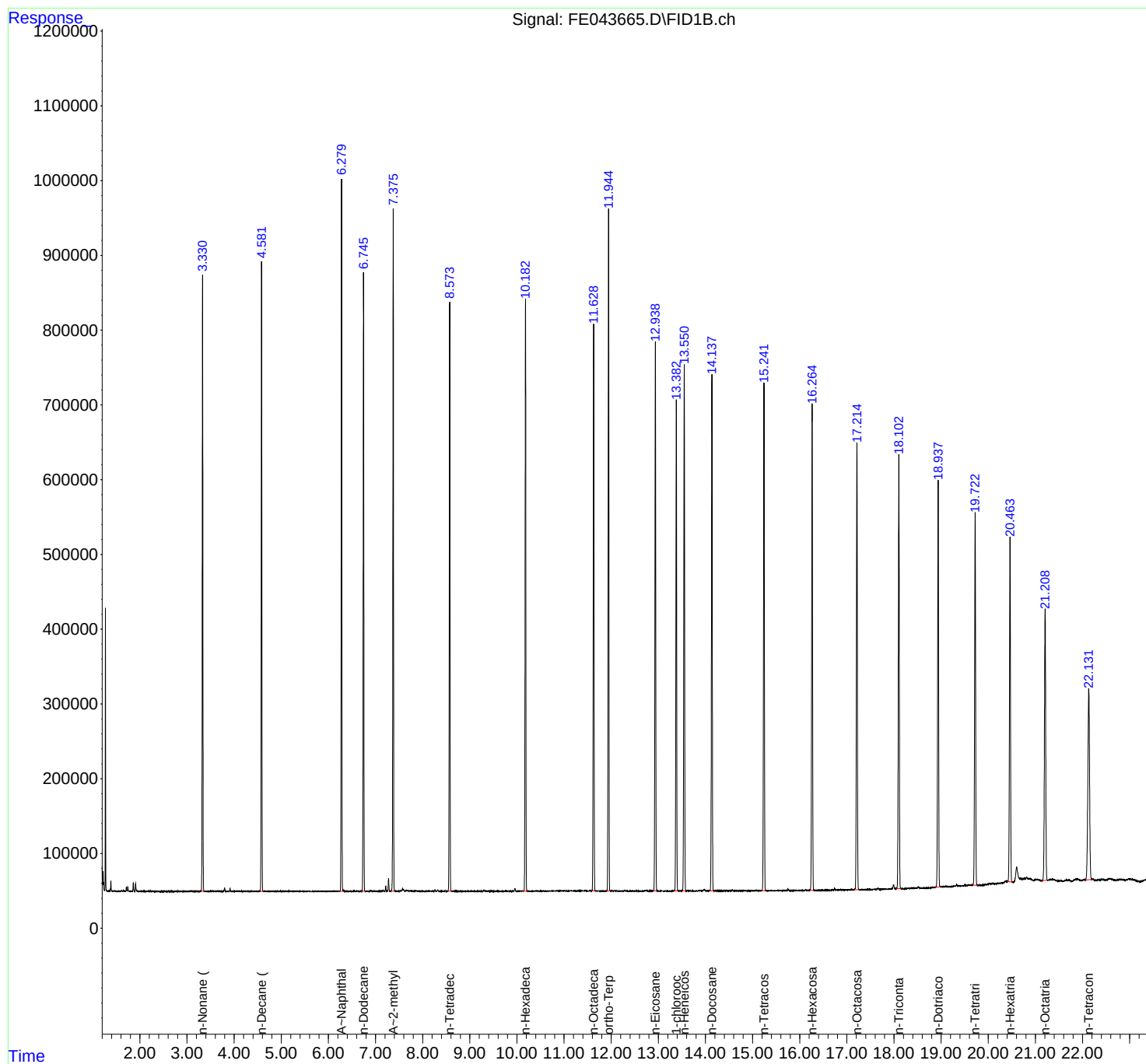
Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

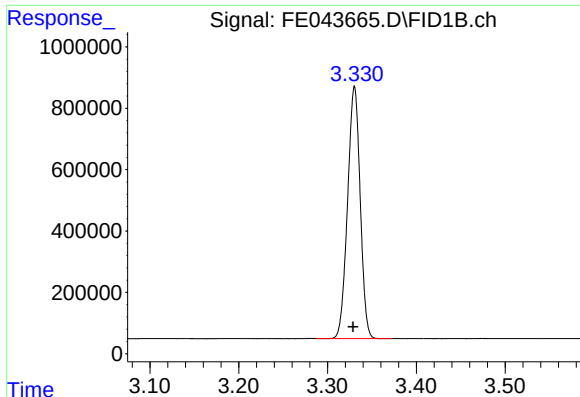
Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 08/03/2023
Supervised By : Ankita Jodhani 08/03/2023

Integration File: autoint1.e
Quant Time: Aug 02 09:05:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
Quant Title : GC Extractables
QLast Update : Wed Aug 02 09:04:51 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





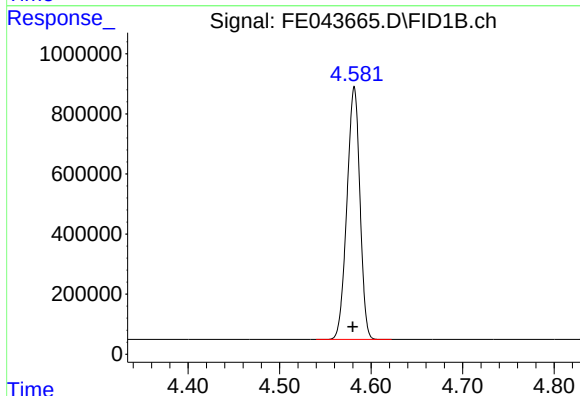
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.001 min
Response: 8106525
Conc: 50.35 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

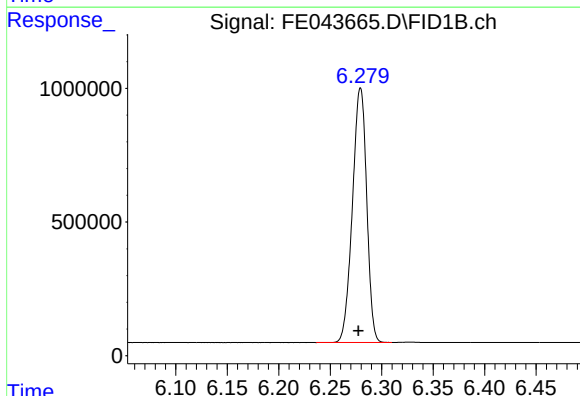
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023



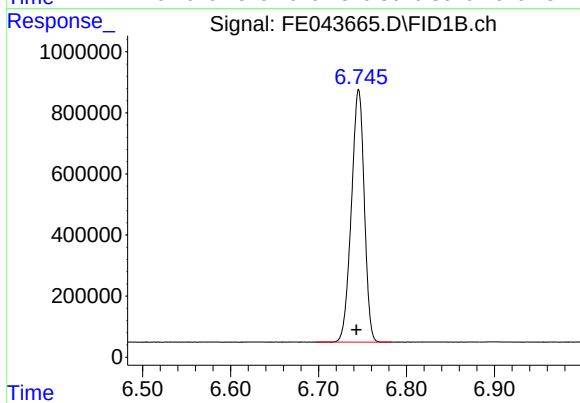
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: 0.002 min
Response: 8291386
Conc: 50.40 ug/ml



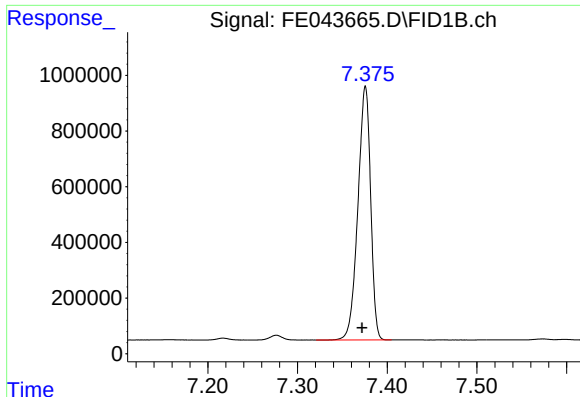
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.002 min
Response: 9174186
Conc: 50.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: 0.002 min
Response: 8435704
Conc: 50.44 ug/ml



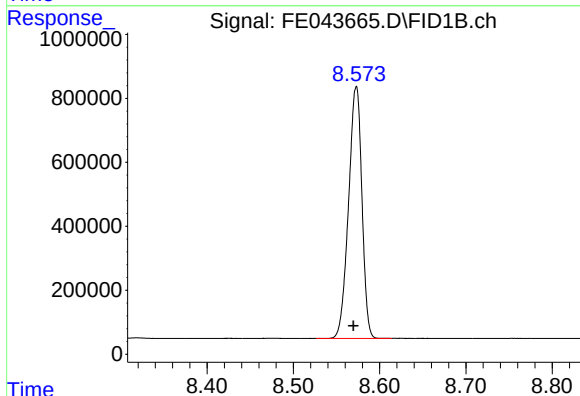
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.376 min
Delta R.T.: 0.004 min
Response: 8981121
Conc: 50.47 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

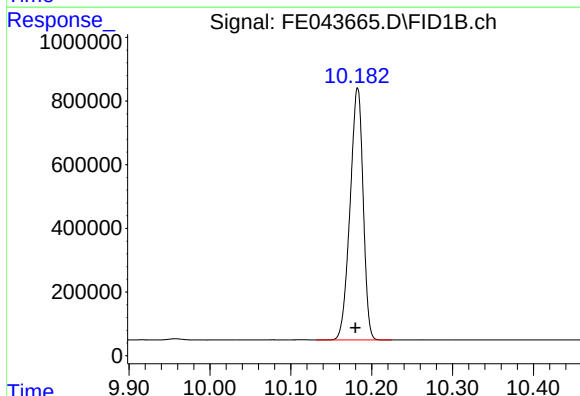
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023



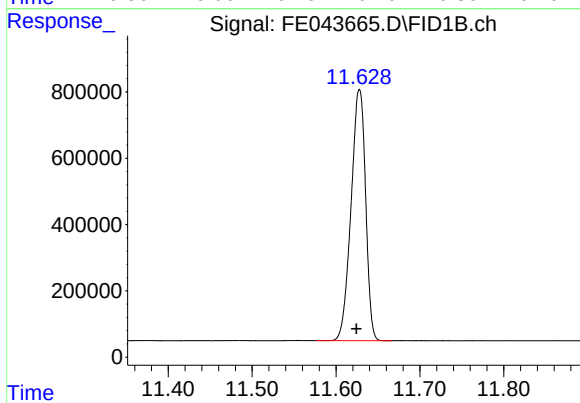
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: 0.003 min
Response: 8480313
Conc: 50.43 ug/ml



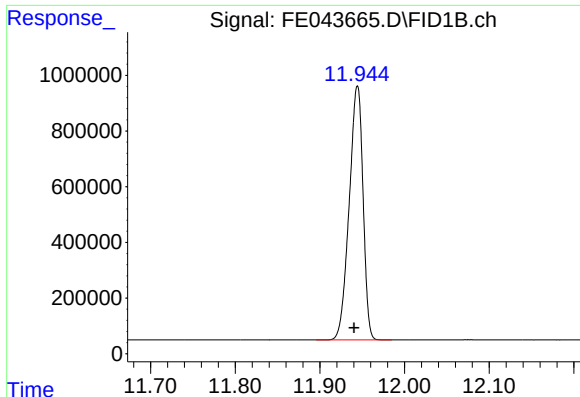
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: 0.003 min
Response: 8894345
Conc: 50.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: 0.004 min
Response: 9112850
Conc: 50.35 ug/ml



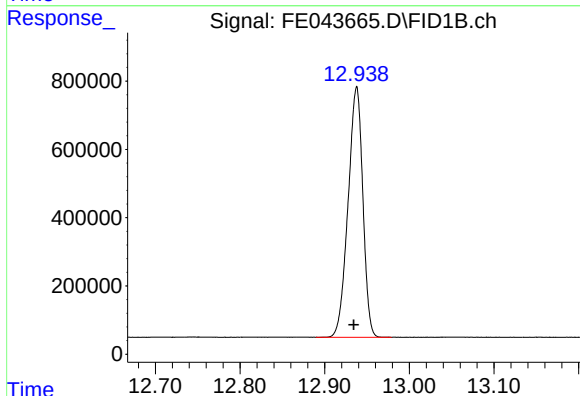
#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.004 min
Response: 10361278
Conc: 50.34 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

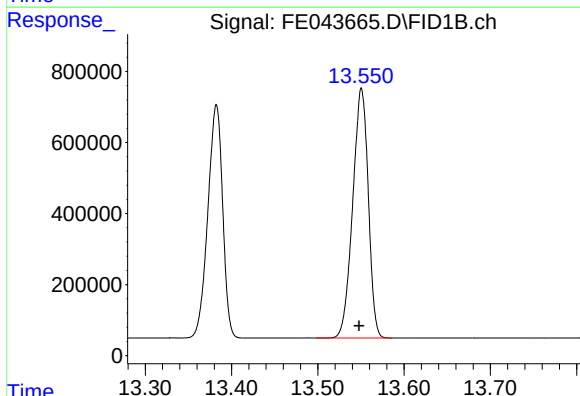
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023



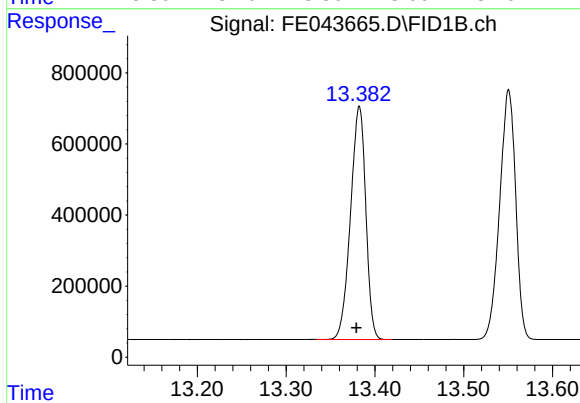
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: 0.003 min
Response: 8881126
Conc: 50.29 ug/ml



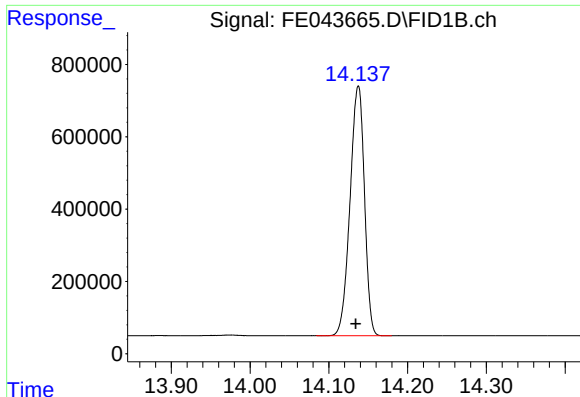
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: 0.003 min
Response: 8808904
Conc: 50.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: 0.003 min
Response: 7827543
Conc: 50.28 ug/ml



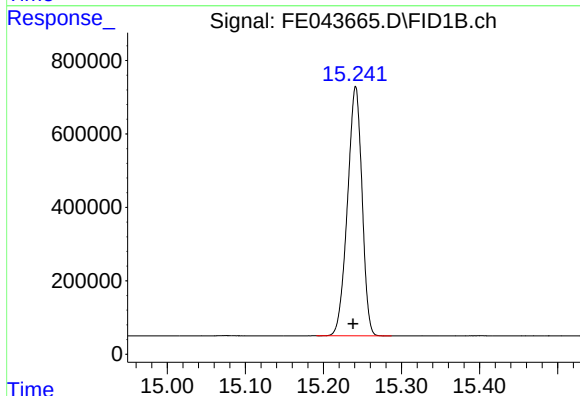
#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: 0.003 min
Response: 8782212
Conc: 50.26 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

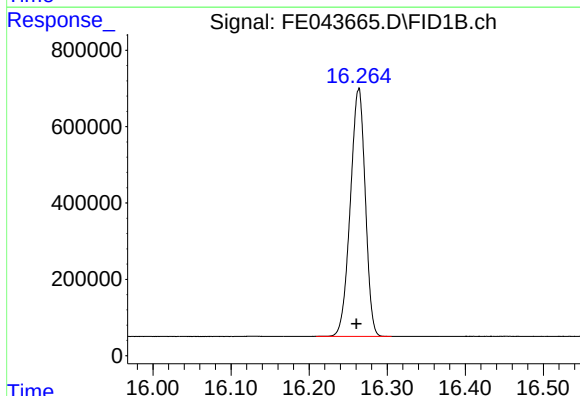
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023



