

Initial Calibration Report for SequenceID : FC012425AL

AreaCount

Parameter Range	FC068103.D	FC068104.D	FC068105.D	FC068106.D	FC068107.D	
Aliphatic C9-C12	39119921.000	19595370.000	8560674.000	4475977.000	2092923.000	
Aliphatic C12-C16	26002482.000	13035277.000	5712859.000	2968256.000	1369659.000	
Aliphatic C16-C21	37691789.000	18971800.000	8404107.000	4402241.000	2042530.000	
Aliphatic C21-C28	46742612.000	23877310.000	10488572.000	5543696.000	2601900.000	
Aliphatic C28-C40	54828663.000	28773658.000	12627086.000	6741853.000	3399332.000	
Aliphatic EPH	204385467.000	104253415.000	45793298.000	24132023.000	11506344.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	138488.1739998	5.827				
Aliphatic C12-C16	137713.071	5.793				
Aliphatic C16-C21	135019.2893328	6.678				
Aliphatic C21-C28	127207.526	7.047				
Aliphatic C28-C40	103638.8596662	9.431				
Aliphatic EPH	123700.6552216	7.023				

Concentration

Parameter Range	FC068103.D	FC068104.D	FC068105.D	FC068106.D	FC068107.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	FC068103.D	FC068104.D	FC068105.D	FC068106.D	FC068107.D	
Aliphatic C9-C12	130399.736666	130635.800000	142677.900000	149199.233333	139528.200000	
Aliphatic C12-C16	130012.410000	130352.770000	142821.475000	148412.800000	136965.900000	
Aliphatic C16-C21	125639.296666	126478.666666	140068.450000	146741.366666	136168.666666	

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Aliphatic C21-C28	116856.530000	119386.550000	131107.150000	138592.400000	130095.000000	
Aliphatic C28-C40	91381.105000	95912.193333	105225.716666	112364.216666	113311.066666	
Aliphatic EPH	113547.481666	115837.127777	127203.605555	134066.794444	127848.266666	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068103.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 08:47
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jan 25 04:21:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:20:44 2025
 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)	11.437	14573832	90.197 ug/ml
Spiked Amount 50.000		Recovery =	180.39%
12) S 1-chlorooctadecane (S...	12.874	10772279	90.162 ug/ml
Spiked Amount 50.000		Recovery =	180.32%
Target Compounds			
1) T n-Nonane (C9)	3.236	12896666	91.779 ug/ml
2) T n-Decane (C10)	4.295	13082082	91.420 ug/ml
3) T A~Naphthalene (C11.7)	5.865	14453299	92.959 ug/ml
4) T n-Dodecane (C12)	6.306	13141173	90.994 ug/ml
5) T A~2-methylnaphthalene...	6.919	14003977	93.520 ug/ml
6) T n-Tetradecane (C14)	8.094	12889444	91.139 ug/ml
7) T n-Hexadecane (C16)	9.690	13113038	90.926 ug/ml
8) T n-Octadecane (C18)	11.130	13072737	89.981 ug/ml
10) T n-Eicosane (C20)	12.434	12431492	89.576 ug/ml
11) T n-Heneicosane (C21)	13.044	12187560	89.521 ug/ml
13) T n-Docosane (C22)	13.628	12054623	90.262 ug/ml
14) T n-Tetracosane (C24)	14.728	11873929	89.419 ug/ml
15) T n-Hexacosane (C26)	15.746	11563228	88.873 ug/ml
16) T n-Octacosane (C28)	16.694	11250832	87.913 ug/ml
17) T n-Tricontane (C30)	17.581	11253721	85.521 ug/ml
18) T n-Dotriacontane (C32)	18.410	10723134	84.881 ug/ml
19) T n-Tetratriacontane (C34)	19.191	9454823	86.012 ug/ml
20) T n-Hexatriacontane (C36)	19.928	8235414	87.729 ug/ml
21) T n-Octatriacontane (C38)	20.642	7745753	88.219 ug/ml
22) T n-Tetracontane (C40)	21.501	7415818	90.622 ug/ml

(f)=RT Delta > 1/2 Window

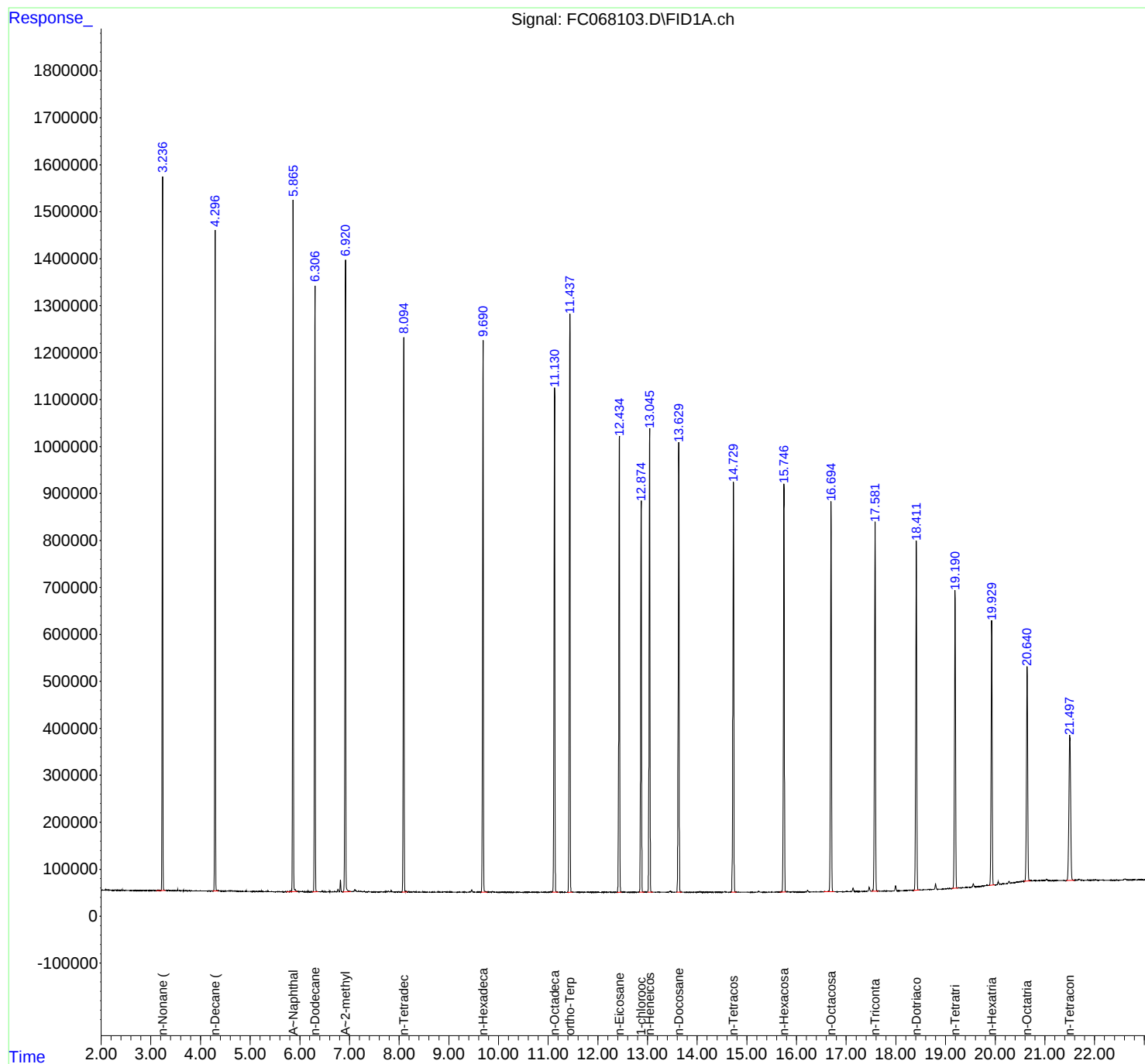
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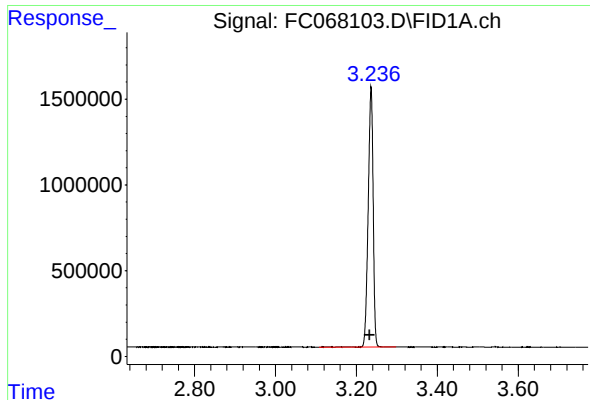
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
Data File : FC068103.D
Signal(s) : FID1A.ch
Acq On : 24 Jan 2025 08:47
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jan 25 04:21:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:20:44 2025
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)

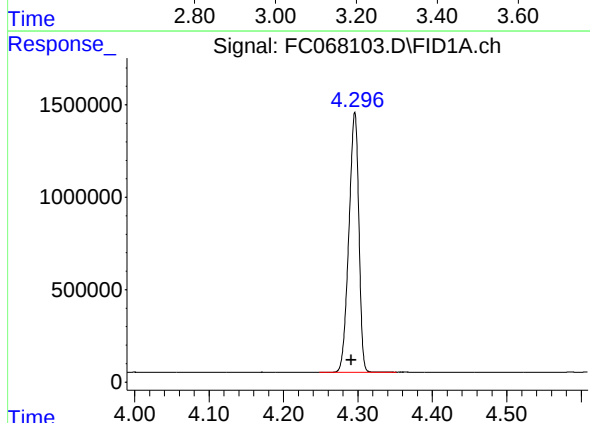
R.T.: 3.236 min
Delta R.T.: 0.003 min
Response: 12896666
Conc: 91.78 ug/ml

Instrument :

FID_C

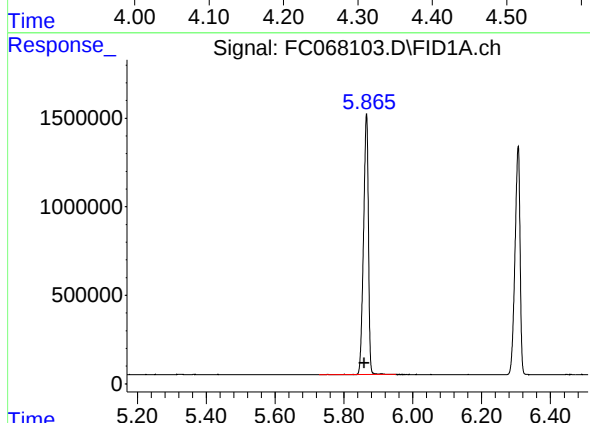
ClientSampleId :

100 PPM ALIPHATIC HC STD1



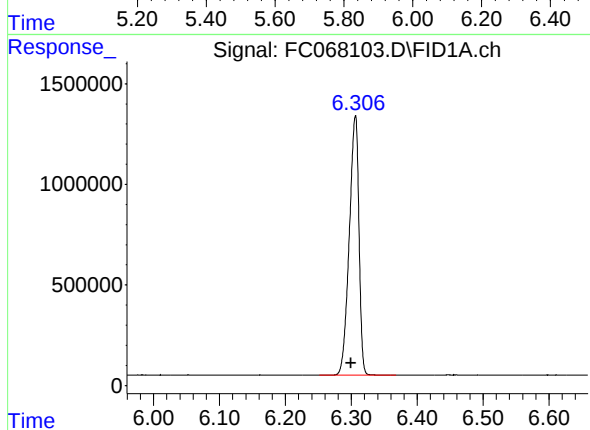
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: 0.004 min
Response: 13082082
Conc: 91.42 ug/ml



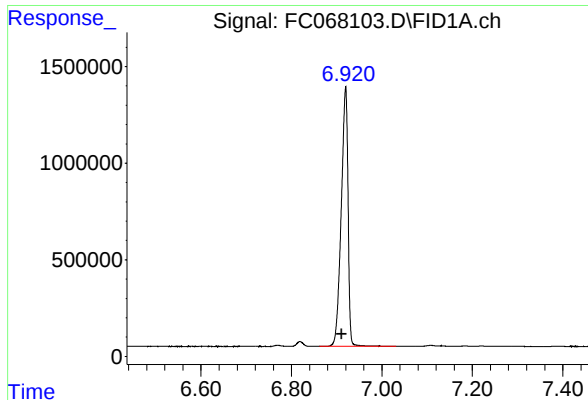
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: 0.006 min
Response: 14453299
Conc: 92.96 ug/ml



#4 n-Dodecane (C12)

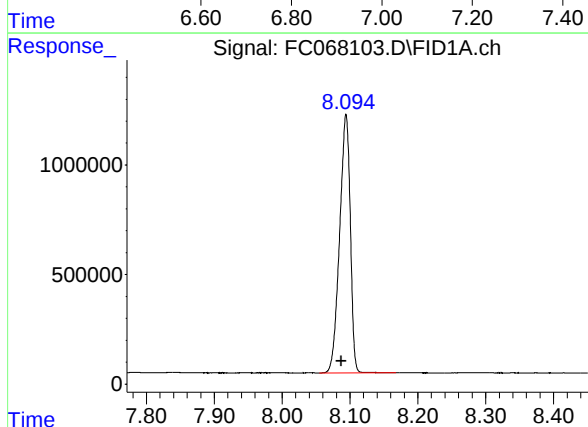
R.T.: 6.306 min
Delta R.T.: 0.006 min
Response: 13141173
Conc: 90.99 ug/ml



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

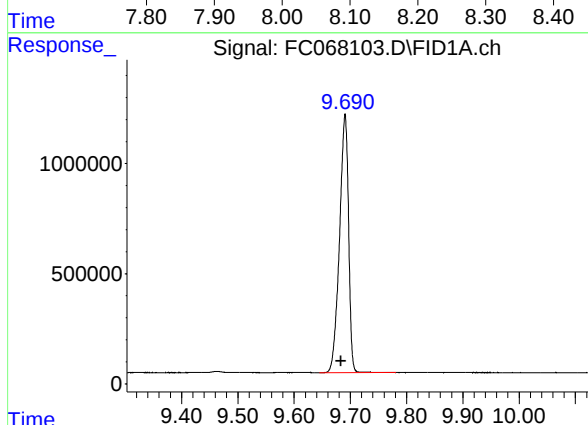
R.T.: 6.919 min
Delta R.T.: 0.008 min
Response: 14003977
Conc: 93.52 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



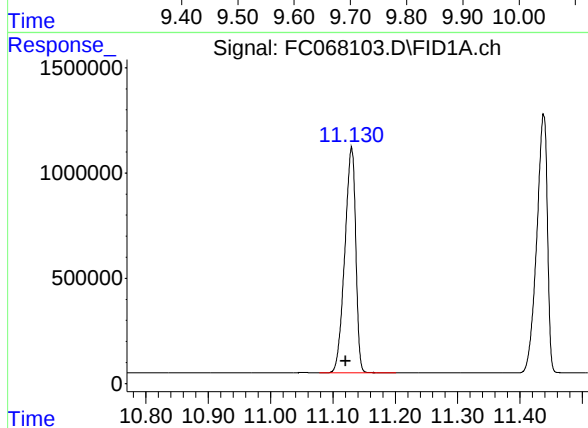
#6 n-Tetradecane (C14)

R.T.: 8.094 min
Delta R.T.: 0.007 min
Response: 12889444
Conc: 91.14 ug/ml



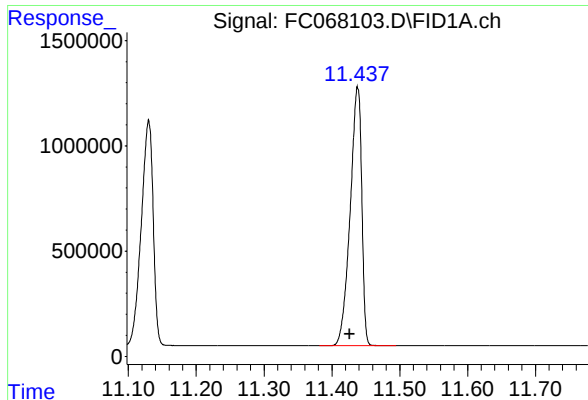
#7 n-Hexadecane (C16)

R.T.: 9.690 min
Delta R.T.: 0.007 min
Response: 13113038
Conc: 90.93 ug/ml



#8 n-Octadecane (C18)

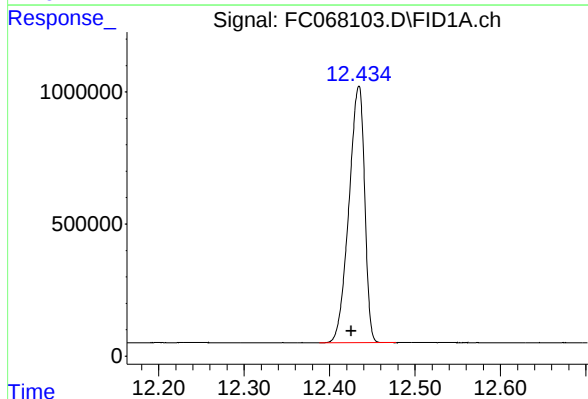
R.T.: 11.130 min
Delta R.T.: 0.009 min
Response: 13072737
Conc: 89.98 ug/ml



#9 ortho-Terphenyl (SURR)

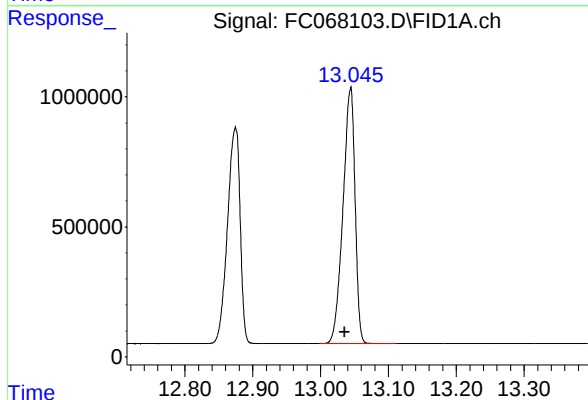
R.T.: 11.437 min
Delta R.T.: 0.011 min
Response: 14573832
Conc: 90.20 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



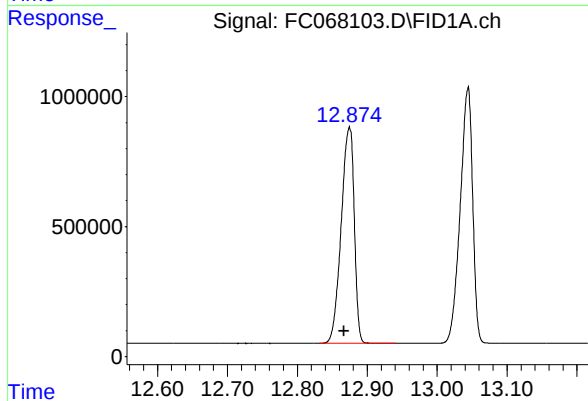
#10 n-Eicosane (C20)

R.T.: 12.434 min
Delta R.T.: 0.008 min
Response: 12431492
Conc: 89.58 ug/ml



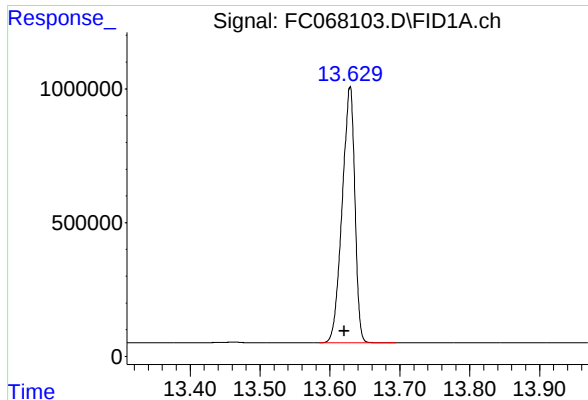
#11 n-Heneicosane (C21)

R.T.: 13.044 min
Delta R.T.: 0.008 min
Response: 12187560
Conc: 89.52 ug/ml



#12 1-chlorooctadecane (SURR)

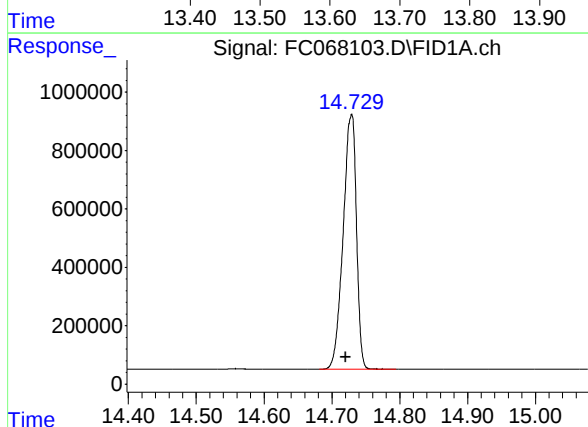
R.T.: 12.874 min
Delta R.T.: 0.007 min
Response: 10772279
Conc: 90.16 ug/ml



#13 n-Docosane (C22)

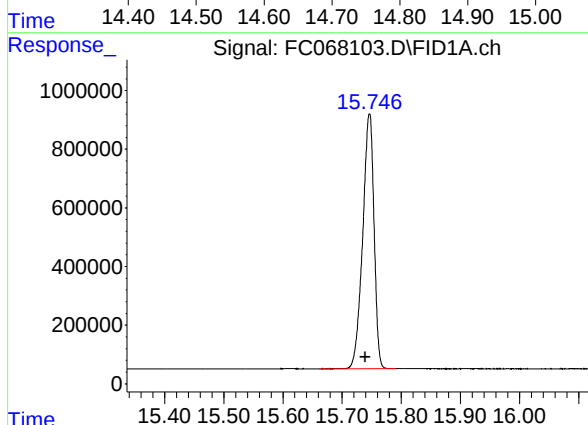
R.T.: 13.628 min
Delta R.T.: 0.008 min
Response: 12054623
Conc: 90.26 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



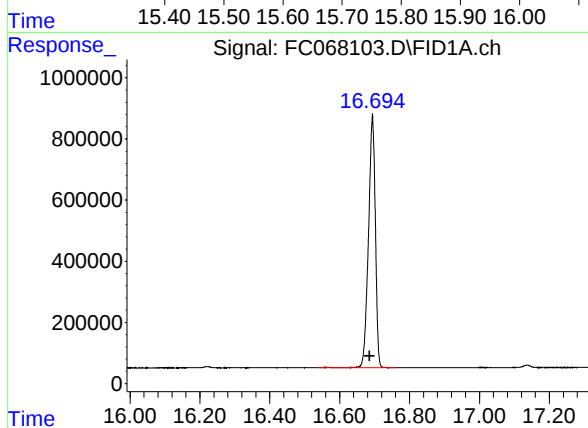
#14 n-Tetracosane (C24)

R.T.: 14.728 min
Delta R.T.: 0.008 min
Response: 11873929
Conc: 89.42 ug/ml



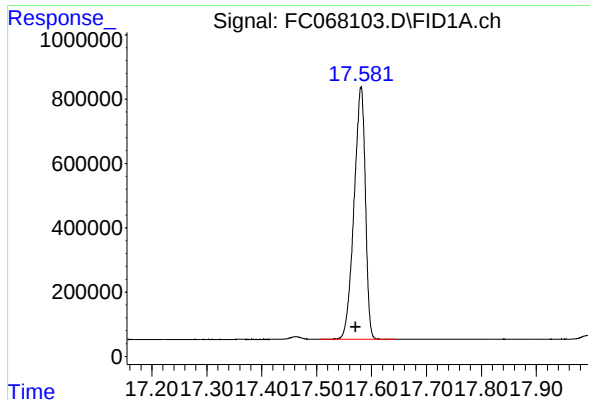
#15 n-Hexacosane (C26)

R.T.: 15.746 min
Delta R.T.: 0.007 min
Response: 11563228
Conc: 88.87 ug/ml



#16 n-Octacosane (C28)

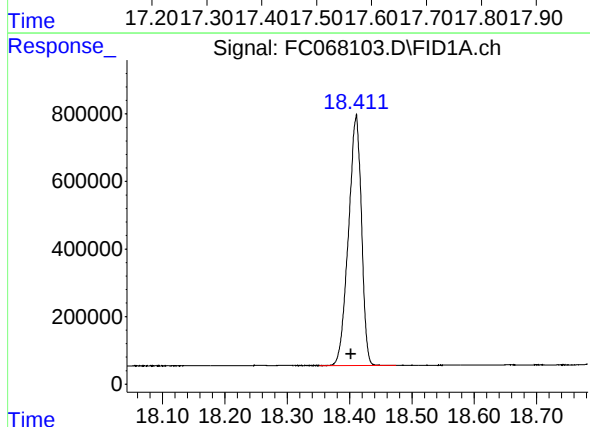
R.T.: 16.694 min
Delta R.T.: 0.008 min
Response: 11250832
Conc: 87.91 ug/ml



#17 n-Tricontane (C30)

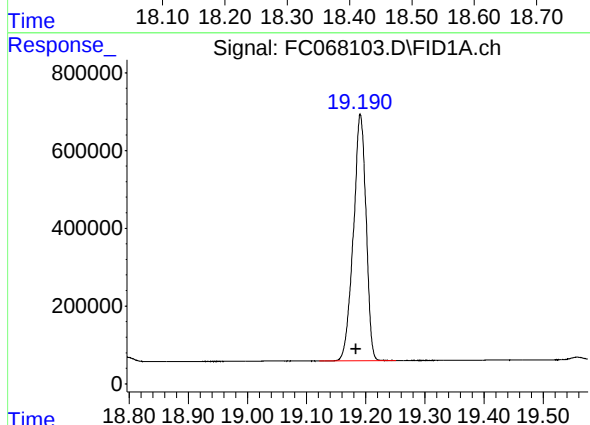
R.T.: 17.581 min
Delta R.T.: 0.009 min
Response: 11253721
Conc: 85.52 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



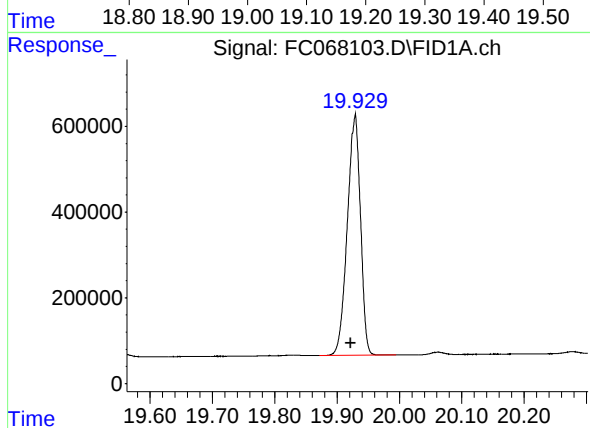
#18 n-Dotriacontane (C32)