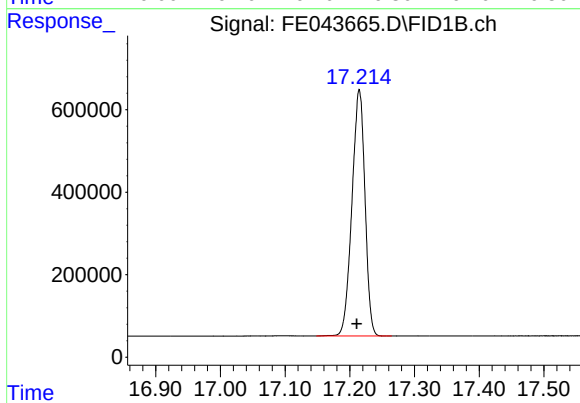
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: 0.004 min
Response: 8789128
Conc: 50.22 ug/ml



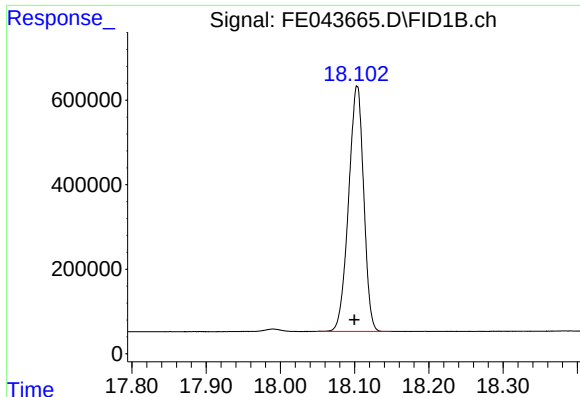
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: 0.003 min
Response: 8634591
Conc: 50.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.215 min
Delta R.T.: 0.004 min
Response: 8349454
Conc: 50.18 ug/ml



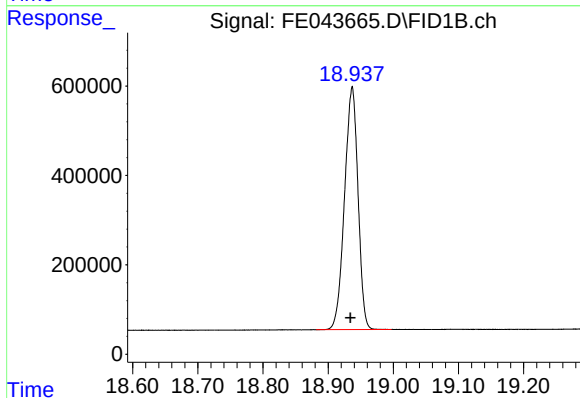
#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: 0.004 min
Response: 8208699
Conc: 50.07 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

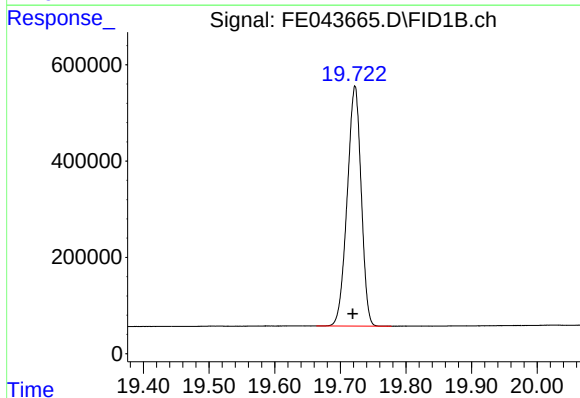
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023



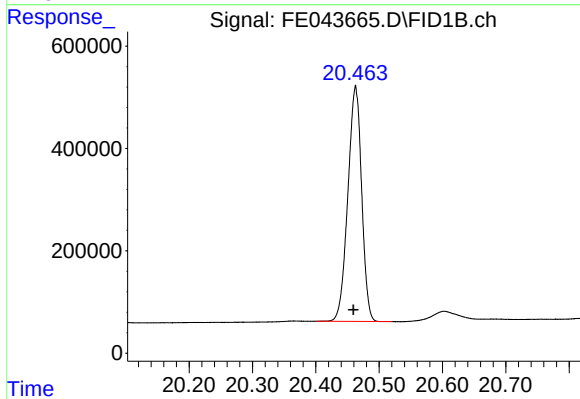
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: 0.003 min
Response: 7803508
Conc: 50.07 ug/ml



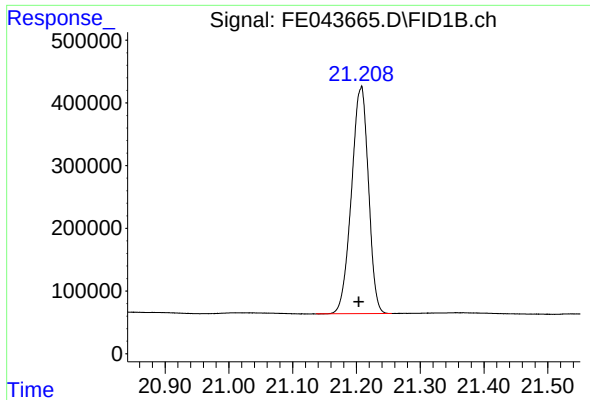
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.004 min
Response: 7387273
Conc: 50.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.003 min
Response: 6953957
Conc: 50.16 ug/ml



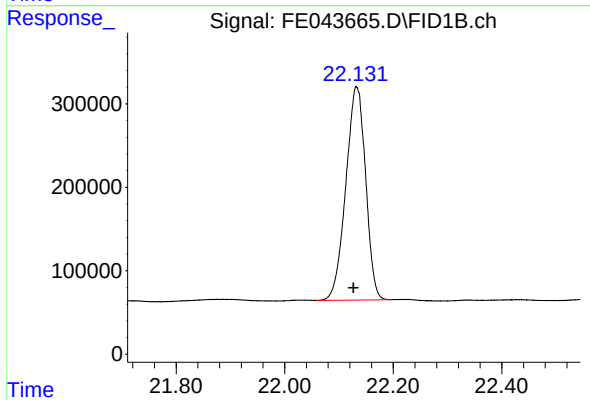
#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.004 min
Response: 6691817
Conc: 50.36 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023



#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: 0.004 min
Response: 6476442
Conc: 50.34 ug/ml m

Instrument :
FID_E
LabSampleId :
50 PPM ALIPHATIC HC STD2

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE
Data File : FE043665.D
Signal(s) : FID1B.ch
Acq On : 02 Aug 2023 07:59
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.330	3.287	3.372	BB	823311	8106525	78.24%	4.420%
2	4.582	4.540	4.622	BB	842176	8291386	80.02%	4.520%
3	6.279	6.237	6.310	BV	953702	9174186	88.54%	5.002%
4	6.746	6.697	6.783	BB	827360	8435704	81.42%	4.599%
5	7.376	7.321	7.405	BB	912389	8981121	86.68%	4.896%
6	8.573	8.527	8.614	BB	788317	8480313	81.85%	4.623%
7	10.183	10.132	10.225	BB	791881	8894345	85.84%	4.849%
8	11.628	11.577	11.667	BB	758294	9112850	87.95%	4.968%
9	11.944	11.896	11.985	BB	912285	10361278	100.00%	5.649%
10	12.938	12.890	12.979	BB	736245	8881126	85.71%	4.842%
11	13.383	13.334	13.419	BB	656831	7827543	75.55%	4.268%
12	13.551	13.498	13.586	BB	703688	8808904	85.02%	4.803%
13	14.138	14.084	14.180	BB	690810	8782212	84.76%	4.788%
14	15.241	15.191	15.287	BB	678995	8789128	84.83%	4.792%
15	16.264	16.209	16.306	BB	650609	8634591	83.34%	4.708%
16	17.215	17.148	17.265	BB	597940	8349454	80.58%	4.552%
17	18.103	18.048	18.150	BB	580348	8208699	79.22%	4.475%
18	18.937	18.882	18.997	BB	545024	7803508	75.31%	4.254%
19	19.722	19.663	19.778	BB	498413	7387273	71.30%	4.028%
20	20.463	20.401	20.520	BB	461815	6953957	67.11%	3.791%
21	21.208	21.137	21.255	BB	364359	6691817	64.58%	3.648%
22	22.131	22.057	22.198	M	256078	6464497	62.39%	3.524%
Sum of corrected areas:						183420416		

Aliphatic EPH 080323.M Wed Aug 02 16:16:43 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043666.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 08:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 02 09:01:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:01:15 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.940	4135842	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.379	3134159	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.329	3246189	20.000 ug/ml
2) T n-Decane (C10)	4.580	3304594	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3648515	20.000 ug/ml
4) T n-Dodecane (C12)	6.743	3352082	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.372	3568635	20.000 ug/ml
6) T n-Tetradecane (C14)	8.570	3371240	20.000 ug/ml
7) T n-Hexadecane (C16)	10.180	3536265	20.000 ug/ml
8) T n-Octadecane (C18)	11.624	3634187	20.000 ug/ml
10) T n-Eicosane (C20)	12.934	3556008	20.000 ug/ml
11) T n-Heneicosane (C21)	13.548	3547066	20.000 ug/ml
13) T n-Docosane (C22)	14.134	3522646	20.000 ug/ml
14) T n-Tetracosane (C24)	15.238	3533451	20.000 ug/ml
15) T n-Hexacosane (C26)	16.260	3481294	20.000 ug/ml
16) T n-Octacosane (C28)	17.211	3371686	20.000 ug/ml
17) T n-Tricontane (C30)	18.100	3344942	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.934	3189197	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2987267	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.460	2815147	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.204	2669042	20.000 ug/ml
22) T n-Tetracontane (C40)	22.127	2560087	20.000 ug/ml

(f)=RT Delta > 1/2 Window

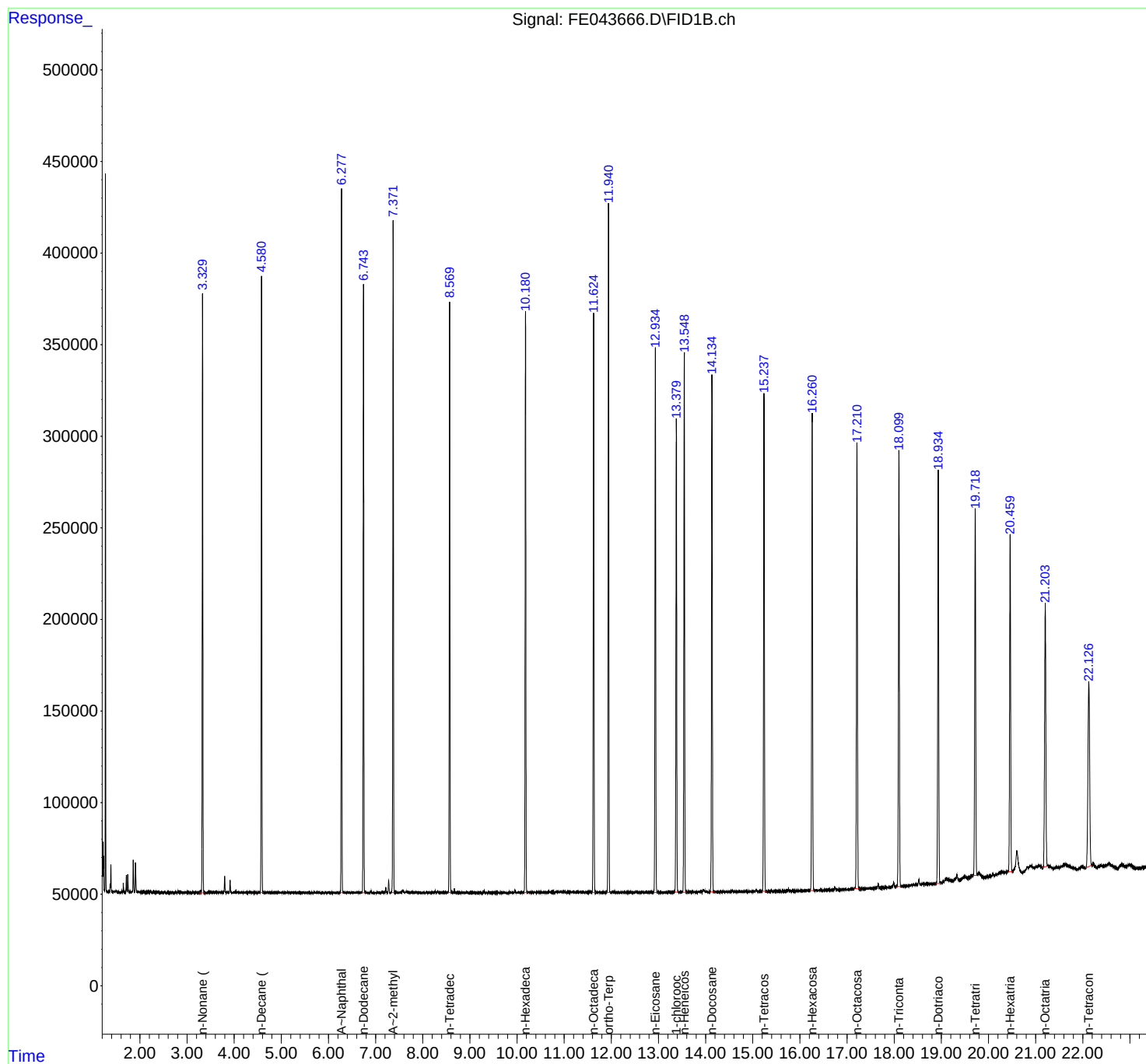
(m)=manual int.

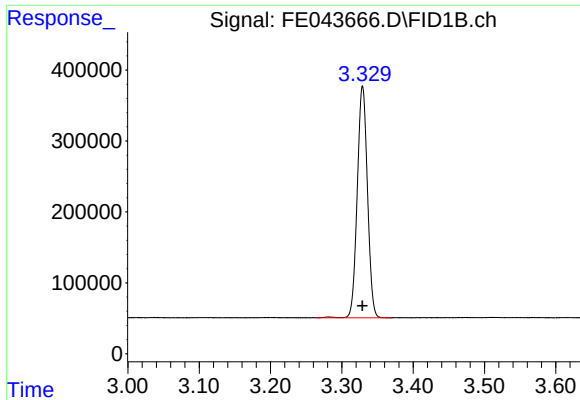
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
Data File : FE043666.D
Signal(s) : FID1B.ch
Acq On : 02 Aug 2023 08:29
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Aug 02 09:01:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
Quant Title : GC Extractables
QLast Update : Wed Aug 02 09:01:15 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

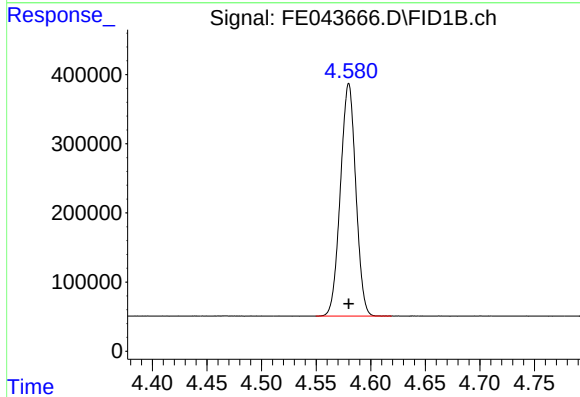




#1 n-Nonane (C9)

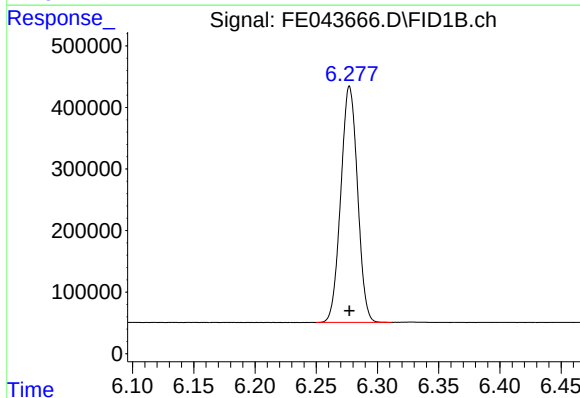
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3246189
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