R.T.: 18.410 min
Delta R.T.: 0.008 min
Response: 10723134
Conc: 84.88 ug/ml



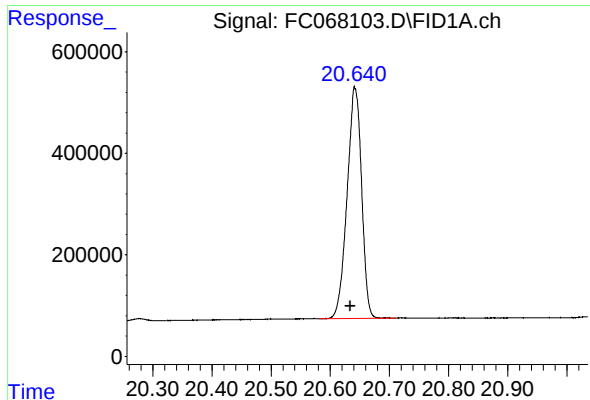
#19 n-Tetatriacontane (C34)

R.T.: 19.191 min
Delta R.T.: 0.008 min
Response: 9454823
Conc: 86.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.928 min
Delta R.T.: 0.006 min
Response: 8235414
Conc: 87.73 ug/ml



#21 n-Octatriacontane (C38)

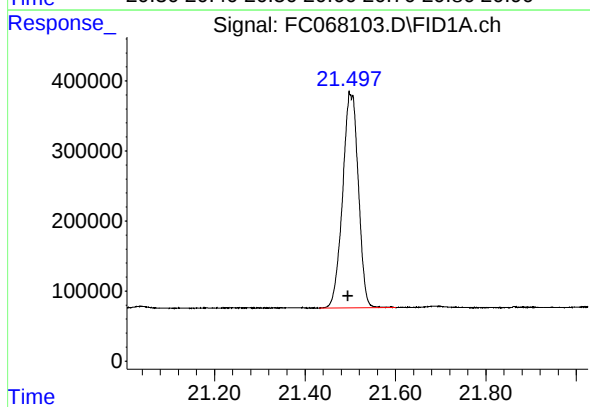
R.T.: 20.642 min
Delta R.T.: 0.008 min
Response: 7745753
Conc: 88.22 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.501 min
Delta R.T.: 0.006 min
Response: 7415818
Conc: 90.62 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068103.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 08:47
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.236	3.108	3.298	BB	1476777	12896666	88.49%	4.995%
2	4.295	4.248	4.351	BB	1389988	13082082	89.76%	5.067%
3	5.865	5.728	5.951	BB	1463650	14453299	99.17%	5.598%
4	6.306	6.251	6.368	BB	1273767	13141173	90.17%	5.090%
5	6.919	6.861	7.031	BB	1308343	14003977	96.09%	5.424%
6	8.094	8.054	8.168	BB	1186157	12889444	88.44%	4.992%
7	9.690	9.644	9.781	BB	1180215	13113038	89.98%	5.079%
8	11.130	11.078	11.201	BB	1079467	13072737	89.70%	5.063%
9	11.437	11.381	11.494	BB	1234445	14573832	100.00%	5.645%
10	12.434	12.388	12.478	BB	978654	12431492	85.30%	4.815%
11	12.874	12.831	12.941	BB	832699	10772279	73.92%	4.172%
12	13.044	12.998	13.111	BB	991571	12187560	83.63%	4.720%
13	13.628	13.584	13.694	BB	957218	12054623	82.71%	4.669%
14	14.728	14.681	14.794	BB	869860	11873929	81.47%	4.599%
15	15.746	15.661	15.791	BB	868521	11563228	79.34%	4.479%
16	16.694	16.541	16.761	BB	818402	11250832	77.20%	4.358%
17	17.581	17.504	17.644	BB	789424	11253721	77.22%	4.359%
18	18.410	18.351	18.474	BB	740134	10723134	73.58%	4.153%
19	19.191	19.121	19.251	BB	633829	9454823	64.88%	3.662%
20	19.928	19.871	19.994	BB	551088	8235414	56.51%	3.190%
21	20.642	20.581	20.711	BB	456102	7745753	53.15%	3.000%
22	21.501	21.431	21.601	BB	302473	7415818	50.88%	2.872%
Sum of corrected areas:						258188854		

Aliphatic EPH 012425.M Sat Jan 25 04:55:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068104.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 09:23
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 25 04:21:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:20:44 2025
 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			
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Spiked Amount 50.000		Recovery =	90.64%
12) S 1-chlorooctadecane (S...	12.869	5415134	45.324 ug/ml
Spiked Amount 50.000		Recovery =	90.65%
Target Compounds			
1) T n-Nonane (C9)	3.234	6442775	45.850 ug/ml
2) T n-Decane (C10)	4.293	6559814	45.841 ug/ml
3) T A~Naphthalene (C11.7)	5.861	7202894	46.327 ug/ml
4) T n-Dodecane (C12)	6.301	6592781	45.651 ug/ml
5) T A~2-methylnaphthalene...	6.914	6965539	46.516 ug/ml
6) T n-Tetradecane (C14)	8.090	6460619	45.682 ug/ml
7) T n-Hexadecane (C16)	9.686	6574658	45.589 ug/ml
8) T n-Octadecane (C18)	11.124	6583402	45.314 ug/ml
10) T n-Eicosane (C20)	12.428	6256943	45.085 ug/ml
11) T n-Heneicosane (C21)	13.039	6131455	45.037 ug/ml
13) T n-Docosane (C22)	13.623	6085749	45.568 ug/ml
14) T n-Tetracosane (C24)	14.724	6046058	45.531 ug/ml
15) T n-Hexacosane (C26)	15.743	5918808	45.491 ug/ml
16) T n-Octacosane (C28)	16.690	5826695	45.529 ug/ml
17) T n-Tricontane (C30)	17.575	5915990	44.958 ug/ml
18) T n-Dotriacontane (C32)	18.406	5678551	44.949 ug/ml
19) T n-Tetratriacontane (C34)	19.187	4970299	45.215 ug/ml
20) T n-Hexatriacontane (C36)	19.924	4283541	45.631 ug/ml
21) T n-Octatriacontane (C38)	20.638	4034854	45.955 ug/ml
22) T n-Tetracontane (C40)	21.498	3890423	47.541 ug/ml

(f)=RT Delta > 1/2 Window

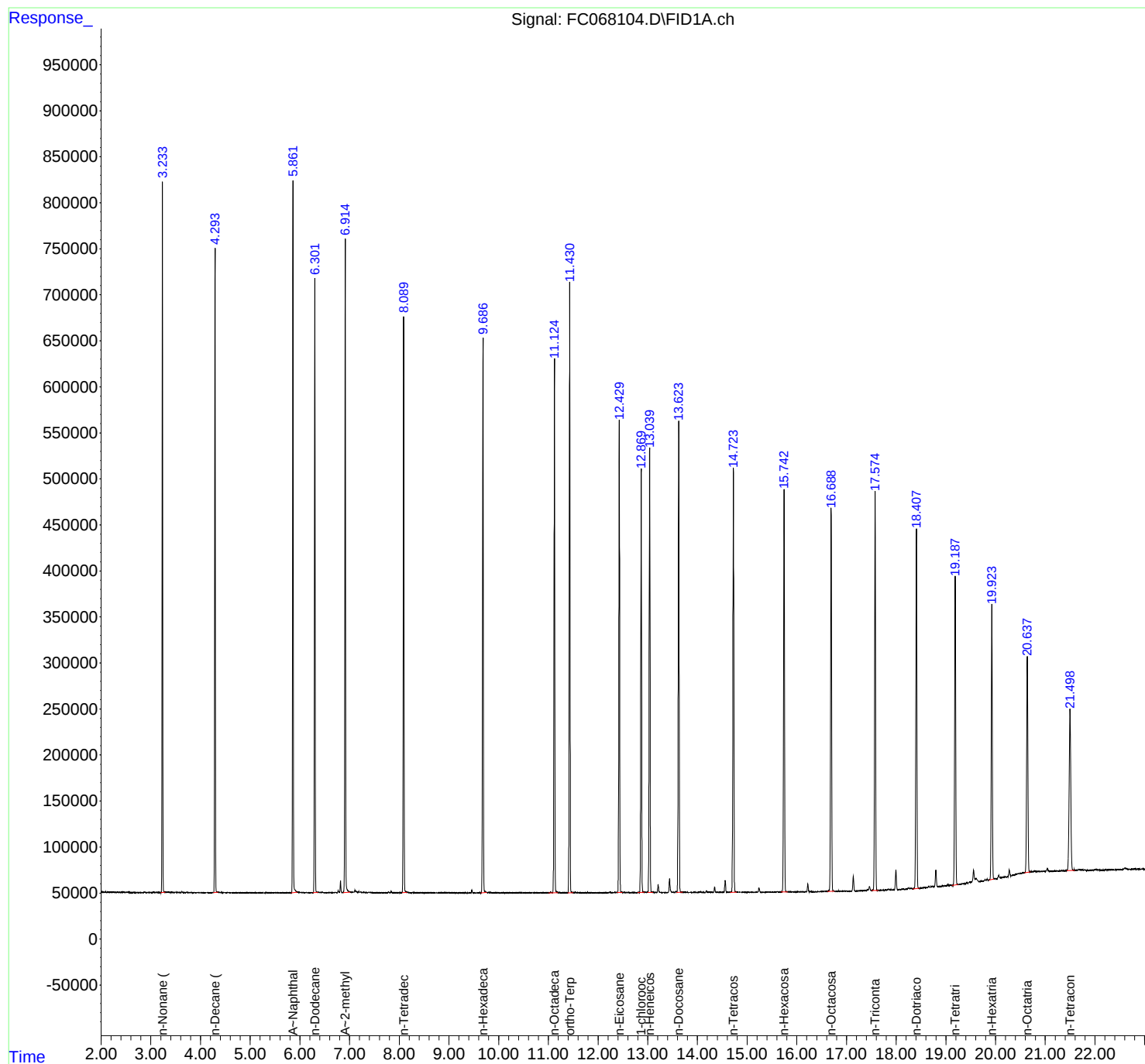
(m)=manual int.

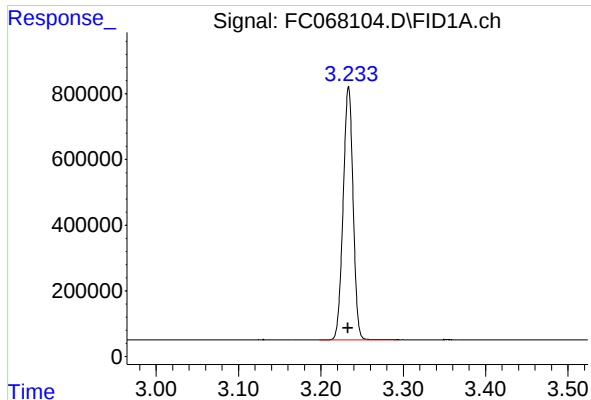
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
Data File : FC068104.D
Signal(s) : FID1A.ch
Acq On : 24 Jan 2025 09:23
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Jan 25 04:21:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

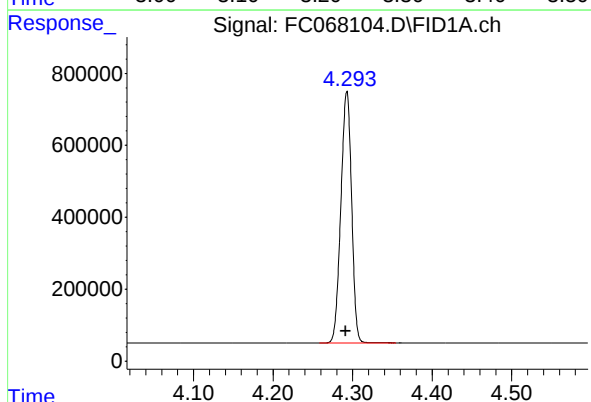




#1 n-Nonane (C9)

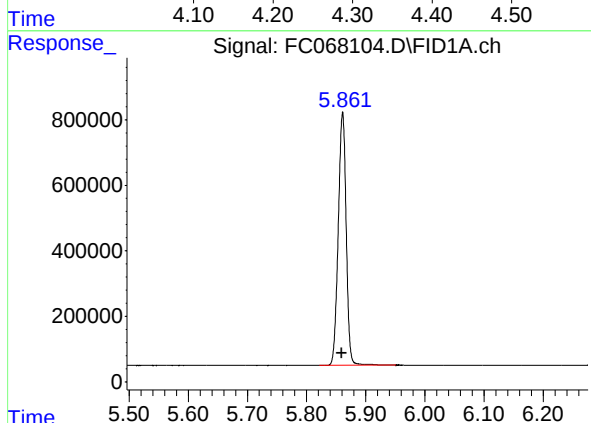
R.T.: 3.234 min
Delta R.T.: 0.000 min
Response: 6442775
Conc: 45.85 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



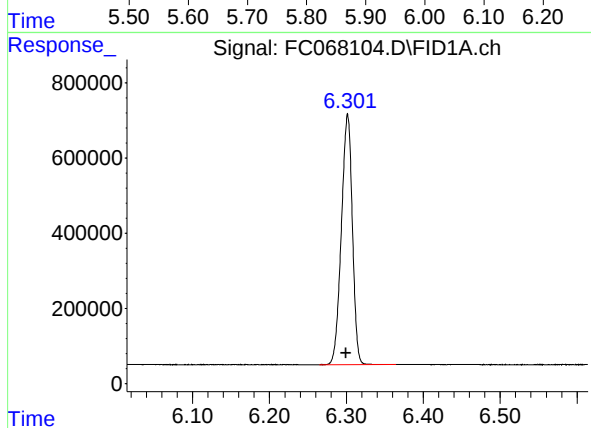
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: 0.001 min
Response: 6559814
Conc: 45.84 ug/ml



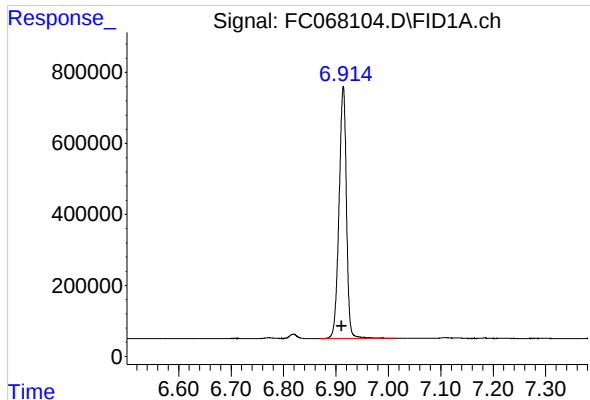
#3 A~Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 7202894
Conc: 46.33 ug/ml



#4 n-Dodecane (C12)

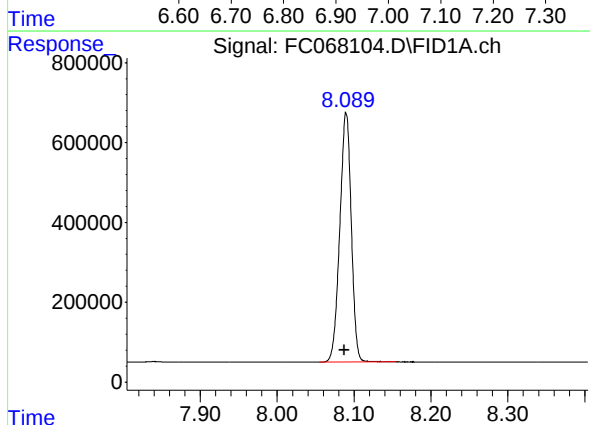
R.T.: 6.301 min
Delta R.T.: 0.002 min
Response: 6592781
Conc: 45.65 ug/ml



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

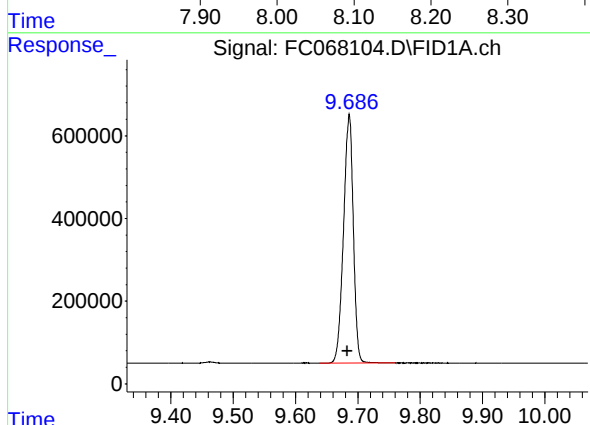
R.T.: 6.914 min
Delta R.T.: 0.003 min
Response: 6965539
Conc: 46.52 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



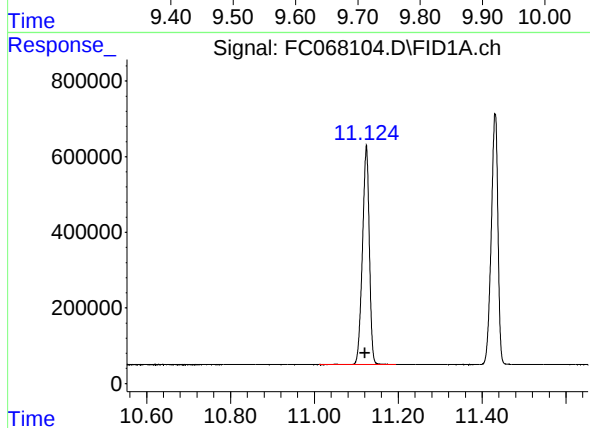
#6 n-Tetradecane (C14)

R.T.: 8.090 min
Delta R.T.: 0.002 min
Response: 6460619
Conc: 45.68 ug/ml



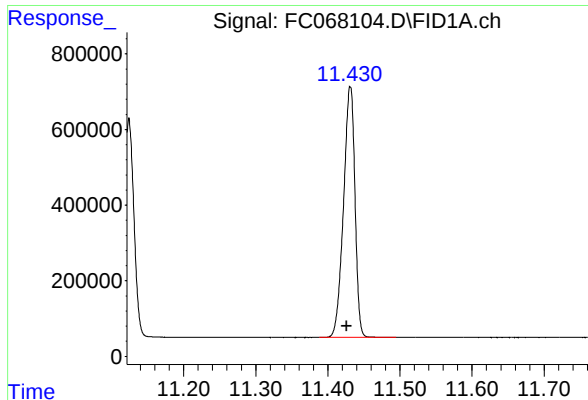
#7 n-Hexadecane (C16)

R.T.: 9.686 min
Delta R.T.: 0.003 min
Response: 6574658
Conc: 45.59 ug/ml



#8 n-Octadecane (C18)

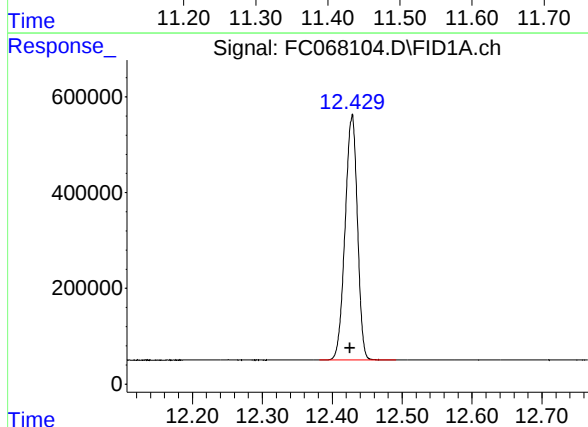
R.T.: 11.124 min
Delta R.T.: 0.003 min
Response: 6583402
Conc: 45.31 ug/ml



#9 ortho-Terphenyl (SURR)

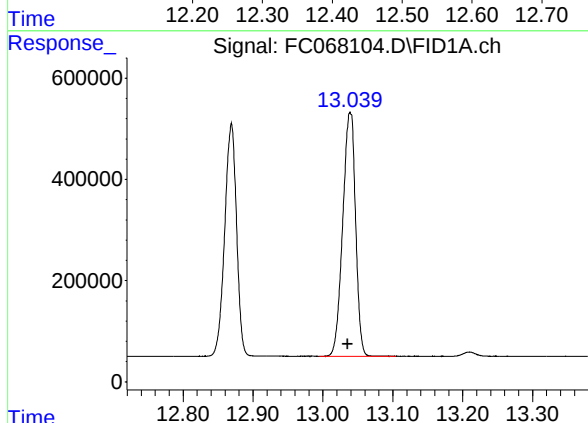
R.T.: 11.431 min
Delta R.T.: 0.005 min
Response: 7322791
Conc: 45.32 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



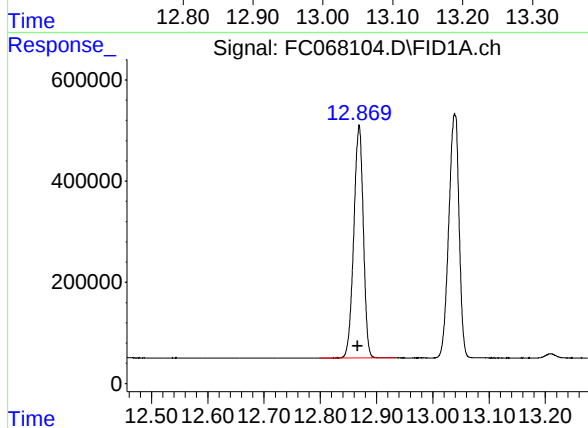
#10 n-Eicosane (C20)

R.T.: 12.428 min
Delta R.T.: 0.003 min
Response: 6256943
Conc: 45.08 ug/ml



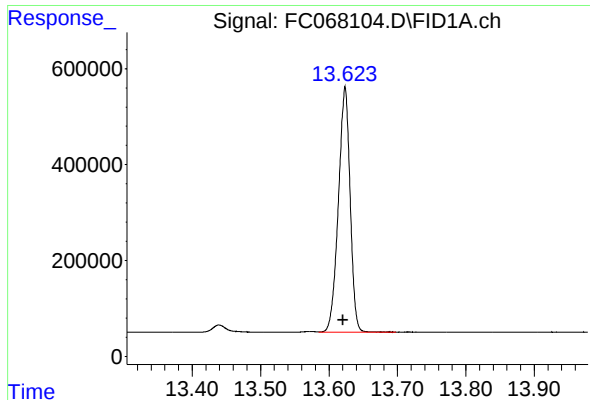
#11 n-Heneicosane (C21)

R.T.: 13.039 min
Delta R.T.: 0.003 min
Response: 6131455
Conc: 45.04 ug/ml



#12 1-chlorooctadecane (SURR)

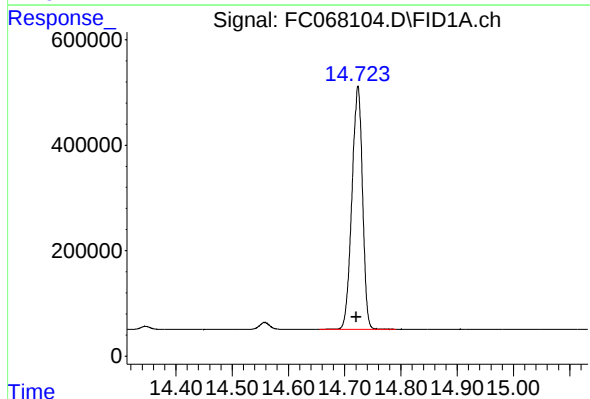
R.T.: 12.869 min
Delta R.T.: 0.002 min
Response: 5415134
Conc: 45.32 ug/ml



#13 n-Docosane (C22)

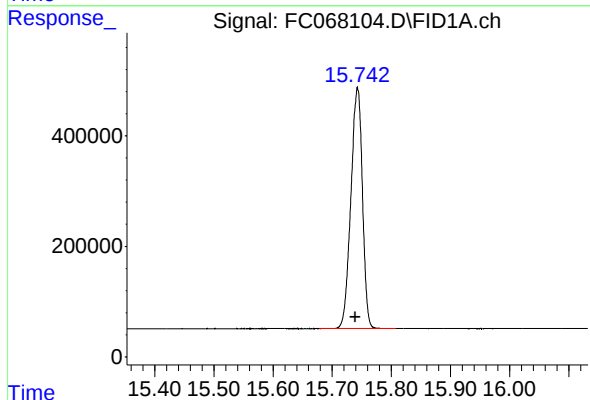
R.T.: 13.623 min
Delta R.T.: 0.003 min
Response: 6085749
Conc: 45.57 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



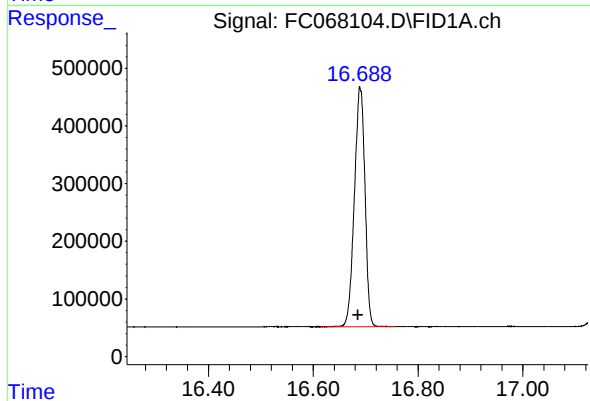
#14 n-Tetracosane (C24)

R.T.: 14.724 min
Delta R.T.: 0.003 min
Response: 6046058
Conc: 45.53 ug/ml



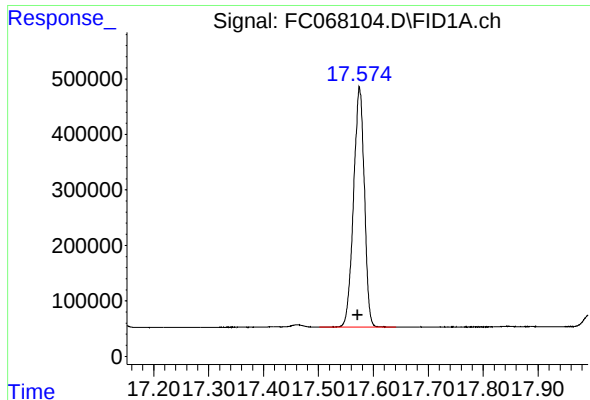
#15 n-Hexacosane (C26)

R.T.: 15.743 min
Delta R.T.: 0.003 min
Response: 5918808
Conc: 45.49 ug/ml



#16 n-Octacosane (C28)