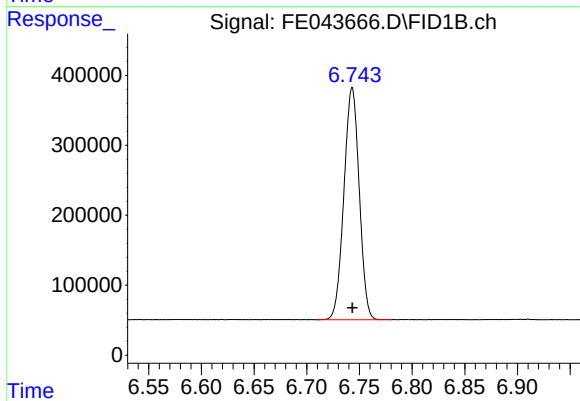
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 3304594
Conc: 20.00 ug/ml



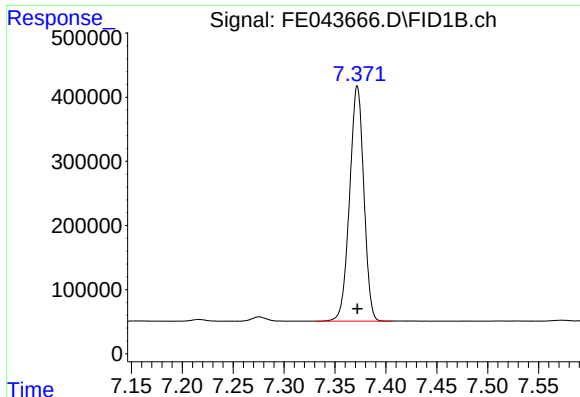
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3648515
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

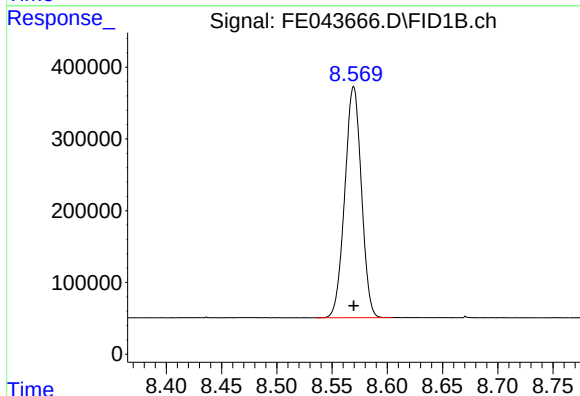
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 3352082
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

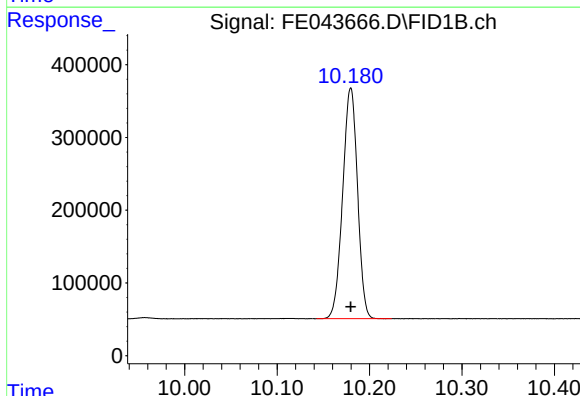
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 3568635
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



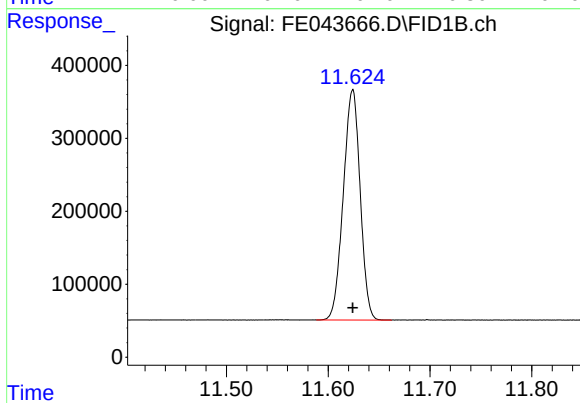
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 3371240
Conc: 20.00 ug/ml



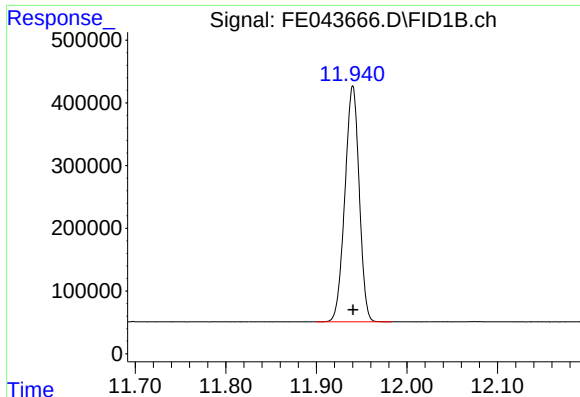
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: 0.000 min
Response: 3536265
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

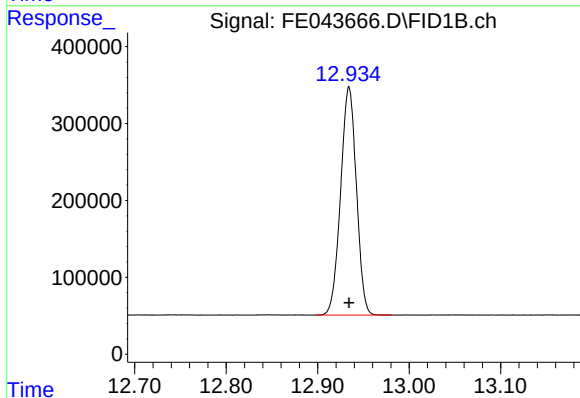
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 3634187
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

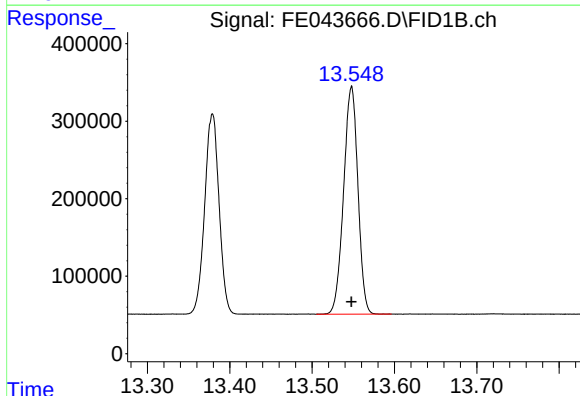
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 4135842
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



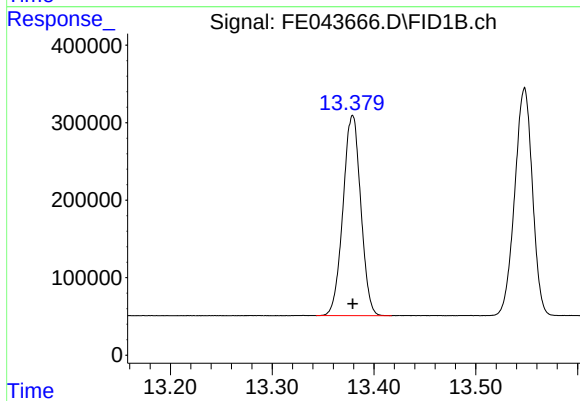
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 3556008
Conc: 20.00 ug/ml



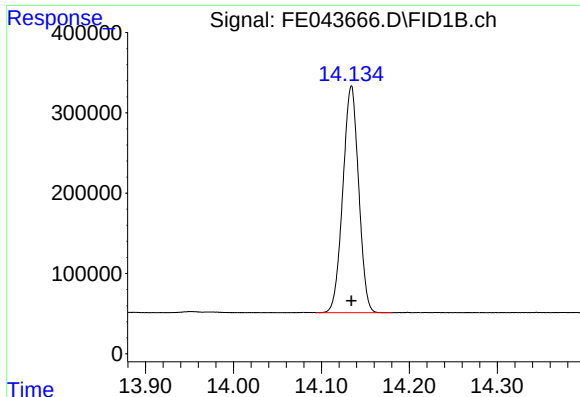
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: 0.000 min
Response: 3547066
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

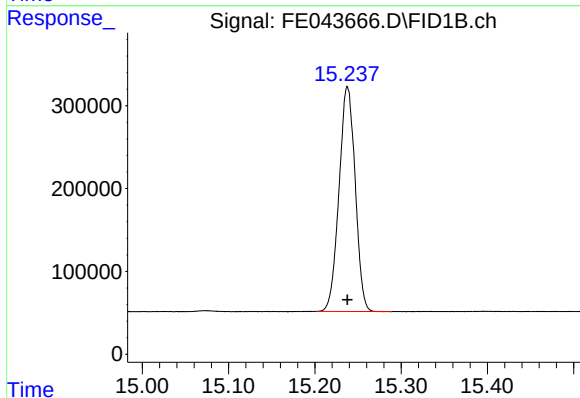
R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 3134159
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

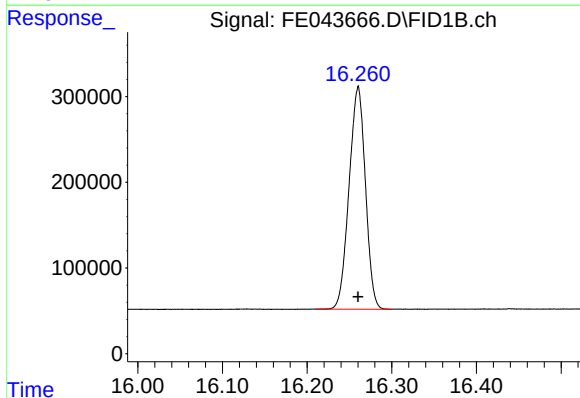
R.T.: 14.134 min
Delta R.T.: 0.000 min
Response: 3522646
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



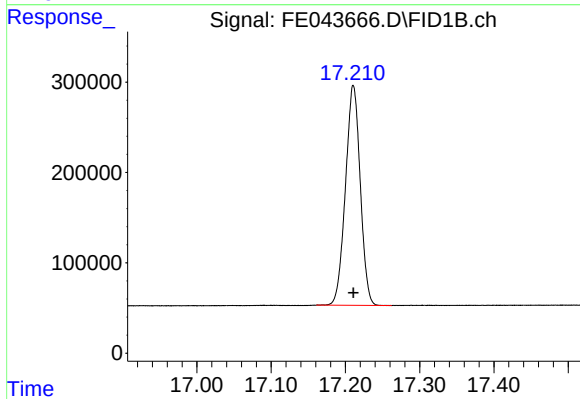
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3533451
Conc: 20.00 ug/ml



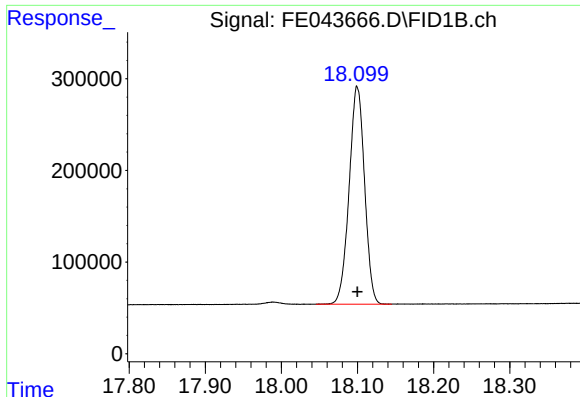
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 3481294
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

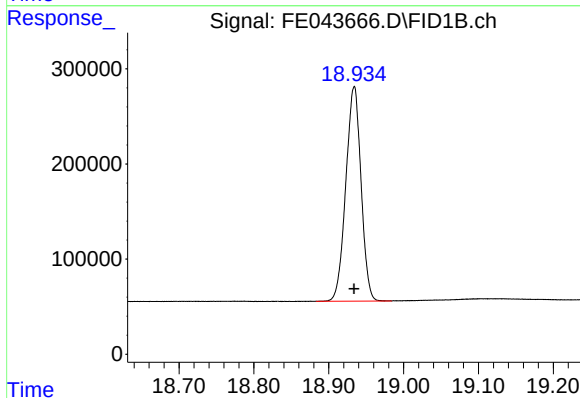
R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 3371686
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

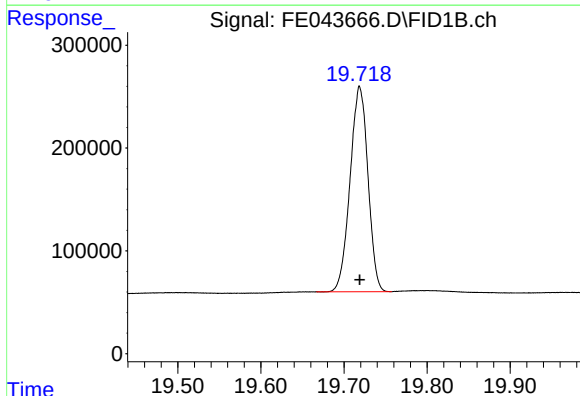
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 3344942
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



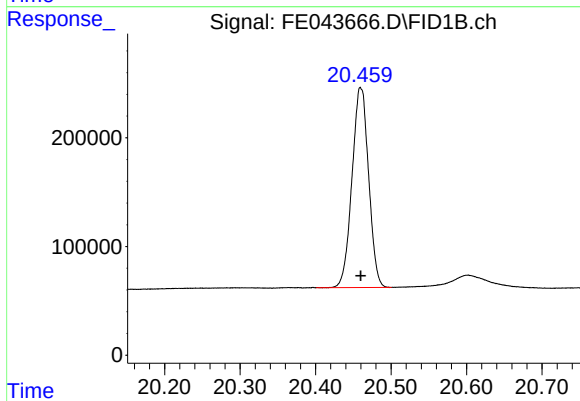
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 3189197
Conc: 20.00 ug/ml



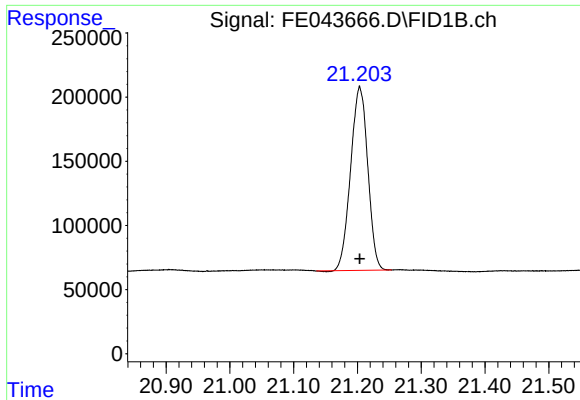
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: 0.000 min
Response: 2987267
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

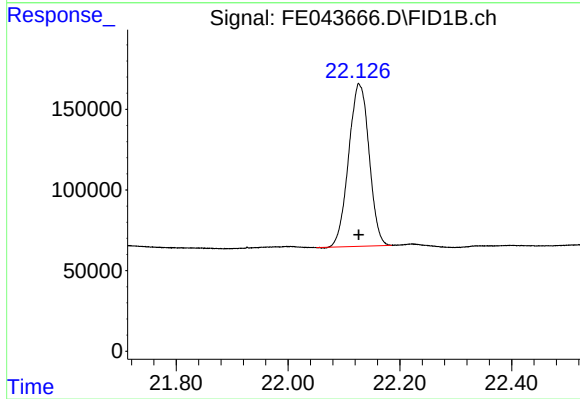
R.T.: 20.460 min
Delta R.T.: 0.000 min
Response: 2815147
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: 0.000 min
Response: 2669042
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: 0.000 min
Response: 2560087
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
Data File : FE043666.D
Signal(s) : FID1B.ch
Acq On : 02 Aug 2023 08:29
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.329	3.264	3.370	BB	326734	3246189	78.49%	4.416%
2	4.580	4.550	4.619	BB	336651	3304594	79.90%	4.495%
3	6.277	6.250	6.312	BB	383835	3648515	88.22%	4.963%
4	6.743	6.709	6.781	BB	332145	3352082	81.05%	4.560%
5	7.372	7.332	7.406	BB	366256	3568635	86.29%	4.855%
6	8.570	8.536	8.604	BB	322269	3371240	81.51%	4.586%
7	10.180	10.142	10.224	BB	317474	3536265	85.50%	4.811%
8	11.624	11.588	11.662	BB	315653	3634187	87.87%	4.944%
9	11.940	11.900	11.983	BB	376371	4135842	100.00%	5.626%
10	12.934	12.898	12.981	BB	297210	3556008	85.98%	4.837%
11	13.379	13.343	13.417	BB	258550	3134159	75.78%	4.264%
12	13.548	13.505	13.597	BB	295039	3547066	85.76%	4.825%
13	14.134	14.094	14.180	BB	282439	3522646	85.17%	4.792%
14	15.238	15.202	15.289	BB	271581	3533451	85.43%	4.807%
15	16.260	16.211	16.300	BB	259430	3481294	84.17%	4.736%
16	17.211	17.161	17.262	BB	243190	3371686	81.52%	4.587%
17	18.100	18.046	18.145	BB	236481	3344942	80.88%	4.550%
18	18.934	18.883	18.984	BB	225694	3189197	77.11%	4.338%
19	19.719	19.667	19.757	BB	199482	2987267	72.23%	4.064%
20	20.460	20.401	20.501	BB	183757	2815147	68.07%	3.830%
21	21.204	21.135	21.254	BB	143530	2669042	64.53%	3.631%
22	22.127	22.050	22.185	BV	100758	2560087	61.90%	3.483%
Sum of corrected areas:						73509540		