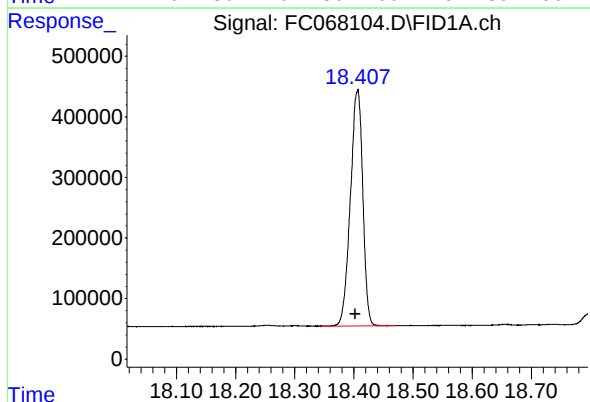
R.T.: 16.690 min
Delta R.T.: 0.004 min
Response: 5826695
Conc: 45.53 ug/ml



#17 n-Tricontane (C30)

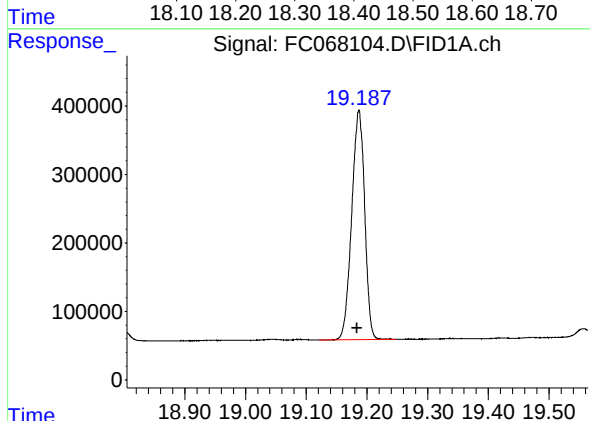
R.T.: 17.575 min
Delta R.T.: 0.004 min
Response: 5915990
Conc: 44.96 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



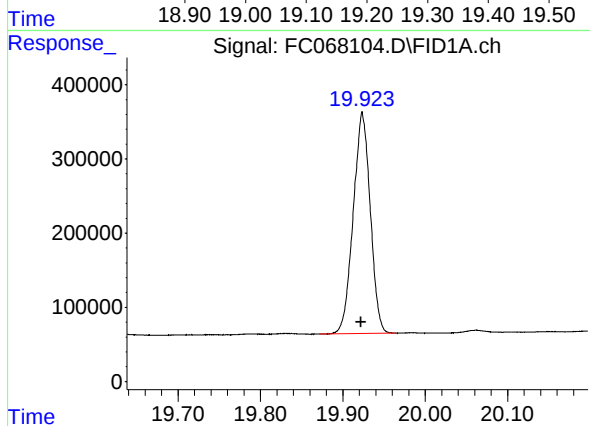
#18 n-Dotriacontane (C32)

R.T.: 18.406 min
Delta R.T.: 0.004 min
Response: 5678551
Conc: 44.95 ug/ml



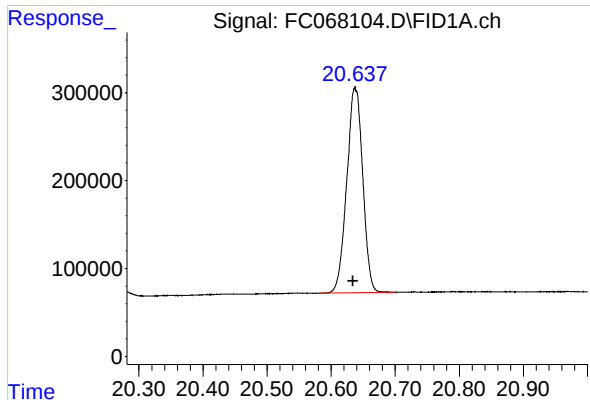
#19 n-Tetratriacontane (C34)

R.T.: 19.187 min
Delta R.T.: 0.003 min
Response: 4970299
Conc: 45.22 ug/ml



#20 n-Hexatriacontane (C36)

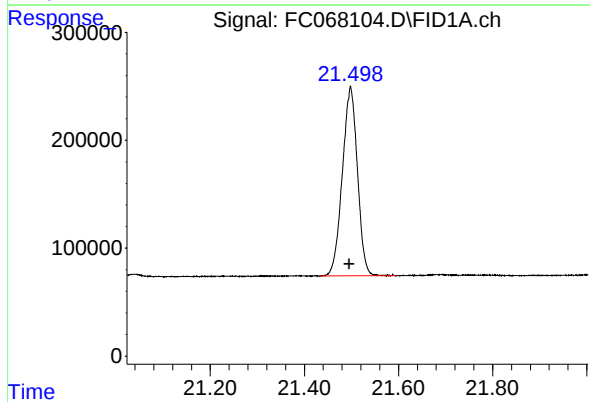
R.T.: 19.924 min
Delta R.T.: 0.002 min
Response: 4283541
Conc: 45.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.638 min
Delta R.T.: 0.003 min
Response: 4034854
Conc: 45.95 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.498 min
Delta R.T.: 0.003 min
Response: 3890423
Conc: 47.54 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068104.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 09:23
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.234	3.198	3.291	BB	774278	6442775	87.98%	4.912%
2	4.293	4.258	4.355	BB	693906	6559814	89.58%	5.001%
3	5.861	5.821	5.951	BB	772740	7202894	98.36%	5.492%
4	6.301	6.265	6.365	BB	662417	6592781	90.03%	5.027%
5	6.914	6.868	7.015	BB	713919	6965539	95.12%	5.311%
6	8.090	8.055	8.155	BB	627229	6460619	88.23%	4.926%
7	9.686	9.638	9.761	BB	591032	6574658	89.78%	5.013%
8	11.124	11.011	11.195	BB	577849	6583402	89.90%	5.019%
9	11.431	11.388	11.495	BB	668563	7322791	100.00%	5.583%
10	12.428	12.381	12.491	BB	508780	6256943	85.44%	4.770%
11	12.869	12.798	12.935	BB	454323	5415134	73.95%	4.129%
12	13.039	12.995	13.105	BB	483558	6131455	83.73%	4.675%
13	13.623	13.585	13.698	VB	513190	6085749	83.11%	4.640%
14	14.724	14.655	14.791	BB	462982	6046058	82.56%	4.610%
15	15.743	15.678	15.808	BB	432175	5918808	80.83%	4.513%
16	16.690	16.611	16.758	BB	414810	5826695	79.57%	4.442%
17	17.575	17.501	17.641	BB	432146	5915990	80.79%	4.511%
18	18.406	18.341	18.471	BB	388200	5678551	77.55%	4.329%
19	19.187	19.121	19.248	BB	335389	4970299	67.87%	3.789%
20	19.924	19.871	19.965	BB	294922	4283541	58.50%	3.266%
21	20.638	20.581	20.701	BB	232299	4034854	55.10%	3.076%
22	21.498	21.431	21.595	BB	175086	3890423	53.13%	2.966%
Sum of corrected areas:						131159772		

Aliphatic EPH 012425.M Sat Jan 25 04:55:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068105.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 09:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jan 25 04:21:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:20:44 2025
 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)	11.426	3231539	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.867	2389546	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.233	2810367	20.000 ug/ml
2) T n-Decane (C10)	4.291	2861961	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.859	3109613	20.000 ug/ml
4) T n-Dodecane (C12)	6.300	2888346	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.911	2994869	20.000 ug/ml
6) T n-Tetradecane (C14)	8.087	2828524	20.000 ug/ml
7) T n-Hexadecane (C16)	9.683	2884335	20.000 ug/ml
8) T n-Octadecane (C18)	11.120	2905661	20.000 ug/ml
10) T n-Eicosane (C20)	12.426	2775623	20.000 ug/ml
11) T n-Heneicosane (C21)	13.035	2722823	20.000 ug/ml
13) T n-Docosane (C22)	13.620	2671035	20.000 ug/ml
14) T n-Tetracosane (C24)	14.720	2655805	20.000 ug/ml
15) T n-Hexacosane (C26)	15.739	2602198	20.000 ug/ml
16) T n-Octacosane (C28)	16.686	2559534	20.000 ug/ml
17) T n-Tricontane (C30)	17.571	2631800	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.402	2526641	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.183	2198499	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.922	1877473	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.634	1756021	20.000 ug/ml
22) T n-Tetracontane (C40)	21.495	1636652	20.000 ug/ml

(f)=RT Delta > 1/2 Window

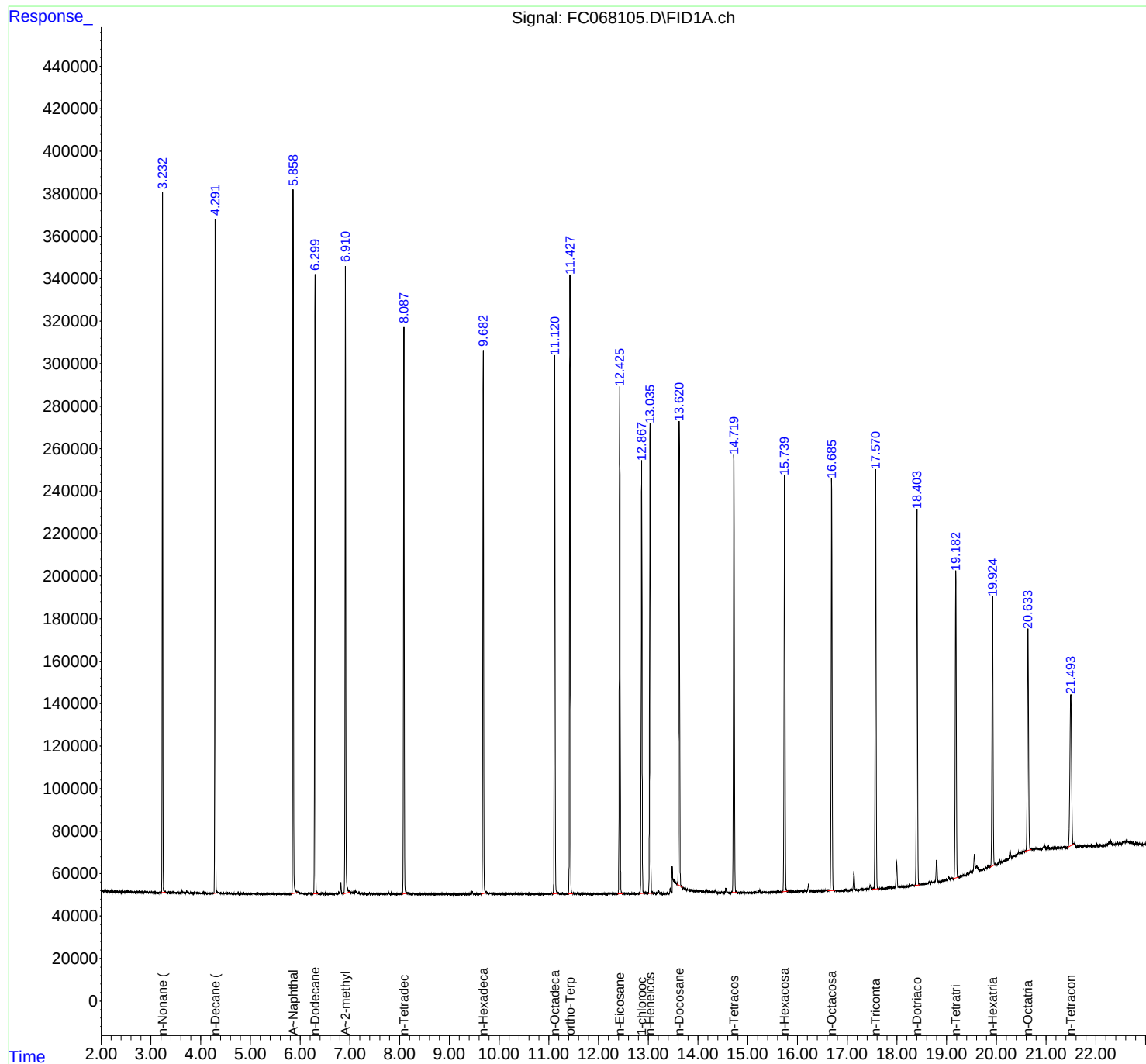
(m)=manual int.

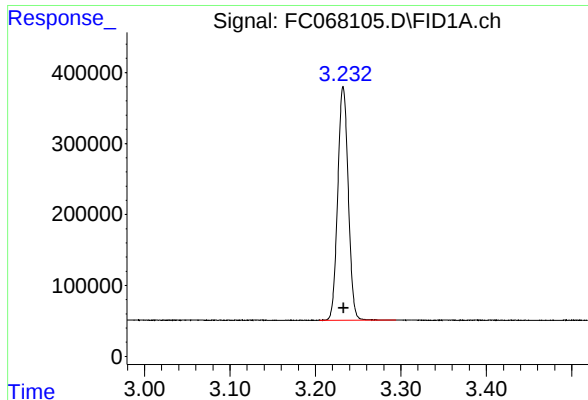
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
Data File : FC068105.D
Signal(s) : FID1A.ch
Acq On : 24 Jan 2025 09:58
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Jan 25 04:21:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

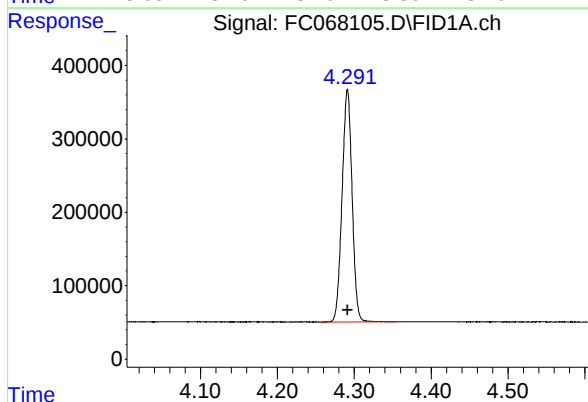




#1 n-Nonane (C9)

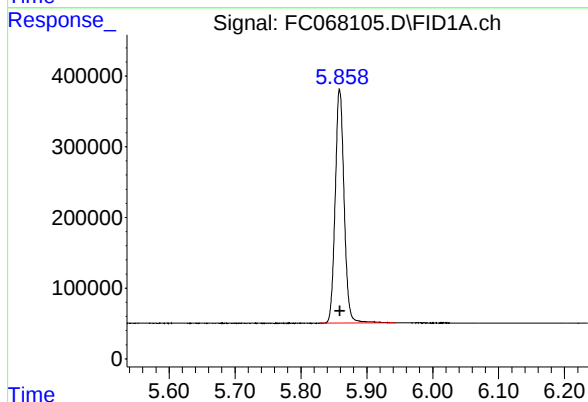
R.T.: 3.233 min
Delta R.T.: 0.000 min
Response: 2810367
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



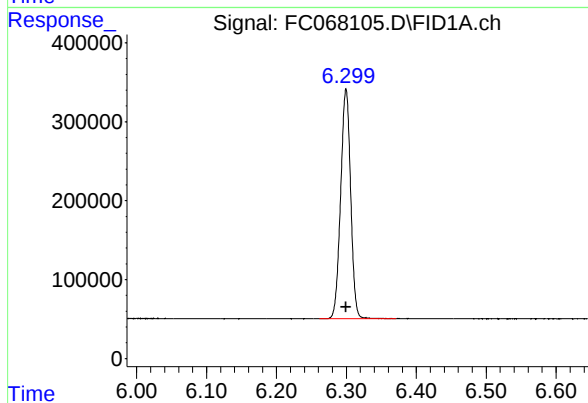
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 2861961
Conc: 20.00 ug/ml



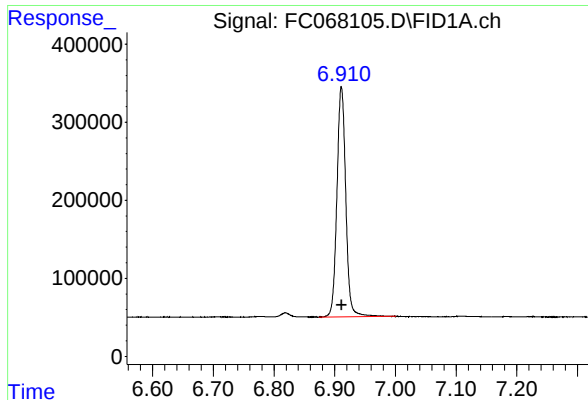
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 3109613
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

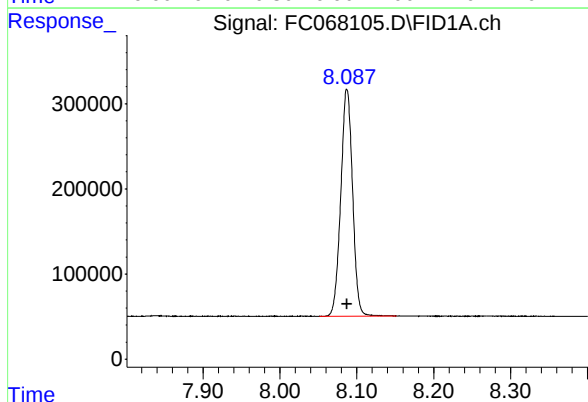
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 2888346
Conc: 20.00 ug/ml



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

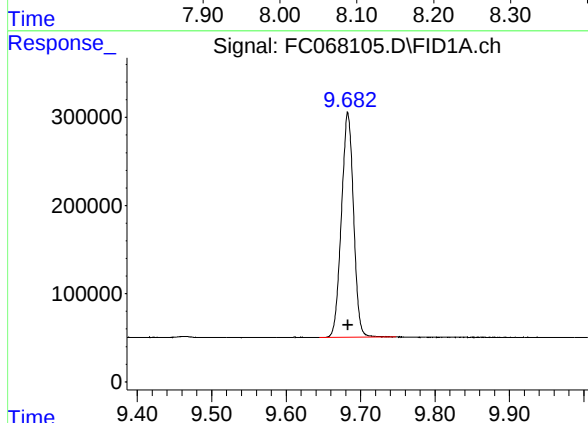
R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 2994869
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



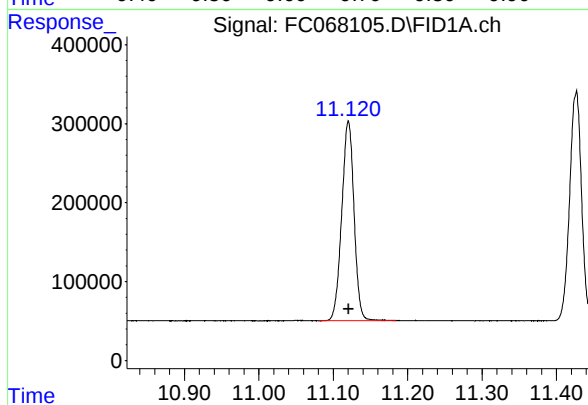
#6 n-Tetradecane (C14)

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 2828524
Conc: 20.00 ug/ml



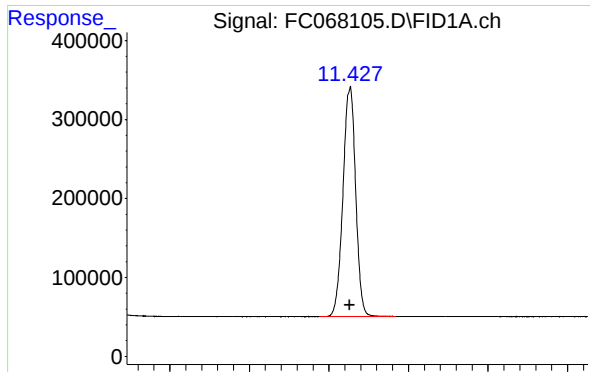
#7 n-Hexadecane (C16)

R.T.: 9.683 min
Delta R.T.: 0.000 min
Response: 2884335
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

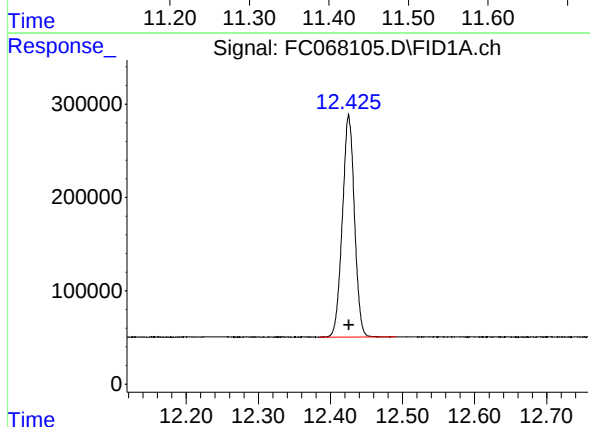
R.T.: 11.120 min
Delta R.T.: 0.000 min
Response: 2905661
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

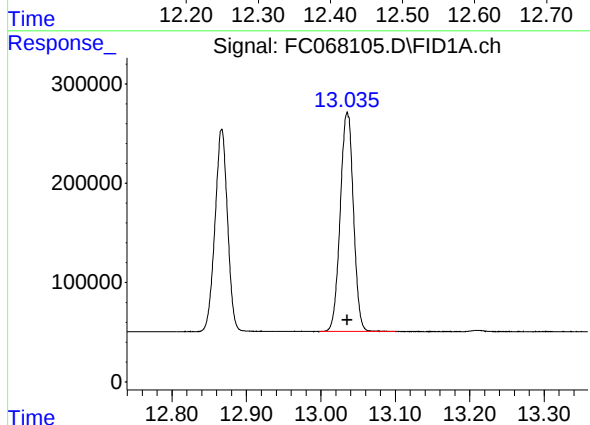
R.T.: 11.426 min
Delta R.T.: 0.000 min
Response: 3231539
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



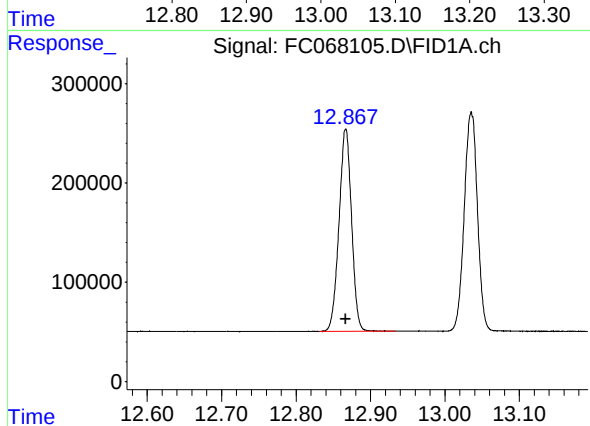
#10 n-Eicosane (C20)

R.T.: 12.426 min
Delta R.T.: 0.000 min
Response: 2775623
Conc: 20.00 ug/ml



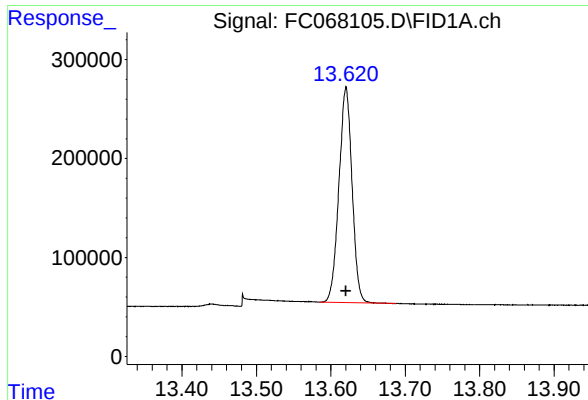
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 2722823
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

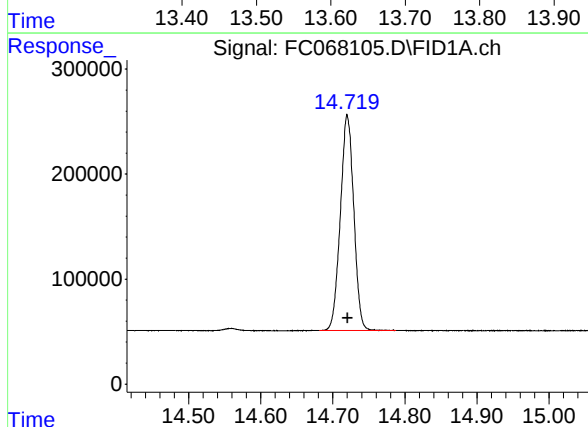
R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 2389546
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

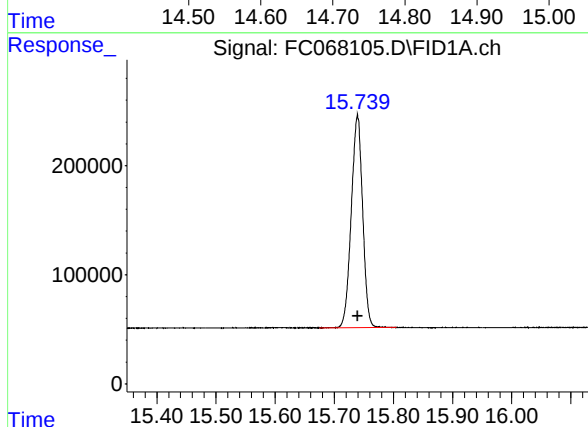
R.T.: 13.620 min
Delta R.T.: 0.000 min
Response: 2671035
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



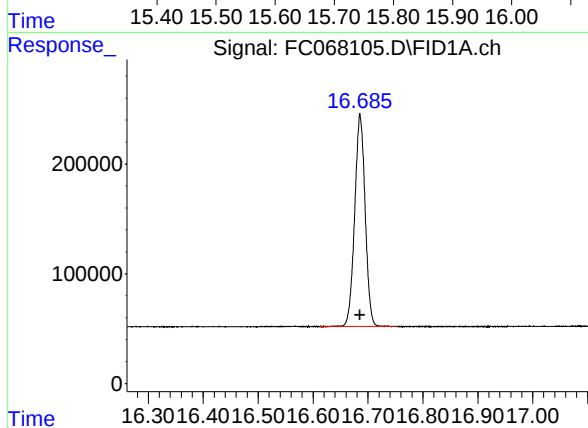
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: 0.000 min
Response: 2655805
Conc: 20.00 ug/ml



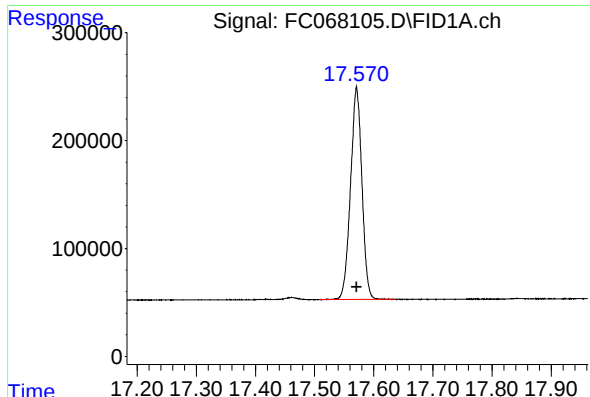
#15 n-Hexacosane (C26)

R.T.: 15.739 min
Delta R.T.: 0.000 min
Response: 2602198
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