Aliphatic EPH 080323.M Wed Aug 02 10:58:25 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043667.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 08:59
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :Ankita Jodhani 08/03/2023

Integration File: autoint1.e
 Quant Time: Aug 02 09:54:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:54:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.938	2020741	9.863 ug/ml
Spiked Amount 50.000		Recovery =	19.73%
12) S 1-chlorooctadecane (S...	13.378	1533618	9.887 ug/ml
Spiked Amount 50.000		Recovery =	19.77%
Target Compounds			
1) T n-Nonane (C9)	3.328	1581124	9.863 ug/mlm
2) T n-Decane (C10)	4.579	1611865	9.848 ug/ml
3) T A~Naphthalene (C11.7)	6.276	1782789	9.854 ug/ml
4) T n-Dodecane (C12)	6.742	1635540	9.834 ug/ml
5) T A~2-methylnaphthalene...	7.371	1739847	9.831 ug/ml
6) T n-Tetradecane (C14)	8.568	1646445	9.842 ug/ml
7) T n-Hexadecane (C16)	10.178	1724520	9.830 ug/ml
8) T n-Octadecane (C18)	11.623	1772533	9.844 ug/ml
10) T n-Eicosane (C20)	12.933	1736385	9.874 ug/ml
11) T n-Heneicosane (C21)	13.546	1743593	9.954 ug/ml
13) T n-Docosane (C22)	14.132	1724507	9.901 ug/ml
14) T n-Tetracosane (C24)	15.237	1730307	9.915 ug/ml
15) T n-Hexacosane (C26)	16.258	1704069	9.928 ug/ml
16) T n-Octacosane (C28)	17.209	1650121	9.938 ug/ml
17) T n-Tricontane (C30)	18.099	1637840	9.992 ug/ml
18) T n-Dotriacontane (C32)	18.932	1564266	10.028 ug/ml
19) T n-Tetratriacontane (C34)	19.716	1467891	9.987 ug/ml
20) T n-Hexatriacontane (C36)	20.457	1384235	9.989 ug/ml
21) T n-Octatriacontane (C38)	21.200	1315120	9.922 ug/ml
22) T n-Tetracontane (C40)	22.126	1264372	9.867 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
Data File : FE043667.D
Signal(s) : FID1B.ch
Acq On : 02 Aug 2023 08:59
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 5 Sample Multiplier: 1

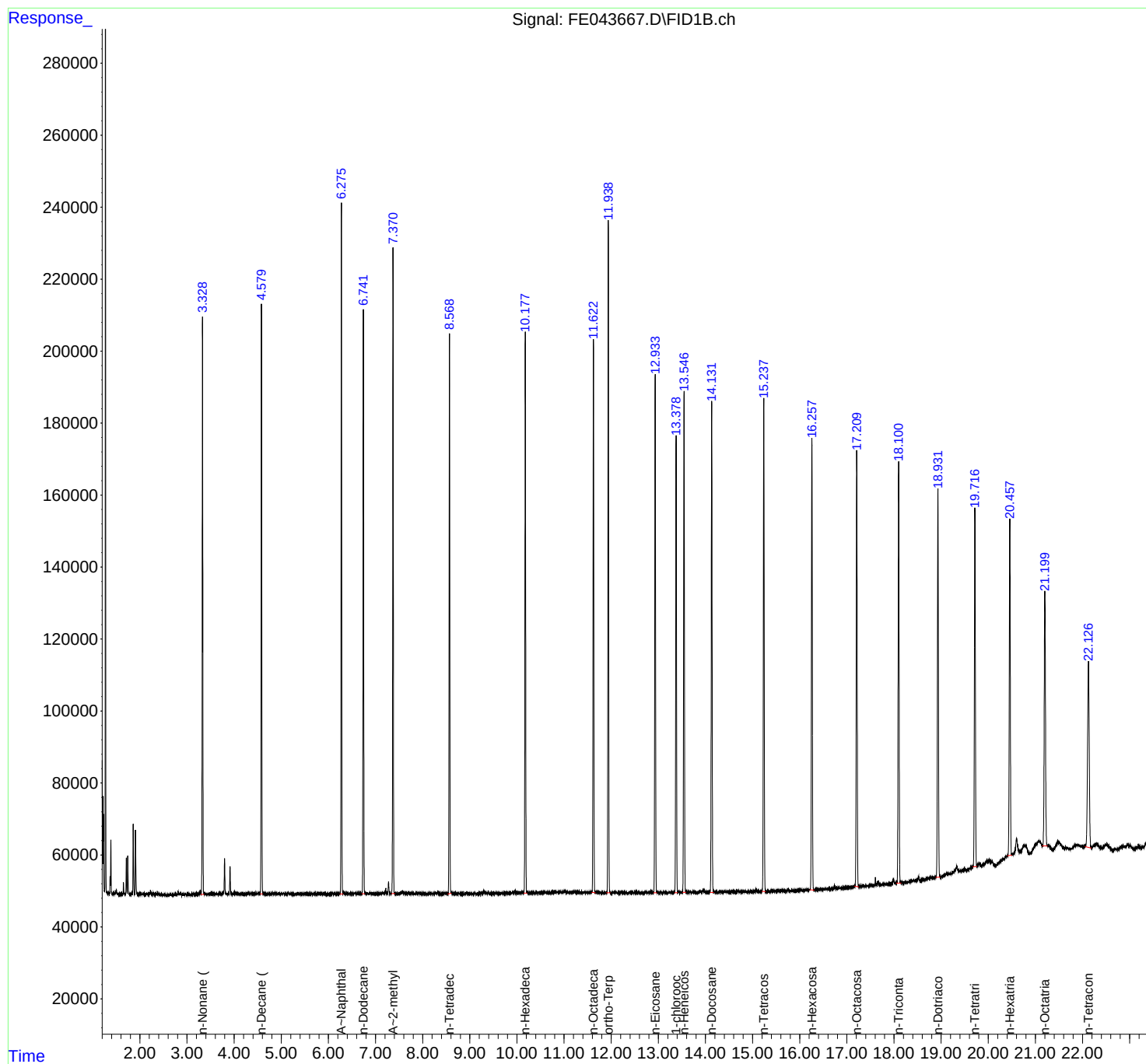
Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

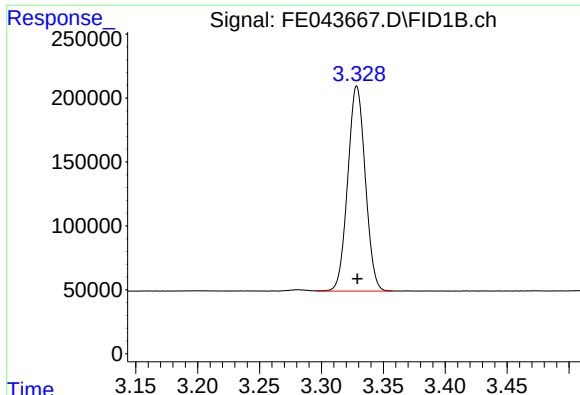
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023

Integration File: autoint1.e
Quant Time: Aug 02 09:54:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
Quant Title : GC Extractables
QLast Update : Wed Aug 02 09:54:40 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





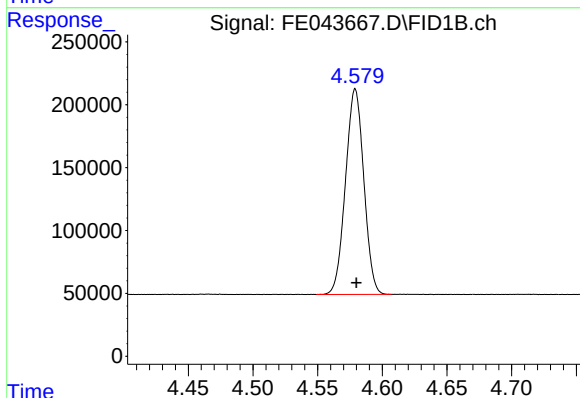
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 1581124
Conc: 9.86 ug/ml

Instrument : FID_E
ClientSampleId : 10 PPM ALIPHATIC HC STD4

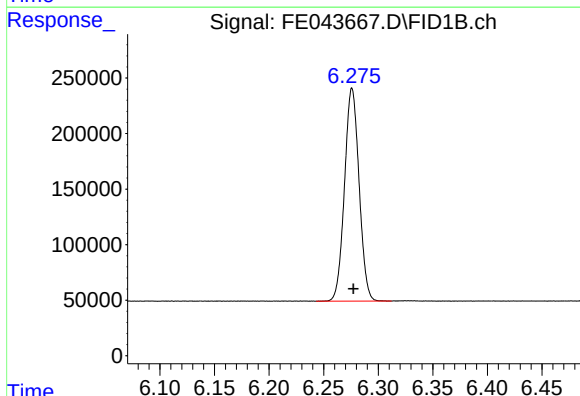
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023



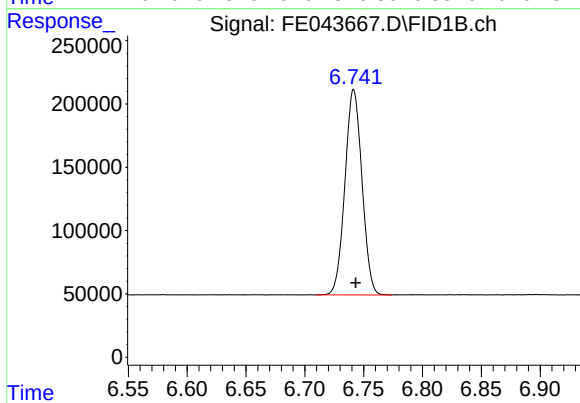
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 1611865
Conc: 9.85 ug/ml



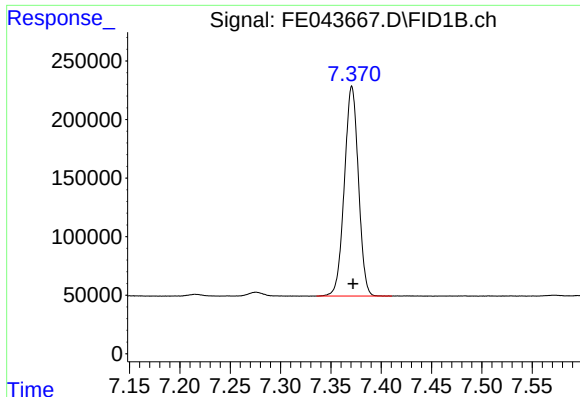
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: -0.001 min
Response: 1782789
Conc: 9.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.002 min
Response: 1635540
Conc: 9.83 ug/ml



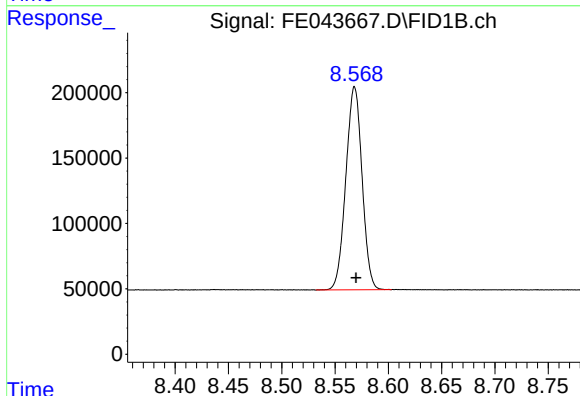
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: -0.001 min
Response: 1739847
Conc: 9.83 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

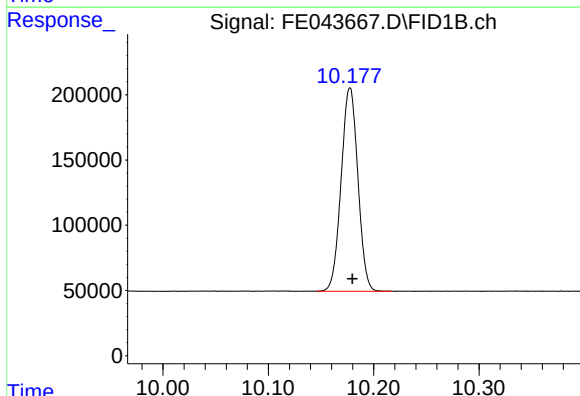
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023



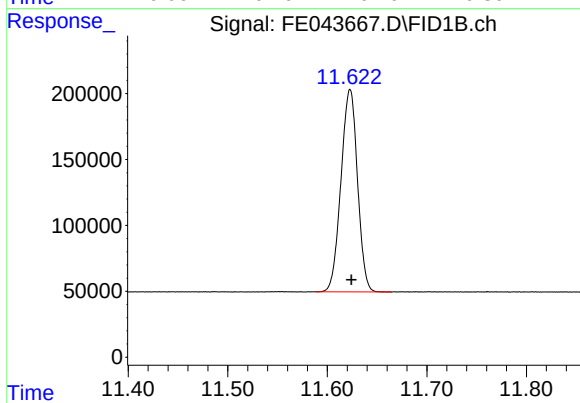
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.001 min
Response: 1646445
Conc: 9.84 ug/ml



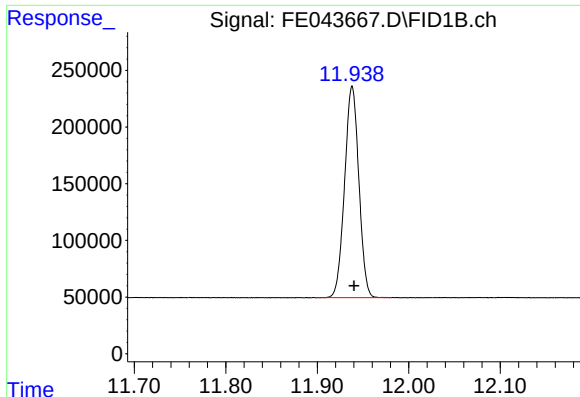
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.002 min
Response: 1724520
Conc: 9.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.001 min
Response: 1772533
Conc: 9.84 ug/ml



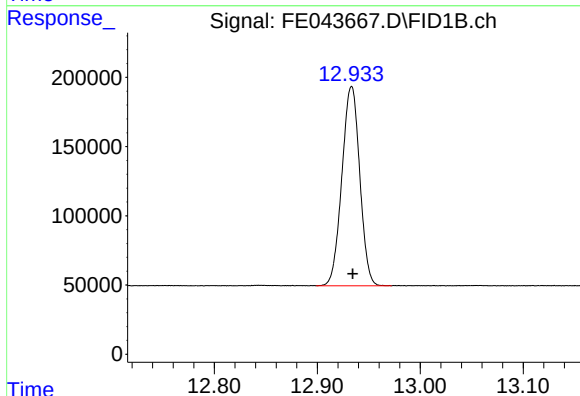
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: -0.002 min
Response: 2020741
Conc: 9.86 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

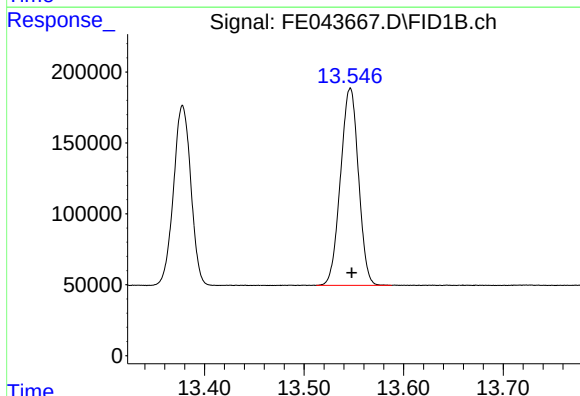
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023