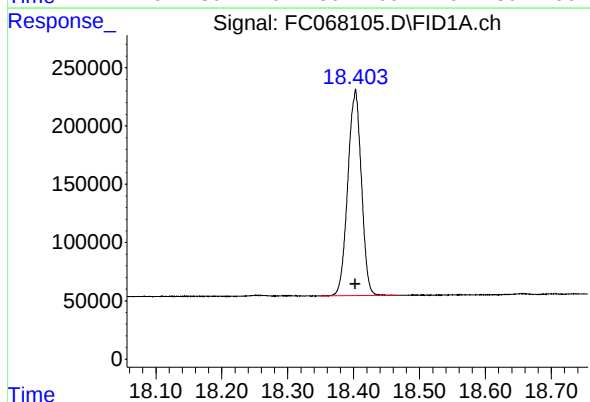
R.T.: 16.686 min
Delta R.T.: 0.000 min
Response: 2559534
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

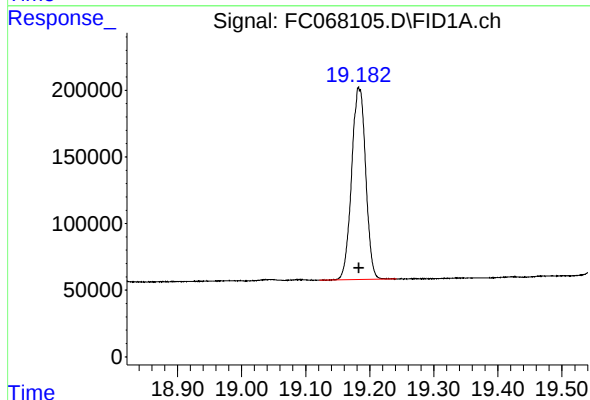
R.T.: 17.571 min
Delta R.T.: 0.000 min
Response: 2631800
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



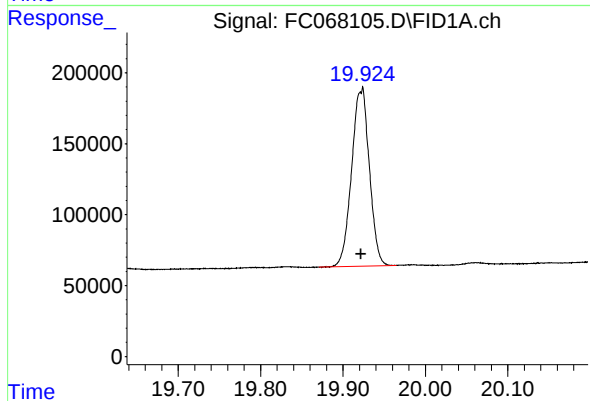
#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: 0.000 min
Response: 2526641
Conc: 20.00 ug/ml



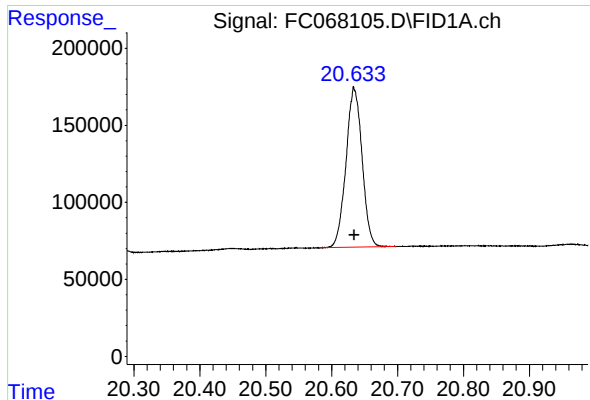
#19 n-Tetatriacontane (C34)

R.T.: 19.183 min
Delta R.T.: 0.000 min
Response: 2198499
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

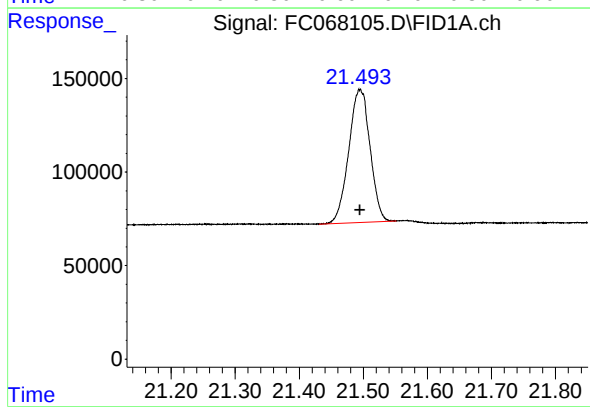
R.T.: 19.922 min
Delta R.T.: 0.000 min
Response: 1877473
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.634 min
Delta R.T.: 0.000 min
Response: 1756021
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.495 min
Delta R.T.: 0.000 min
Response: 1636652
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
Data File : FC068105.D
Signal(s) : FID1A.ch
Acq On : 24 Jan 2025 09:58
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.233	3.204	3.294	BB	327194	2810367	86.97%	4.886%
2	4.291	4.254	4.354	BB	316289	2861961	88.56%	4.976%
3	5.859	5.828	5.944	BB	331378	3109613	96.23%	5.406%
4	6.300	6.261	6.371	BB	291129	2888346	89.38%	5.022%
5	6.911	6.874	7.001	BB	294657	2994869	92.68%	5.207%
6	8.087	8.051	8.151	BB	267213	2828524	87.53%	4.918%
7	9.683	9.644	9.748	BB	252616	2884335	89.26%	5.015%
8	11.120	11.081	11.184	BB	252573	2905661	89.92%	5.052%
9	11.426	11.388	11.484	BB	292475	3231539	100.00%	5.618%
10	12.426	12.384	12.491	BB	237052	2775623	85.89%	4.826%
11	12.867	12.831	12.934	BB	204470	2389546	73.94%	4.154%
12	13.035	12.998	13.101	BB	221132	2722823	84.26%	4.734%
13	13.620	13.584	13.688	BB	216950	2671035	82.66%	4.644%
14	14.720	14.681	14.788	BB	203668	2655805	82.18%	4.617%
15	15.739	15.674	15.804	BB	193474	2602198	80.53%	4.524%
16	16.686	16.611	16.751	BB	191675	2559534	79.20%	4.450%
17	17.571	17.508	17.638	BB	195840	2631800	81.44%	4.576%
18	18.402	18.348	18.464	BB	172625	2526641	78.19%	4.393%
19	19.183	19.121	19.241	BB	143315	2198499	68.03%	3.822%
20	19.922	19.871	19.964	BB	123626	1877473	58.10%	3.264%
21	20.634	20.581	20.698	BB	103180	1756021	54.34%	3.053%
22	21.495	21.431	21.551	BB	71090	1636652	50.65%	2.845%
Sum of corrected areas:							57518864	

Aliphatic EPH 012425.M Sat Jan 25 04:55:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068106.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 10:34
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 25 04:21:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:20:44 2025
 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)	11.425	1693195	10.479 ug/ml
Spiked Amount 50.000		Recovery =	20.96%
12) S 1-chlorooctadecane (S...	12.865	1244032	10.412 ug/ml
Spiked Amount 50.000		Recovery =	20.82%
Target Compounds			
1) T n-Nonane (C9)	3.232	1475263	10.499 ug/ml
2) T n-Decane (C10)	4.291	1496558	10.458 ug/ml
3) T A~Naphthalene (C11.7)	5.859	1594666	10.256 ug/ml
4) T n-Dodecane (C12)	6.299	1504156	10.415 ug/ml
5) T A~2-methylnaphthalene...	6.911	1531057	10.225 ug/ml
6) T n-Tetradecane (C14)	8.087	1470817	10.400 ug/ml
7) T n-Hexadecane (C16)	9.682	1497439	10.383 ug/ml
8) T n-Octadecane (C18)	11.120	1516982	10.442 ug/ml
10) T n-Eicosane (C20)	12.424	1453910	10.476 ug/ml
11) T n-Heneicosane (C21)	13.035	1431349	10.514 ug/ml
13) T n-Docosane (C22)	13.620	1411126	10.566 ug/ml
14) T n-Tetracosane (C24)	14.719	1400111	10.544 ug/ml
15) T n-Hexacosane (C26)	15.737	1370317	10.532 ug/ml
16) T n-Octacosane (C28)	16.685	1362142	10.644 ug/ml
17) T n-Tricontane (C30)	17.570	1402454	10.658 ug/ml
18) T n-Dotriacontane (C32)	18.401	1354078	10.718 ug/ml
19) T n-Tetratriacontane (C34)	19.183	1175638	10.695 ug/ml
20) T n-Hexatriacontane (C36)	19.921	1013341	10.795 ug/ml
21) T n-Octatriacontane (C38)	20.635	924019	10.524 ug/ml
22) T n-Tetracontane (C40)	21.497	872323	10.660 ug/ml

(f)=RT Delta > 1/2 Window

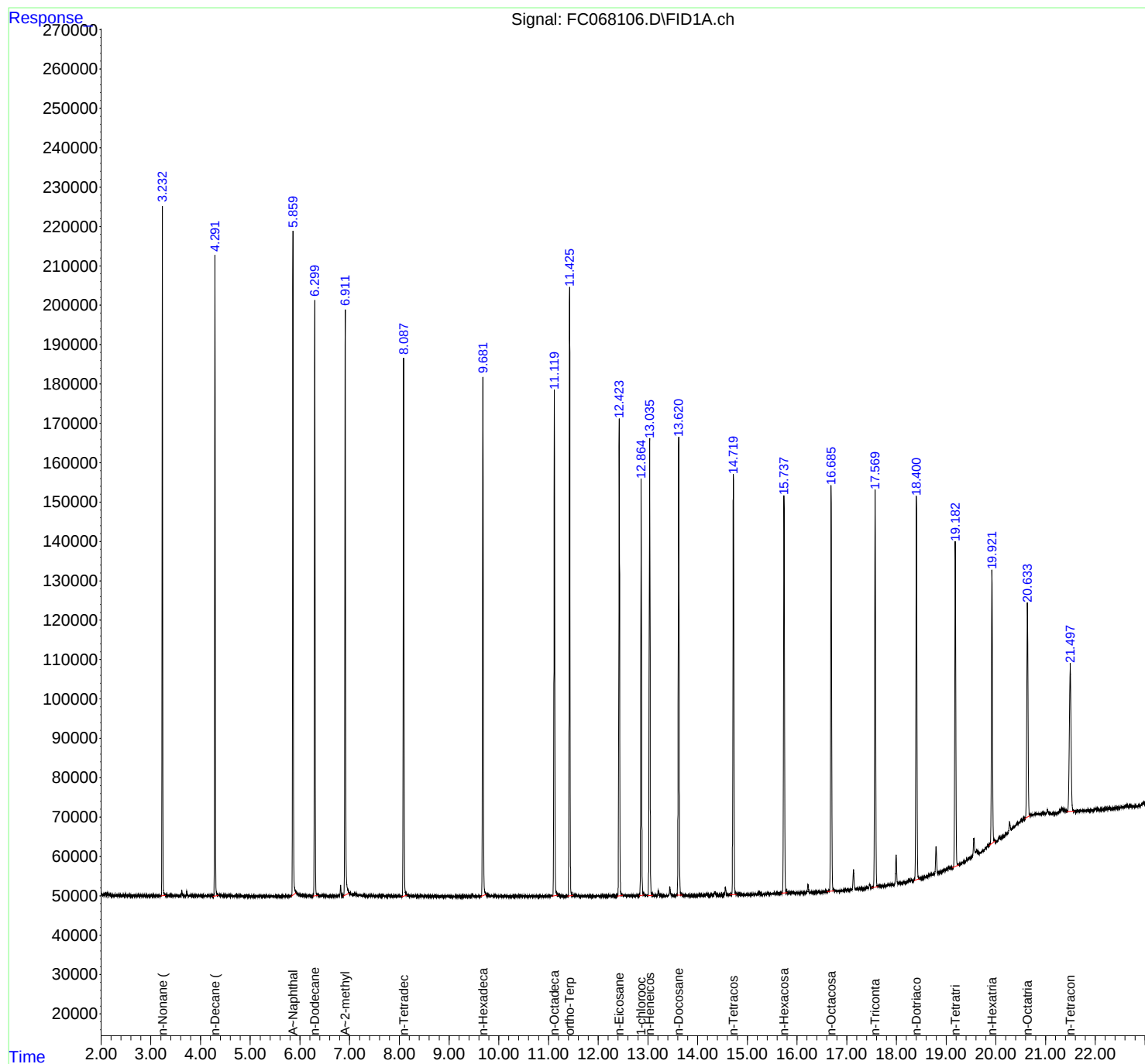
(m)=manual int.