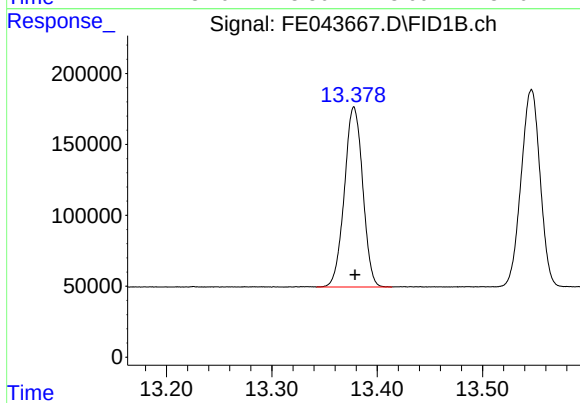
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: 0.000 min
Response: 1736385
Conc: 9.87 ug/ml



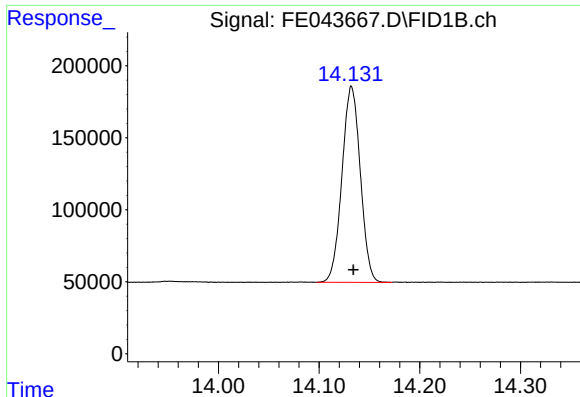
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.001 min
Response: 1743593
Conc: 9.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.001 min
Response: 1533618
Conc: 9.89 ug/ml



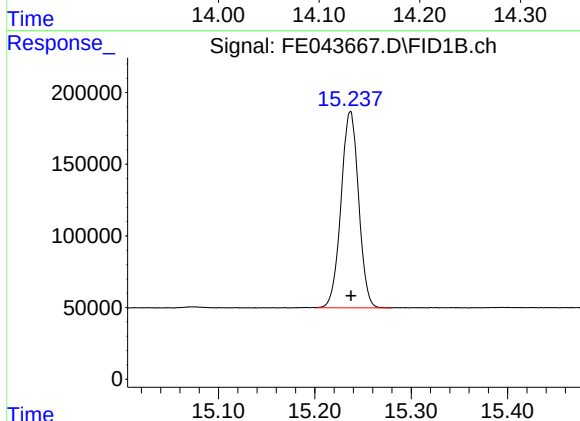
#13 n-Docosane (C22)

R.T.: 14.132 min
Delta R.T.: -0.002 min
Response: 1724507
Conc: 9.90 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

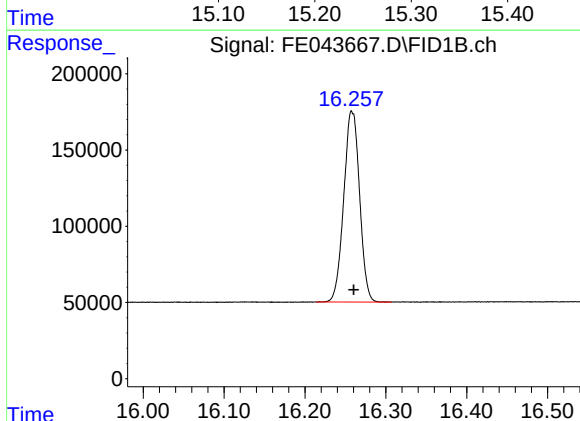
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023



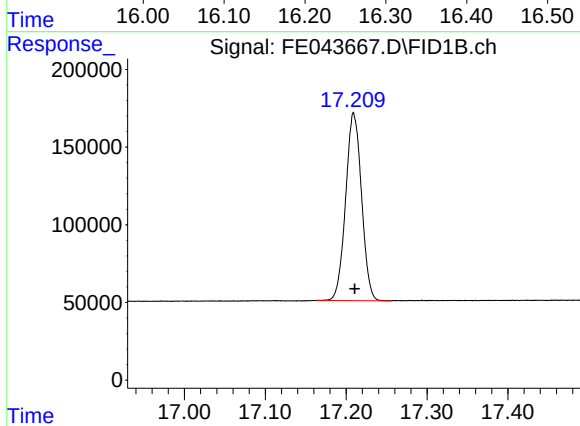
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 1730307
Conc: 9.91 ug/ml



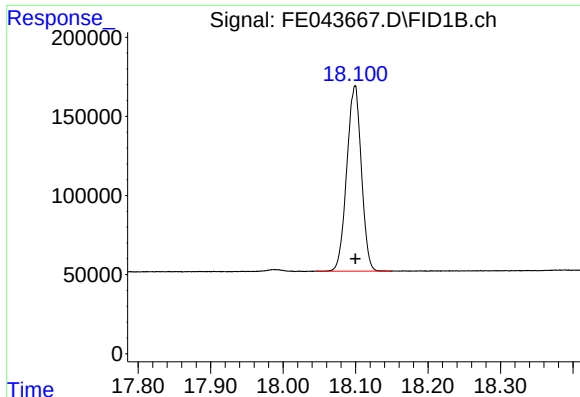
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.002 min
Response: 1704069
Conc: 9.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: -0.002 min
Response: 1650121
Conc: 9.94 ug/ml



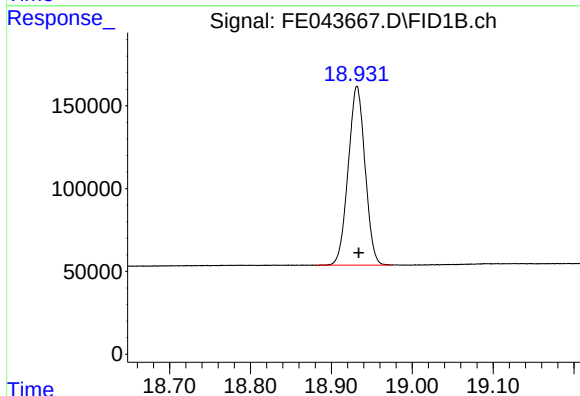
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: 0.000 min
Response: 1637840
Conc: 9.99 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

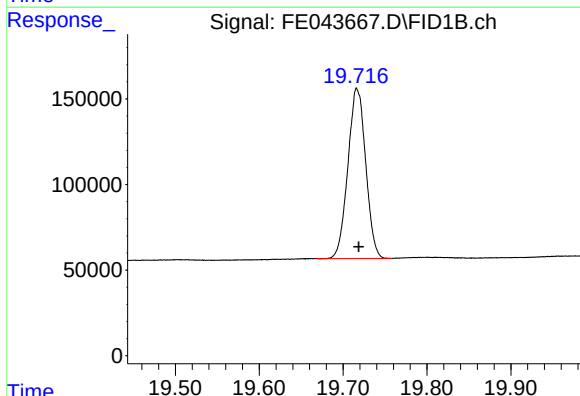
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023



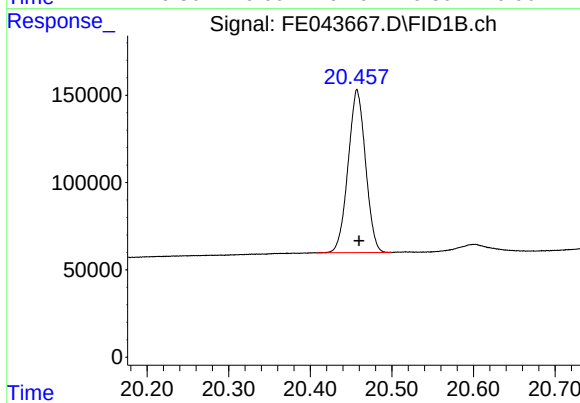
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.002 min
Response: 1564266
Conc: 10.03 ug/ml



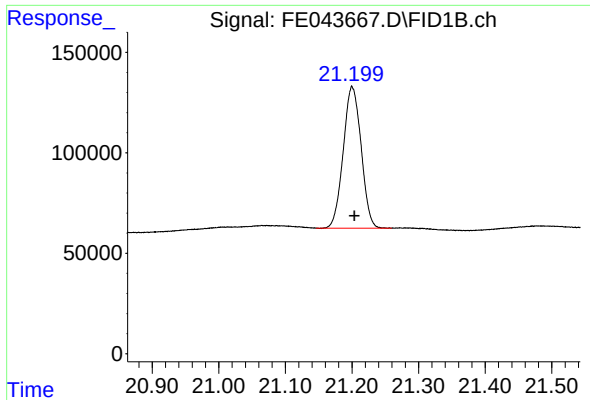
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.002 min
Response: 1467891
Conc: 9.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: -0.002 min
Response: 1384235
Conc: 9.99 ug/ml



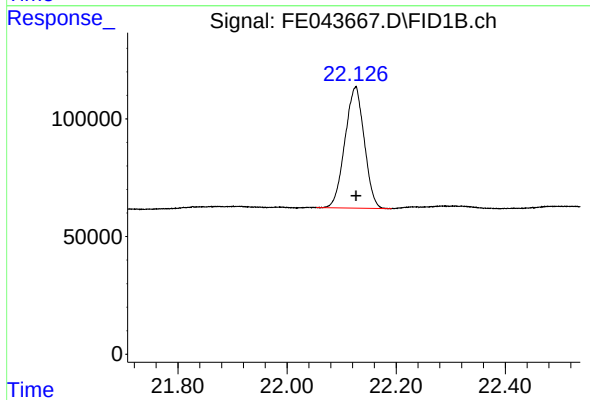
#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.003 min
Response: 1315120
Conc: 9.92 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023



#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: 0.000 min
Response: 1264372
Conc: 9.87 ug/ml

Instrument :
FID_E
LabSampleId :
10 PPM ALIPHATIC HC STD4

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :Ankita Jodhani 08/03/2023

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE
Data File : FE043667.D
Signal(s) : FID1B.ch
Acq On : 02 Aug 2023 08:59
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.328	3.296	3.360	M	160622	1582505	78.31%	4.399%
2	4.579	4.549	4.607	BB	163691	1611865	79.77%	4.481%
3	6.276	6.243	6.312	BB	191850	1782789	88.22%	4.956%
4	6.742	6.710	6.774	BB	162374	1635540	80.94%	4.547%
5	7.371	7.336	7.411	BB	179383	1739847	86.10%	4.837%
6	8.568	8.532	8.603	BB	155497	1646445	81.48%	4.577%
7	10.178	10.146	10.217	BB	155957	1724520	85.34%	4.794%
8	11.623	11.589	11.665	BB	153612	1772533	87.72%	4.927%
9	11.938	11.899	11.981	BB	186789	2020741	100.00%	5.617%
10	12.933	12.899	12.972	BB	143968	1736385	85.93%	4.827%
11	13.378	13.342	13.414	BB	127095	1533618	75.89%	4.263%
12	13.546	13.512	13.588	BB	139171	1743593	86.28%	4.847%
13	14.132	14.097	14.172	BB	136206	1724507	85.34%	4.794%
14	15.237	15.201	15.280	BB	137070	1730307	85.63%	4.810%
15	16.258	16.214	16.307	BB	124957	1704069	84.33%	4.737%
16	17.209	17.163	17.256	BB	121013	1650121	81.66%	4.587%
17	18.099	18.046	18.150	BB	116974	1637840	81.05%	4.553%
18	18.932	18.881	18.975	BB	107977	1564266	77.41%	4.348%
19	19.716	19.668	19.758	BB	99342	1467891	72.64%	4.081%
20	20.457	20.407	20.500	BB	93450	1384235	68.50%	3.848%
21	21.200	21.146	21.260	BB	70380	1315120	65.08%	3.656%
22	22.126	22.053	22.192	BB	51787	1264372	62.57%	3.515%
Sum of corrected areas:						35973109		

Aliphatic EPH 080323.M Wed Aug 02 16:16:03 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043668.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 09:29
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 02 09:56:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:55:57 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.938	1054178	5.116 ug/ml
Spiked Amount 50.000		Recovery =	10.23%
12) S 1-chlorooctadecane (S...	13.377	799022	5.120 ug/ml
Spiked Amount 50.000		Recovery =	10.24%
Target Compounds			
1) T n-Nonane (C9)	3.329	831343	5.148 ug/ml
2) T n-Decane (C10)	4.579	846986	5.139 ug/ml
3) T A~Naphthalene (C11.7)	6.277	933301	5.126 ug/ml
4) T n-Dodecane (C12)	6.742	857724	5.125 ug/ml
5) T A~2-methylnaphthalene...	7.371	911332	5.119 ug/ml
6) T n-Tetradecane (C14)	8.569	866359	5.142 ug/ml
7) T n-Hexadecane (C16)	10.178	901394	5.110 ug/ml
8) T n-Octadecane (C18)	11.622	927412	5.120 ug/ml
10) T n-Eicosane (C20)	12.934	906999	5.125 ug/ml
11) T n-Heneicosane (C21)	13.547	923237	5.214 ug/ml
13) T n-Docosane (C22)	14.132	901504	5.140 ug/ml
14) T n-Tetracosane (C24)	15.236	902098	5.134 ug/ml
15) T n-Hexacosane (C26)	16.258	887936	5.137 ug/ml
16) T n-Octacosane (C28)	17.209	862135	5.153 ug/ml
17) T n-Tricontane (C30)	18.098	862531	5.208 ug/ml
18) T n-Dotriacontane (C32)	18.933	827429	5.240 ug/ml
19) T n-Tetratriacontane (C34)	19.718	775467	5.219 ug/ml
20) T n-Hexatriacontane (C36)	20.458	722979	5.172 ug/ml
21) T n-Octatriacontane (C38)	21.200	684236	5.129 ug/ml
22) T n-Tetracontane (C40)	22.122	662804	5.137 ug/ml

(f)=RT Delta > 1/2 Window

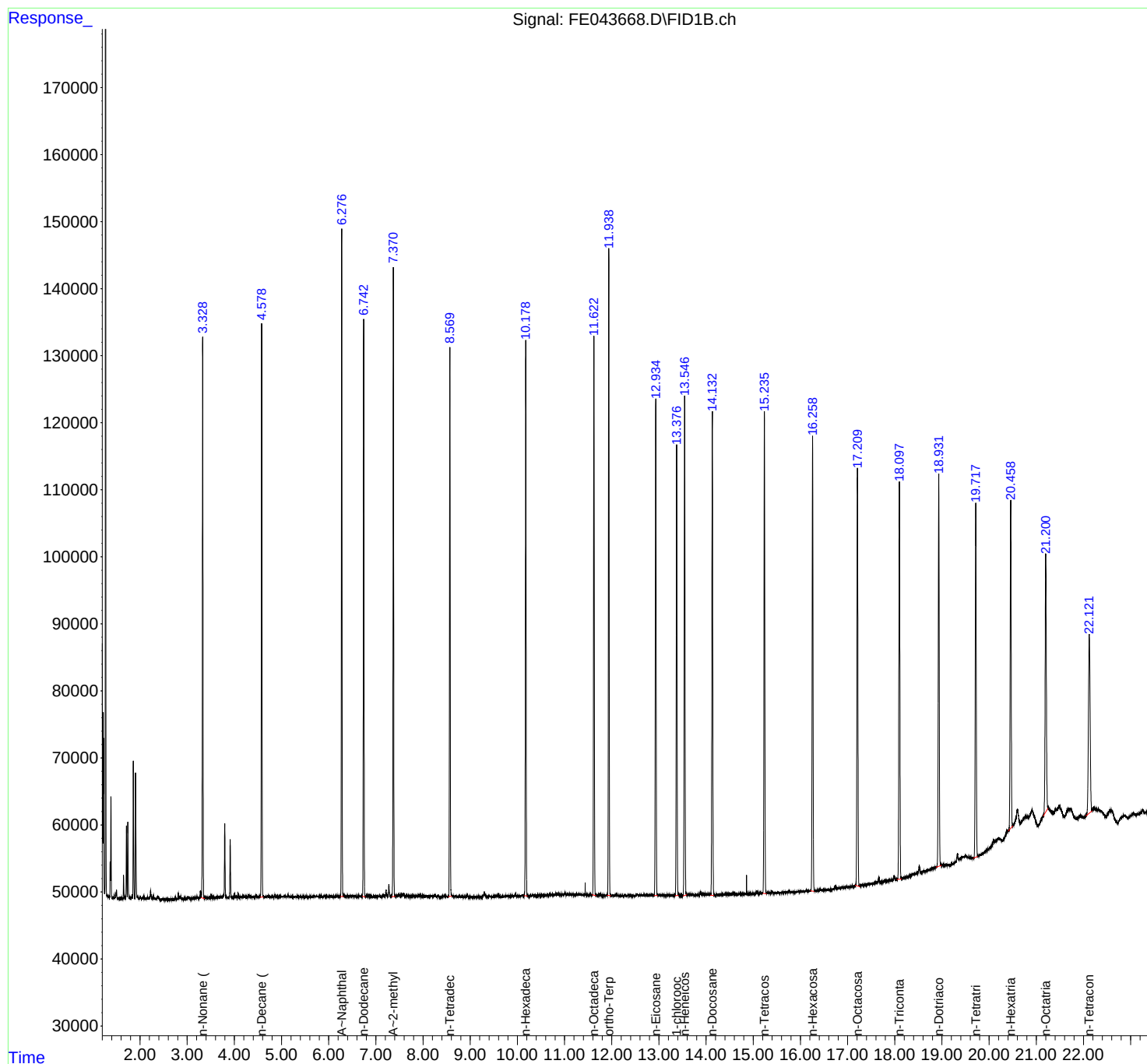
(m)=manual int.

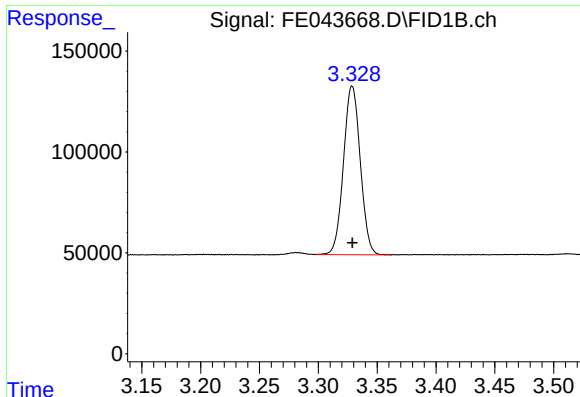
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
Data File : FE043668.D
Signal(s) : FID1B.ch
Acq On : 02 Aug 2023 09:29
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Aug 02 09:56:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
Quant Title : GC Extractables
QLast Update : Wed Aug 02 09:55:57 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

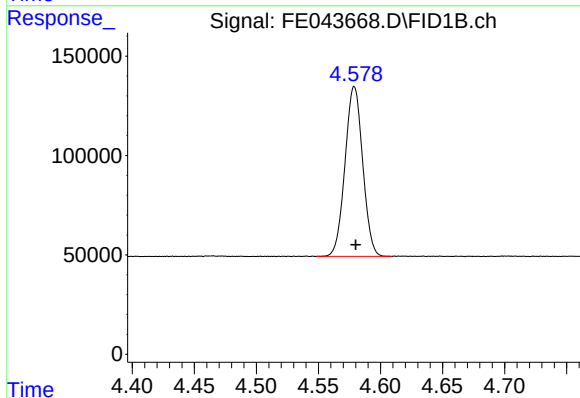




#1 n-Nonane (C9)

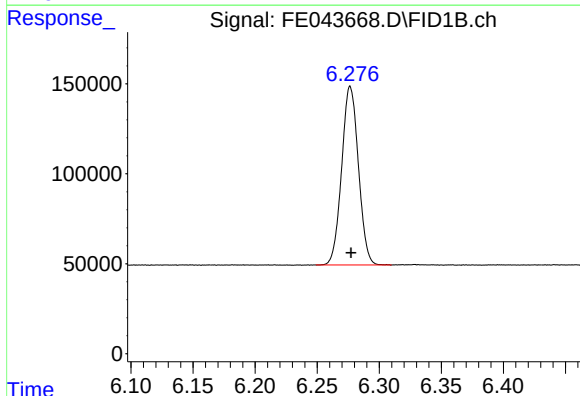
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 831343
Conc: 5.15 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



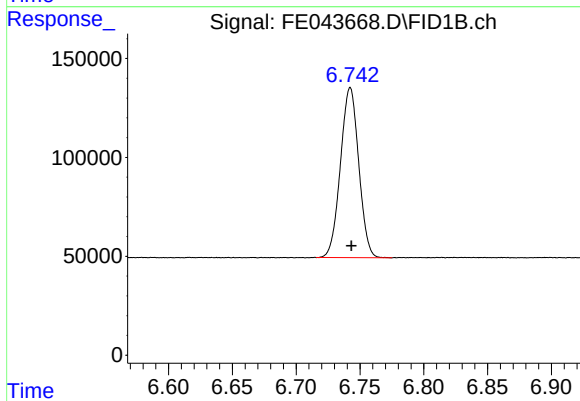
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 846986
Conc: 5.14 ug/ml



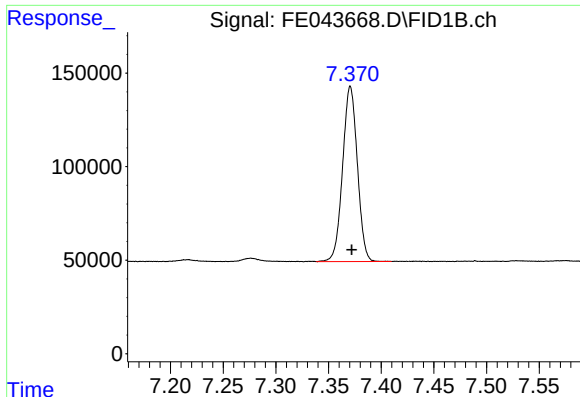
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 933301
Conc: 5.13 ug/ml



#4 n-Dodecane (C12)

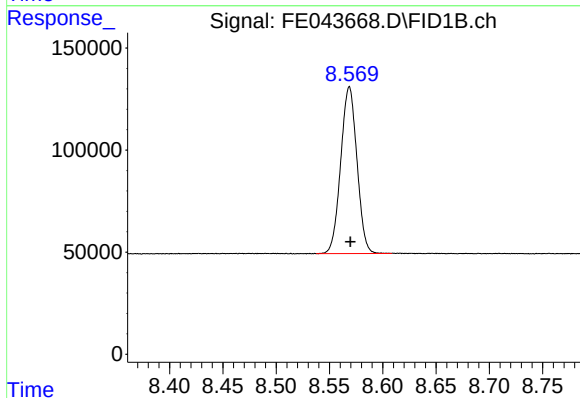
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 857724
Conc: 5.12 ug/ml



#5 A~2-methylnaphthalene (C12.89)

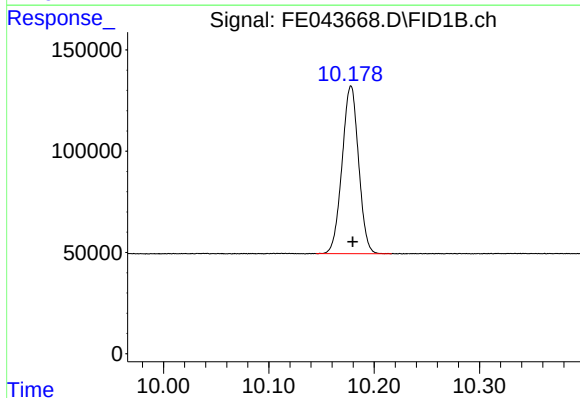
R.T.: 7.371 min
Delta R.T.: -0.001 min
Response: 911332
Conc: 5.12 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



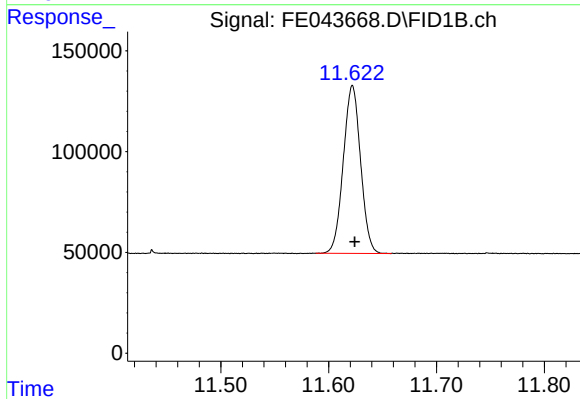
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 866359
Conc: 5.14 ug/ml



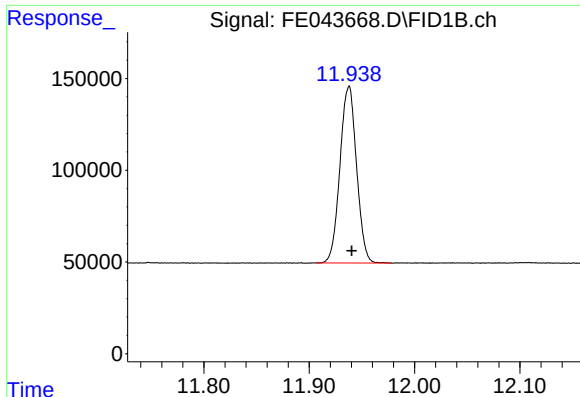
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.002 min
Response: 901394
Conc: 5.11 ug/ml



#8 n-Octadecane (C18)

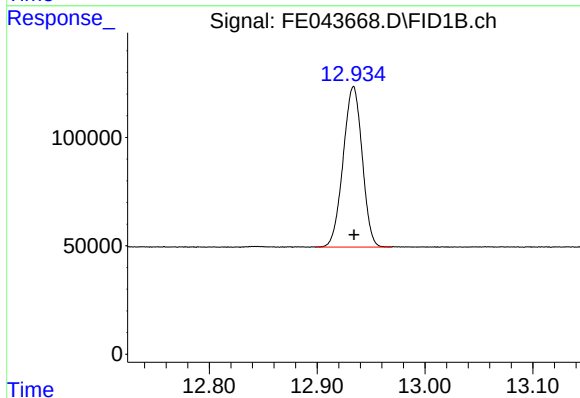
R.T.: 11.622 min
Delta R.T.: -0.002 min
Response: 927412
Conc: 5.12 ug/ml



#9 ortho-Terphenyl (SURR)

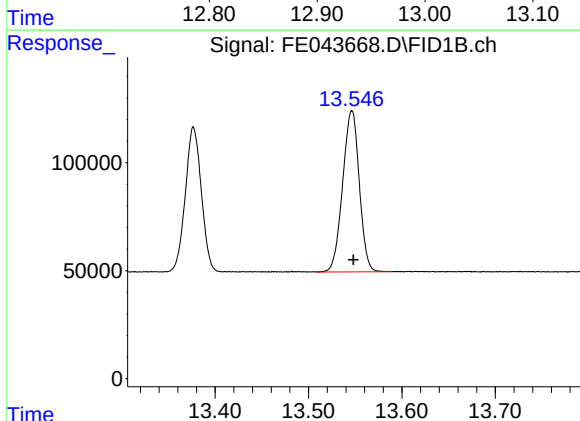
R.T.: 11.938 min
Delta R.T.: -0.003 min
Response: 1054178
Conc: 5.12 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



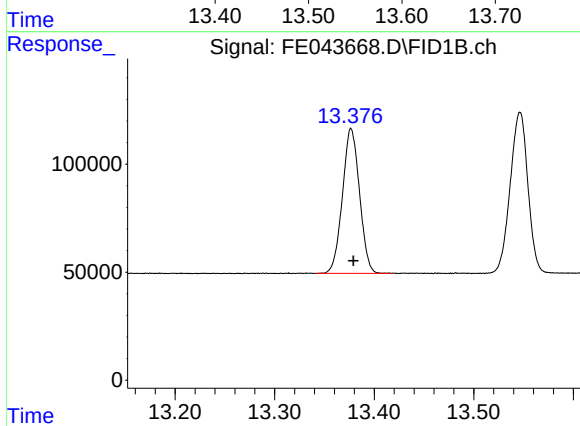
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 906999
Conc: 5.13 ug/ml



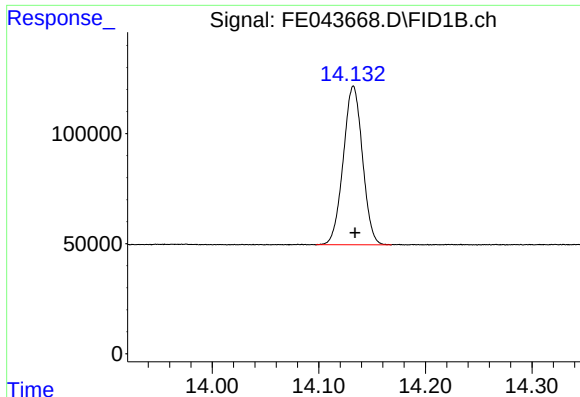
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.001 min
Response: 923237
Conc: 5.21 ug/ml



#12 1-chlorooctadecane (SURR)

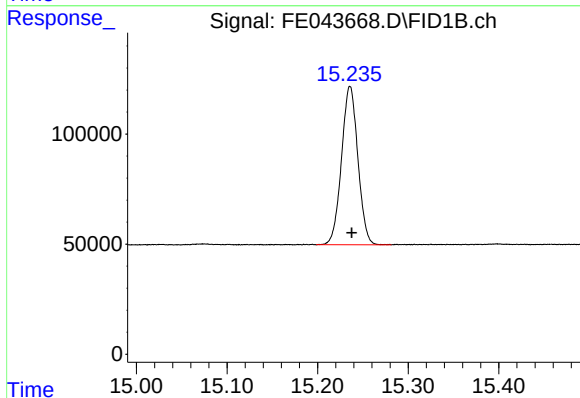
R.T.: 13.377 min
Delta R.T.: -0.002 min
Response: 799022
Conc: 5.12 ug/ml



#13 n-Docosane (C22)

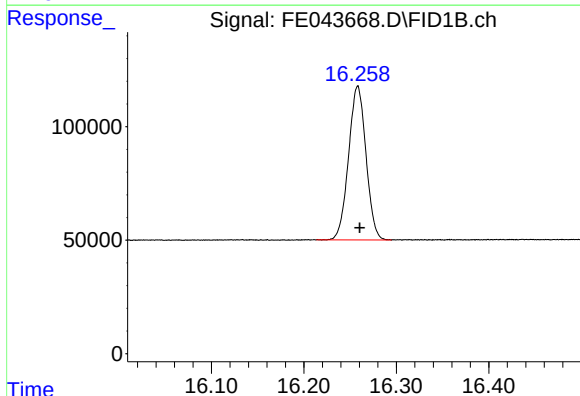
R.T.: 14.132 min
Delta R.T.: -0.002 min
Response: 901504
Conc: 5.14 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



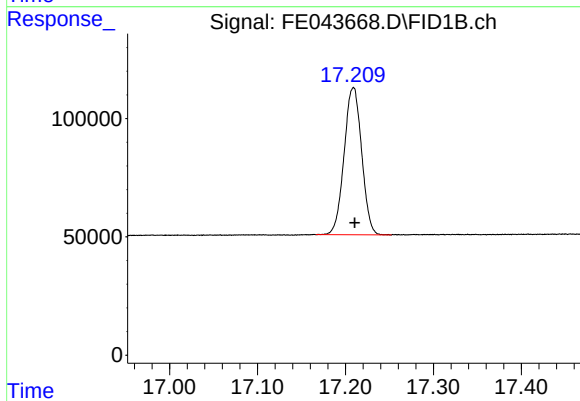
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.002 min
Response: 902098
Conc: 5.13 ug/ml



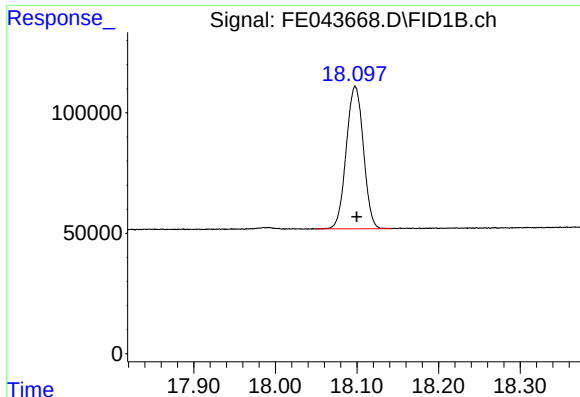
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.002 min
Response: 887936
Conc: 5.14 ug/ml



#16 n-Octacosane (C28)

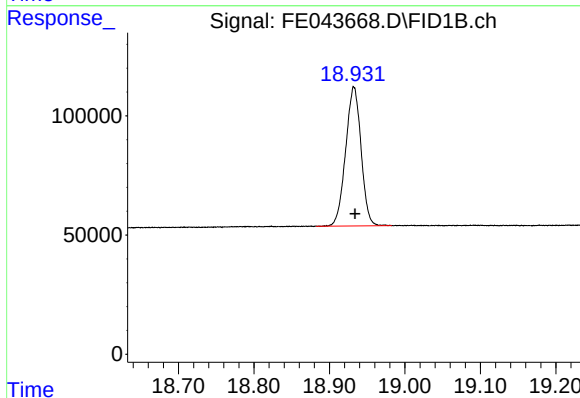
R.T.: 17.209 min
Delta R.T.: -0.002 min
Response: 862135
Conc: 5.15 ug/ml



#17 n-Tricontane (C30)

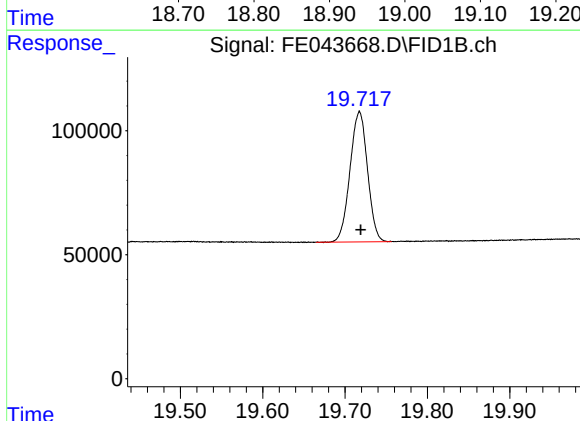
R.T.: 18.098 min
Delta R.T.: -0.002 min
Response: 862531
Conc: 5.21 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



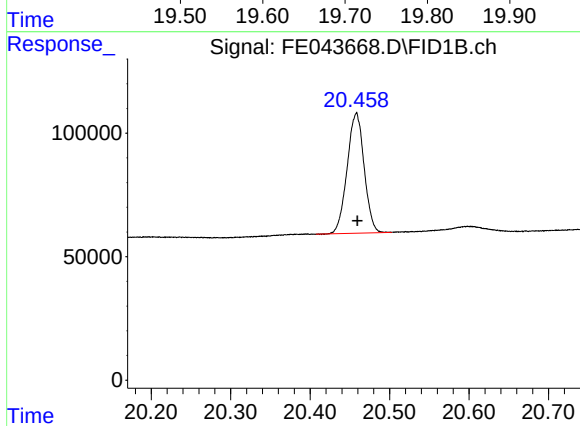
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.002 min
Response: 827429
Conc: 5.24 ug/ml



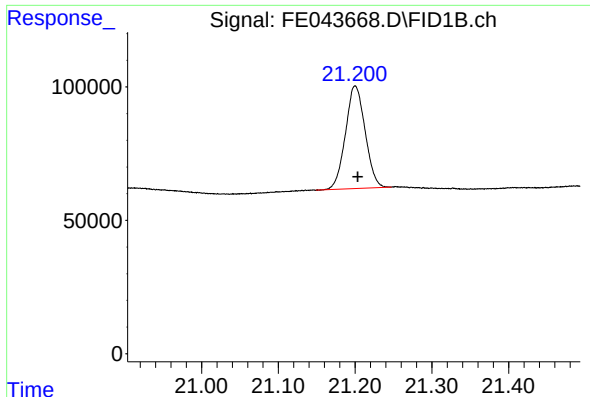
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.001 min
Response: 775467
Conc: 5.22 ug/ml



#20 n-Hexatriacontane (C36)

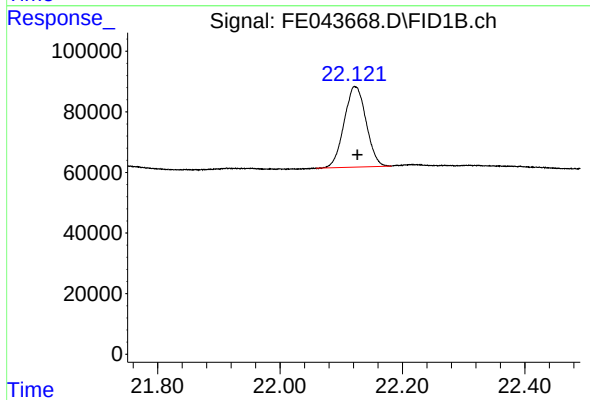
R.T.: 20.458 min
Delta R.T.: -0.002 min
Response: 722979
Conc: 5.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.004 min
Response: 684236
Conc: 5.13 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: -0.005 min
Response: 662804
Conc: 5.14 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043668.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 09:29
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.329	3.298	3.362	BB	83574	831343	78.86%	4.411%
2	4.579	4.548	4.609	BB	85456	846986	80.35%	4.494%
3	6.277	6.249	6.310	BB	99450	933301	88.53%	4.952%
4	6.742	6.716	6.775	BB	86085	857724	81.36%	4.551%
5	7.371	7.338	7.410	BB	93802	911332	86.45%	4.835%
6	8.569	8.537	8.608	BB	81873	866359	82.18%	4.596%
7	10.178	10.145	10.217	BB	82881	901394	85.51%	4.782%
8	11.622	11.588	11.658	BB	83392	927412	87.97%	4.920%
9	11.938	11.907	11.978	BB	96114	1054178	100.00%	5.593%
10	12.934	12.899	12.969	BB	74249	906999	86.04%	4.812%
11	13.377	13.342	13.417	BB	67159	799022	75.80%	4.239%
12	13.547	13.508	13.589	BB	74539	923237	87.58%	4.898%
13	14.132	14.097	14.168	BB	72160	901504	85.52%	4.783%
14	15.236	15.198	15.282	BB	71872	902098	85.57%	4.786%
15	16.258	16.213	16.295	BB	67904	887936	84.23%	4.711%
16	17.209	17.167	17.252	BB	62280	862135	81.78%	4.574%
17	18.098	18.050	18.142	BB	59149	862531	81.82%	4.576%
18	18.933	18.882	18.982	BB	58224	827429	78.49%	4.390%
19	19.718	19.665	19.757	BB	52749	775467	73.56%	4.114%
20	20.458	20.407	20.502	BB	48633	722979	68.58%	3.836%
21	21.200	21.149	21.247	BB	38488	684236	64.91%	3.630%
22	22.122	22.059	22.182	BB	26611	662804	62.87%	3.516%
Sum of corrected areas:							18848405	

Aliphatic EPH 080323.M Wed Aug 02 10:57:50 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043669.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 10:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 02 10:56:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.939	4117918	19.983 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	13.379	3123875	20.019 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T n-Nonane (C9)	3.329	3227029	19.983 ug/ml
2) T n-Decane (C10)	4.580	3286931	19.943 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3630842	19.942 ug/ml
4) T n-Dodecane (C12)	6.744	3336523	19.936 ug/ml
5) T A~2-methylnaphthalene...	7.372	3549504	19.938 ug/ml
6) T n-Tetradecane (C14)	8.570	3351293	19.891 ug/ml
7) T n-Hexadecane (C16)	10.179	3515721	19.930 ug/ml
8) T n-Octadecane (C18)	11.623	3616954	19.967 ug/ml
10) T n-Eicosane (C20)	12.934	3537254	19.988 ug/ml
11) T n-Heneicosane (C21)	13.547	3538536	19.985 ug/ml
13) T n-Docosane (C22)	14.134	3511368	20.019 ug/ml
14) T n-Tetracosane (C24)	15.238	3521715	20.044 ug/ml
15) T n-Hexacosane (C26)	16.260	3466380	20.056 ug/ml
16) T n-Octacosane (C28)	17.211	3354208	20.047 ug/ml
17) T n-Tricontane (C30)	18.100	3323664	20.067 ug/ml
18) T n-Dotriacontane (C32)	18.933	3181435	20.149 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2998445	20.178 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2796427	20.006 ug/ml
21) T n-Octatriacontane (C38)	21.204	2665983	19.984 ug/ml
22) T n-Tetracontane (C40)	22.129	2575013	19.957 ug/ml

(f)=RT Delta > 1/2 Window

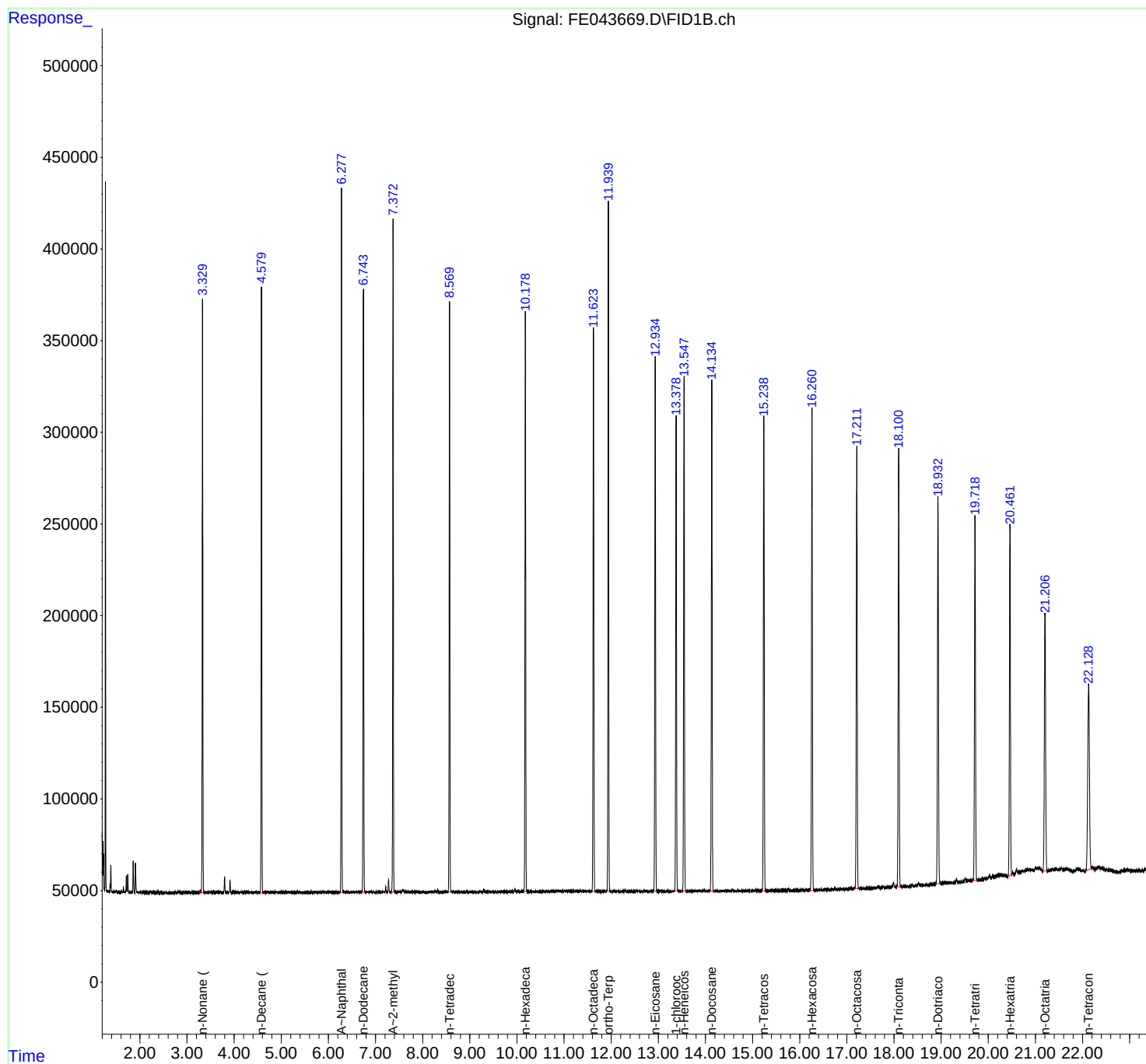
(m)=manual int.

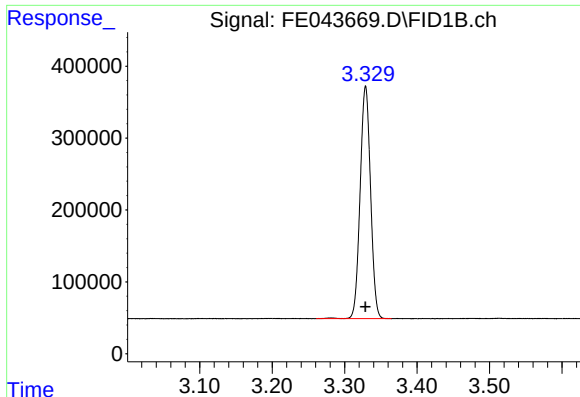
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
Data File : FE043669.D
Signal(s) : FID1B.ch
Acq On : 02 Aug 2023 10:00
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Aug 02 10:56:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
Quant Title : GC Extractables
QLast Update : Wed Aug 02 09:56:52 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

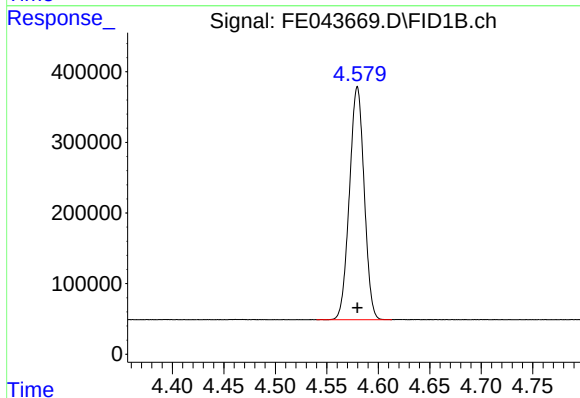




#1 n-Nonane (C9)

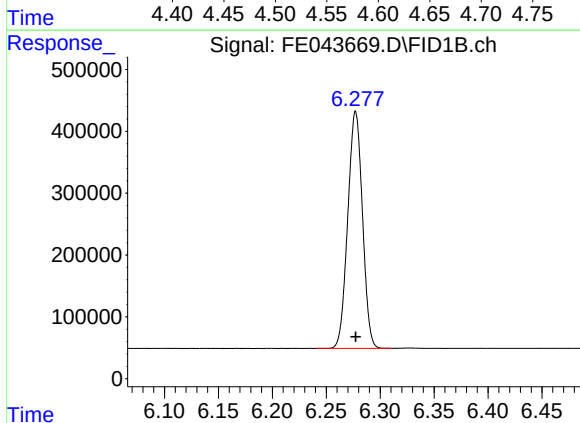
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3227029
Conc: 19.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



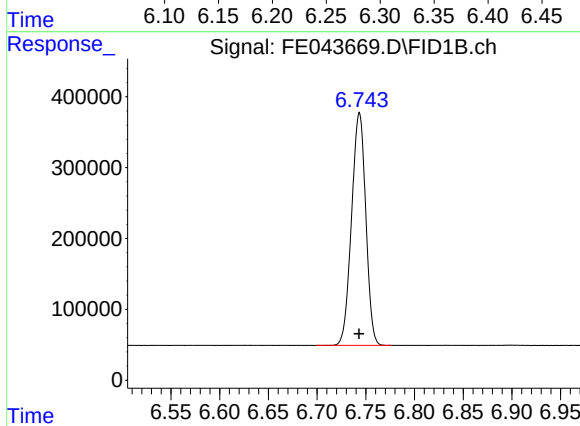
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 3286931
Conc: 19.94 ug/ml



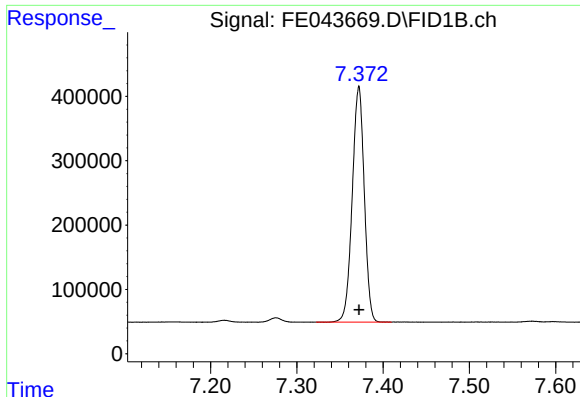
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3630842
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3336523
Conc: 19.94 ug/ml



#5 A~2-methylnaphthalene (C12.89)

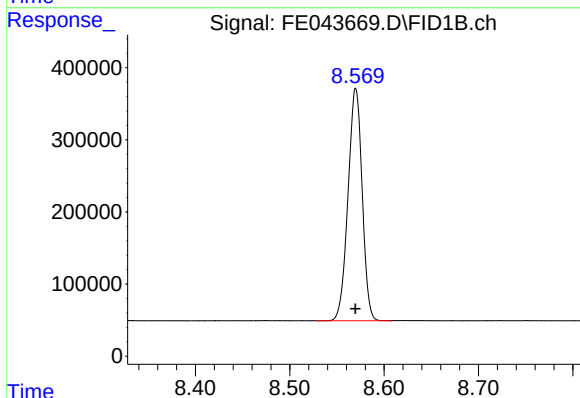
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 3549504
Conc: 19.94 ug/ml

Instrument :

FID_E

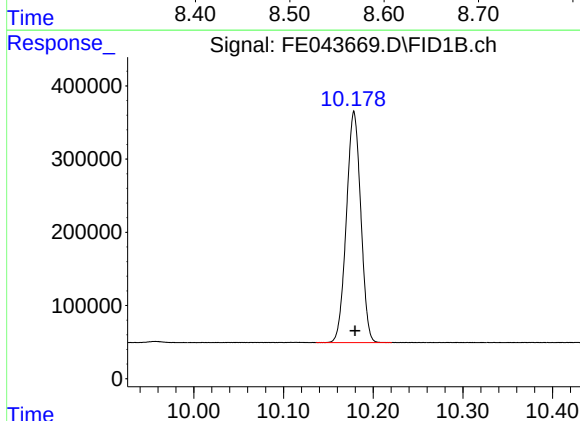
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



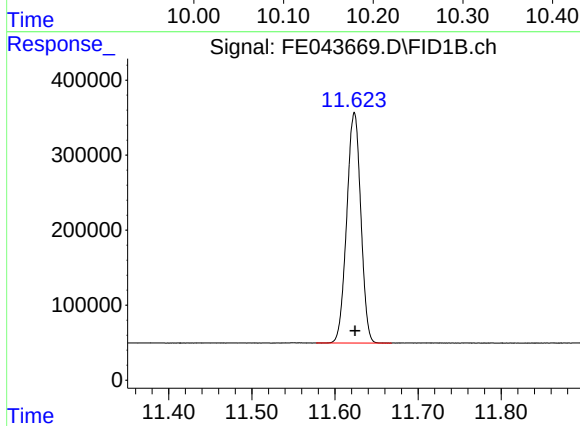
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 3351293
Conc: 19.89 ug/ml



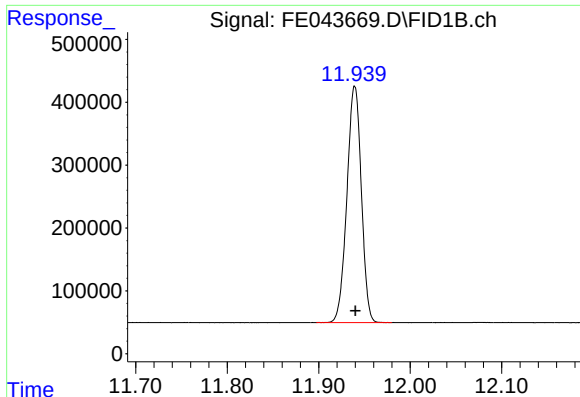
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.001 min
Response: 3515721
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

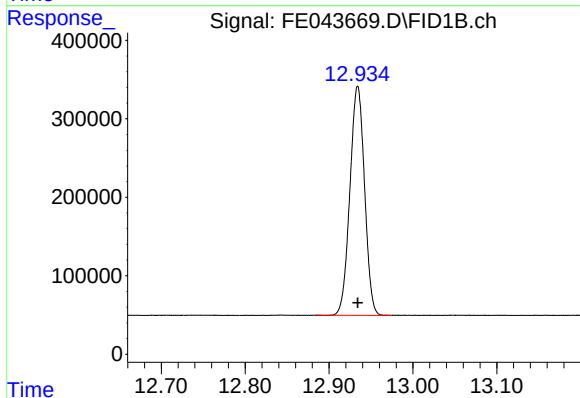
R.T.: 11.623 min
Delta R.T.: 0.000 min
Response: 3616954
Conc: 19.97 ug/ml



#9 ortho-Terphenyl (SURR)

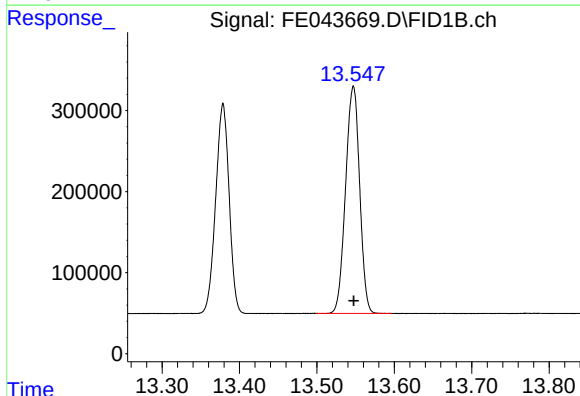
R.T.: 11.939 min
Delta R.T.: 0.000 min
Response: 4117918
Conc: 19.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



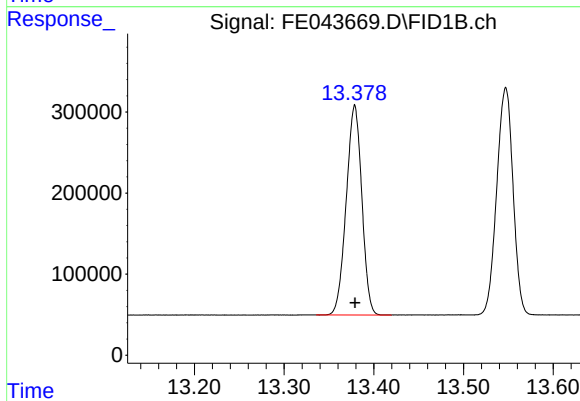
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 3537254
Conc: 19.99 ug/ml



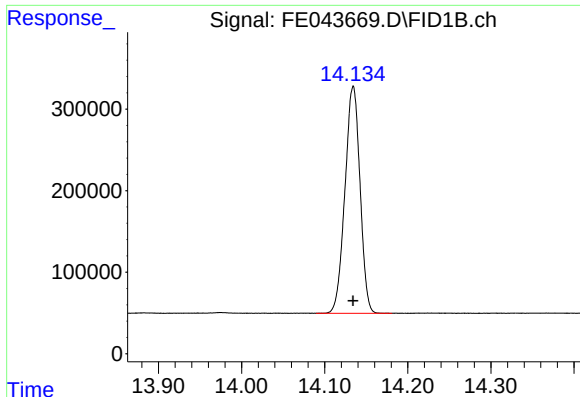
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: 0.000 min
Response: 3538536
Conc: 19.98 ug/ml



#12 1-chlorooctadecane (SURR)

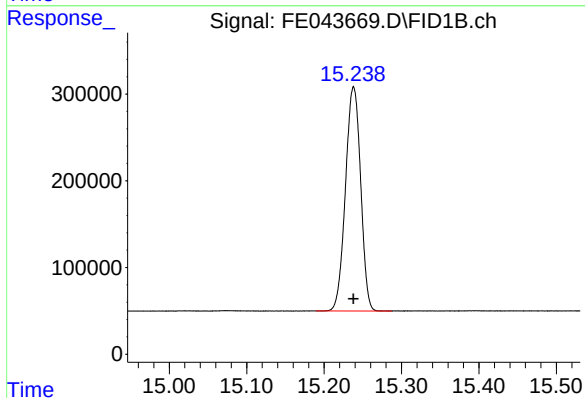
R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 3123875
Conc: 20.02 ug/ml



#13 n-Docosane (C22)

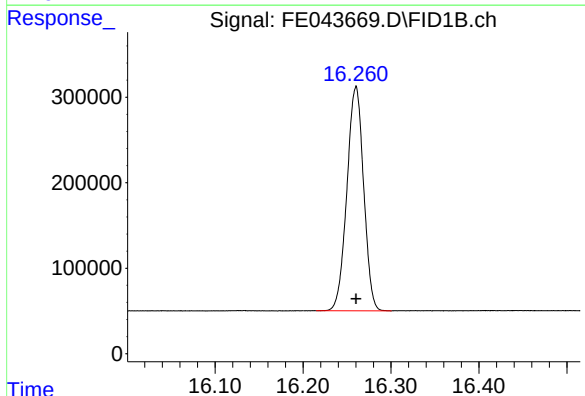
R.T.: 14.134 min
Delta R.T.: 0.000 min
Response: 3511368
Conc: 20.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



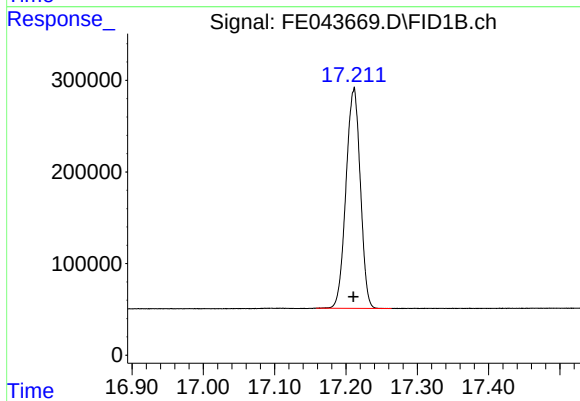
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3521715
Conc: 20.04 ug/ml



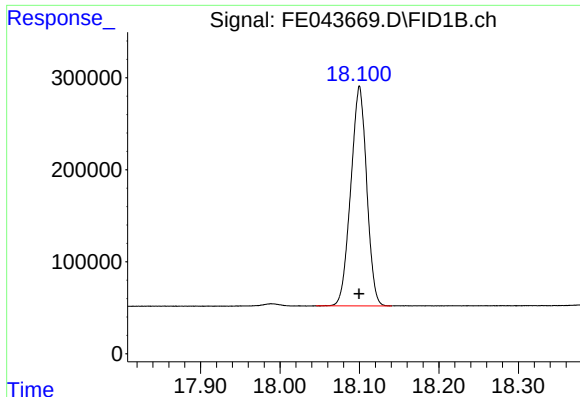
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 3466380
Conc: 20.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 3354208
Conc: 20.05 ug/ml



#17 n-Tricontane (C30)

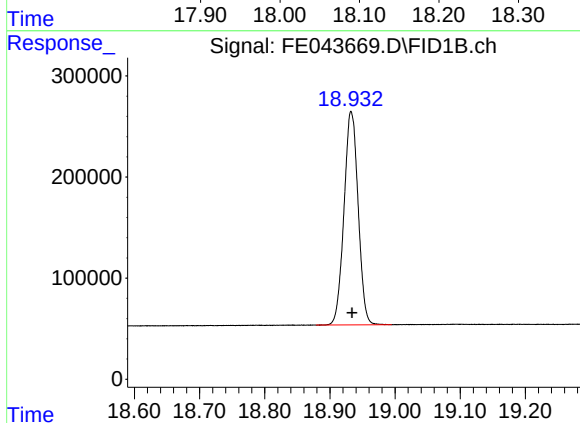
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 3323664
Conc: 20.07 ug/ml

Instrument :

FID_E

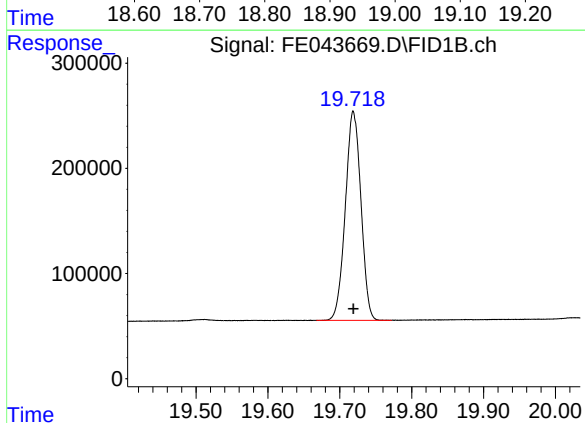
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



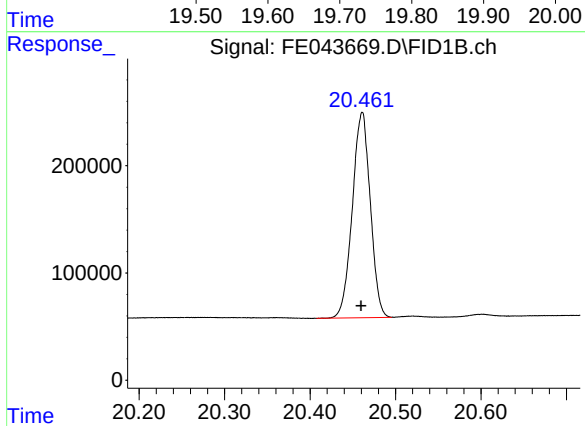
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.002 min
Response: 3181435
Conc: 20.15 ug/ml



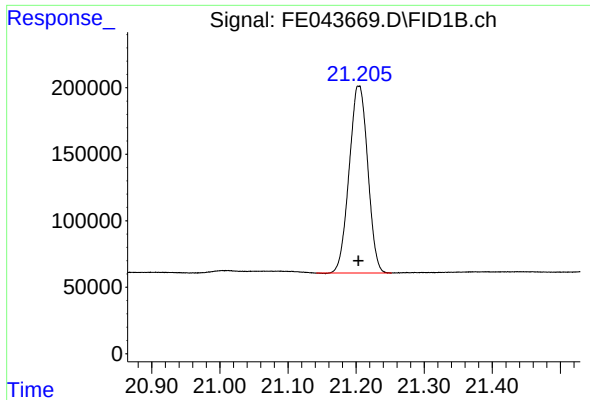
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: 0.000 min
Response: 2998445
Conc: 20.18 ug/ml



#20 n-Hexatriacontane (C36)

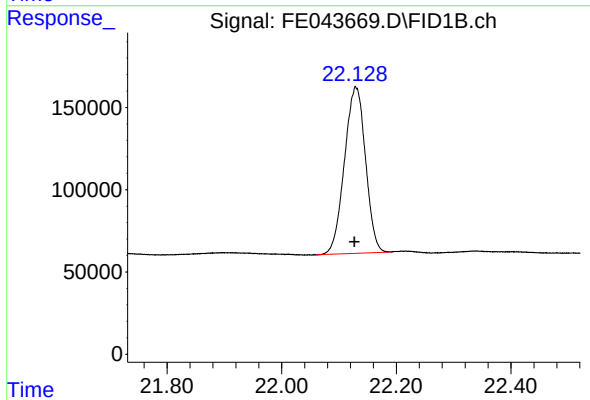
R.T.: 20.461 min
Delta R.T.: 0.001 min
Response: 2796427
Conc: 20.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: 0.000 min
Response: 2665983
Conc: 19.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: 0.002 min
Response: 2575013
Conc: 19.96 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043669.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 10:00
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.329	3.261	3.365	BB	323619	3227029	78.37%	4.407%
2	4.580	4.540	4.613	BB	330516	3286931	79.82%	4.489%
3	6.277	6.241	6.311	BB	383539	3630842	88.17%	4.958%
4	6.744	6.699	6.776	BB	328823	3336523	81.02%	4.556%
5	7.372	7.322	7.410	BB	367535	3549504	86.20%	4.847%
6	8.570	8.528	8.608	BB	322018	3351293	81.38%	4.577%
7	10.179	10.136	10.221	BB	315985	3515721	85.38%	4.801%
8	11.623	11.577	11.668	BB	307594	3616954	87.83%	4.939%
9	11.939	11.897	11.980	BB	375346	4117918	100.00%	5.623%
10	12.934	12.885	12.975	BB	291865	3537254	85.90%	4.831%
11	13.379	13.336	13.420	BB	259458	3123875	75.86%	4.266%
12	13.547	13.499	13.596	BB	280523	3538536	85.93%	4.832%
13	14.134	14.090	14.181	BB	278326	3511368	85.27%	4.795%
14	15.238	15.190	15.287	BB	258939	3521715	85.52%	4.809%
15	16.260	16.215	16.301	BB	263432	3466380	84.18%	4.734%
16	17.211	17.158	17.264	BB	240780	3354208	81.45%	4.581%
17	18.100	18.046	18.141	BB	239381	3323664	80.71%	4.539%
18	18.933	18.879	18.995	BB	211194	3181435	77.26%	4.345%
19	19.719	19.667	19.772	BB	198867	2998445	72.81%	4.095%
20	20.461	20.407	20.496	BB	191566	2796427	67.91%	3.819%
21	21.204	21.141	21.252	BB	140243	2665983	64.74%	3.641%
22	22.129	22.060	22.192	BB	101422	2575013	62.53%	3.516%
Sum of corrected areas:						73227018		

Aliphatic EPH 080323.M Wed Aug 02 10:57:01 2023