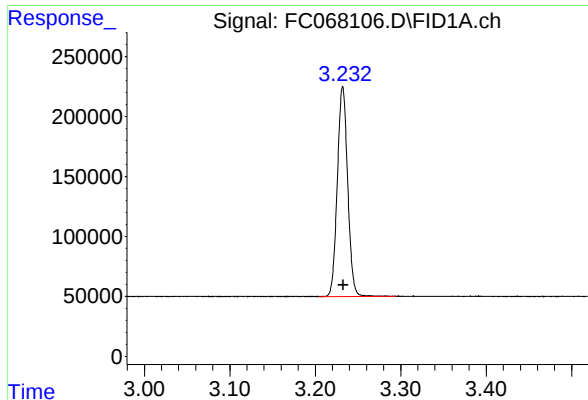
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
Data File : FC068106.D
Signal(s) : FID1A.ch
Acq On : 24 Jan 2025 10:34
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Jan 25 04:21:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

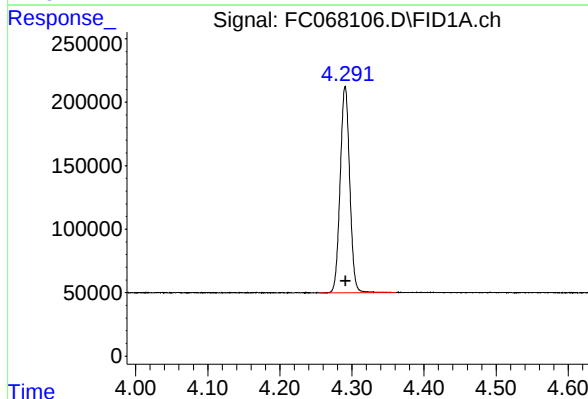




#1 n-Nonane (C9)

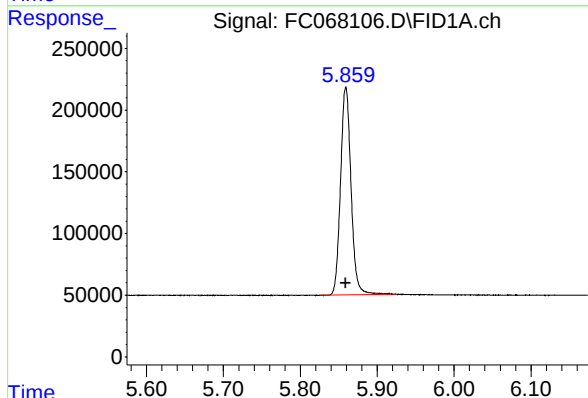
R.T.: 3.232 min
Delta R.T.: 0.000 min
Response: 1475263
Conc: 10.50 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



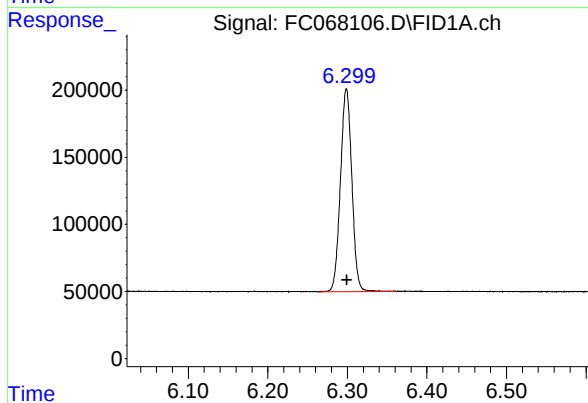
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 1496558
Conc: 10.46 ug/ml



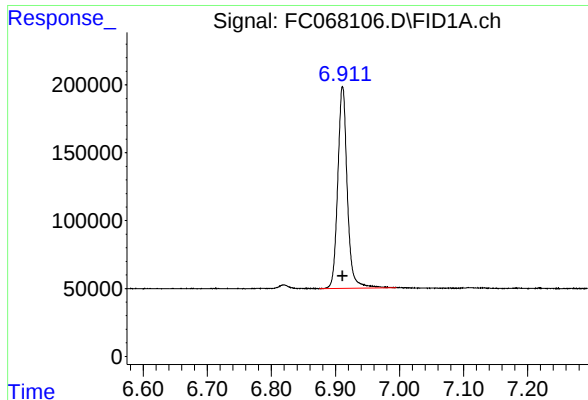
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 1594666
Conc: 10.26 ug/ml



#4 n-Dodecane (C12)

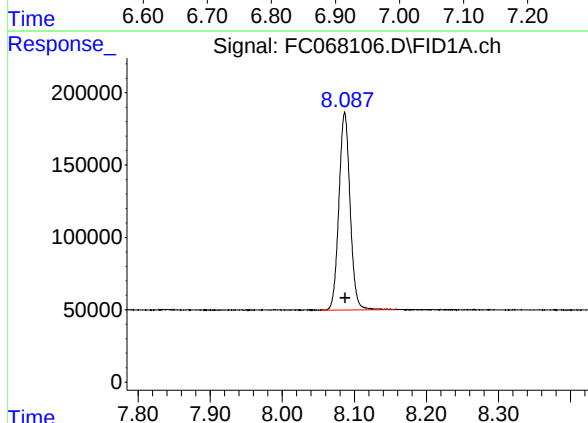
R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 1504156
Conc: 10.42 ug/ml



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

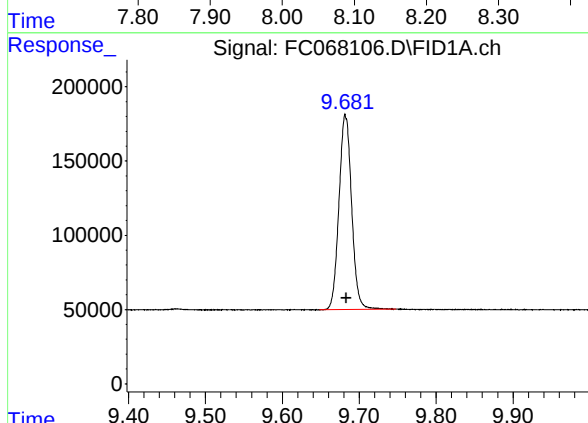
R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 1531057
Conc: 10.22 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



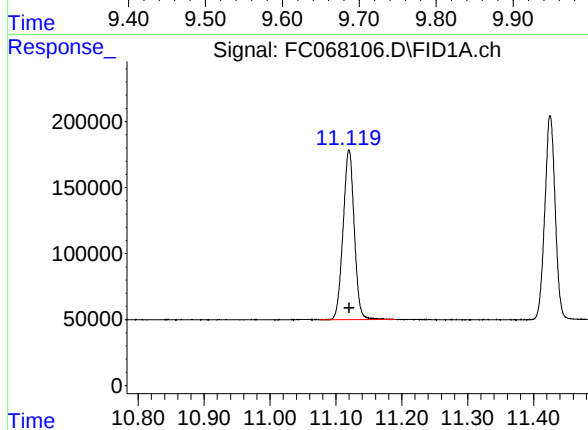
#6 n-Tetradecane (C14)

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 1470817
Conc: 10.40 ug/ml



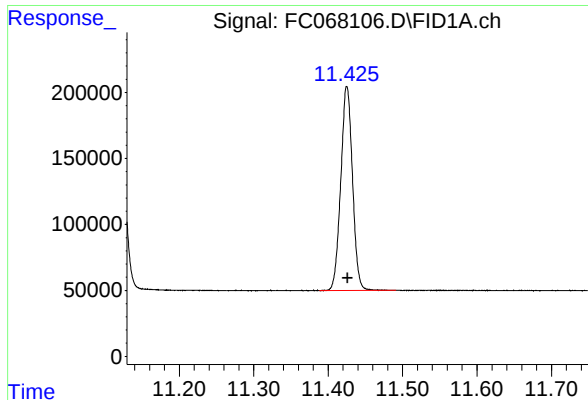
#7 n-Hexadecane (C16)

R.T.: 9.682 min
Delta R.T.: 0.000 min
Response: 1497439
Conc: 10.38 ug/ml



#8 n-Octadecane (C18)

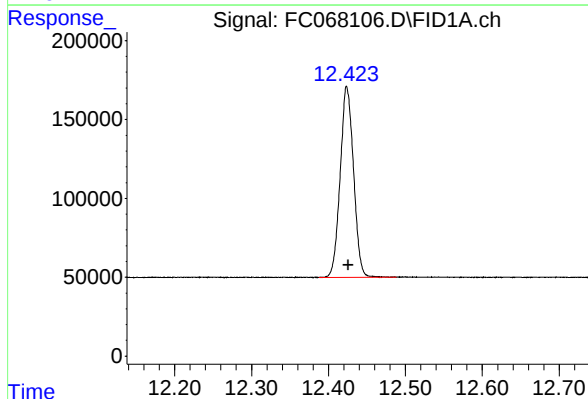
R.T.: 11.120 min
Delta R.T.: 0.000 min
Response: 1516982
Conc: 10.44 ug/ml



#9 ortho-Terphenyl (SURR)

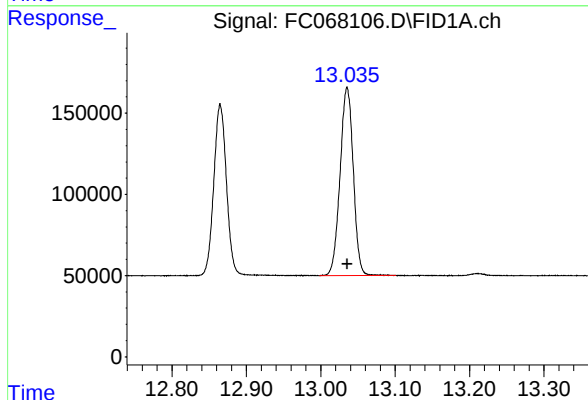
R.T.: 11.425 min
Delta R.T.: -0.001 min
Response: 1693195
Conc: 10.48 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



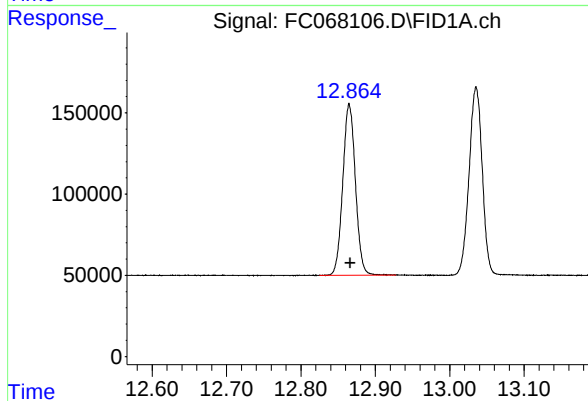
#10 n-Eicosane (C20)

R.T.: 12.424 min
Delta R.T.: -0.001 min
Response: 1453910
Conc: 10.48 ug/ml



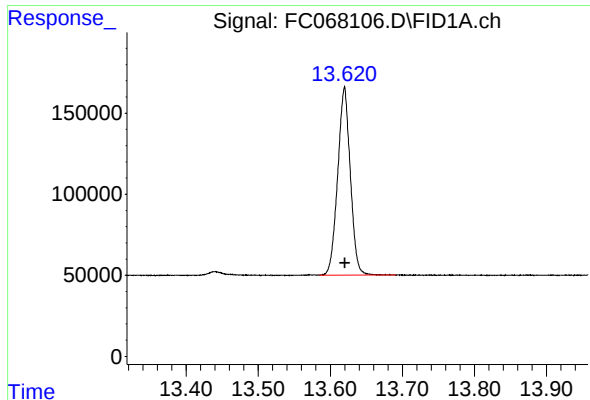
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 1431349
Conc: 10.51 ug/ml



#12 1-chlorooctadecane (SURR)

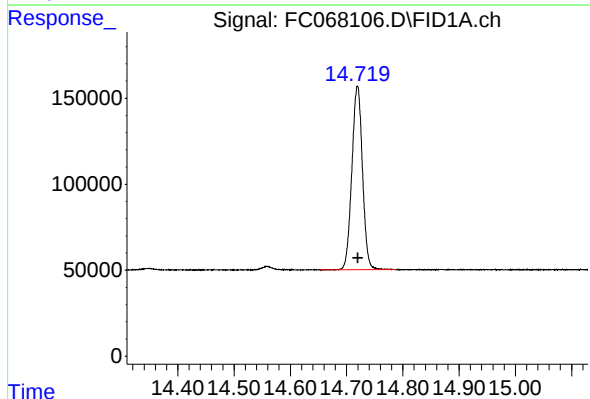
R.T.: 12.865 min
Delta R.T.: -0.002 min
Response: 1244032
Conc: 10.41 ug/ml



#13 n-Docosane (C22)

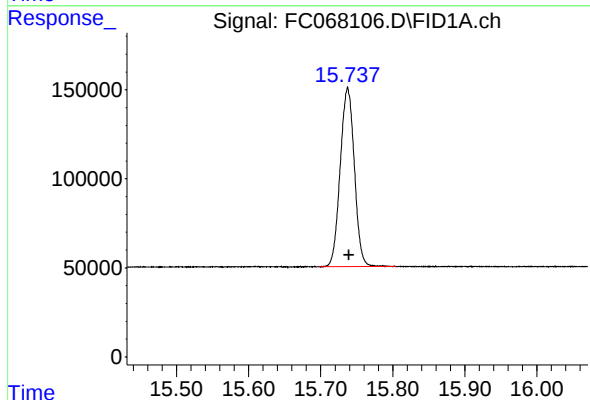
R.T.: 13.620 min
Delta R.T.: 0.000 min
Response: 1411126
Conc: 10.57 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



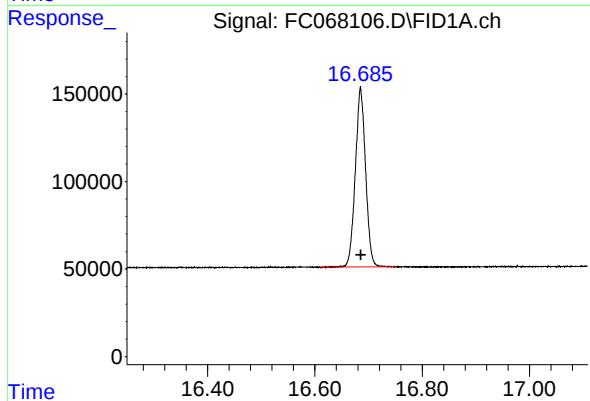
#14 n-Tetracosane (C24)

R.T.: 14.719 min
Delta R.T.: 0.000 min
Response: 1400111
Conc: 10.54 ug/ml



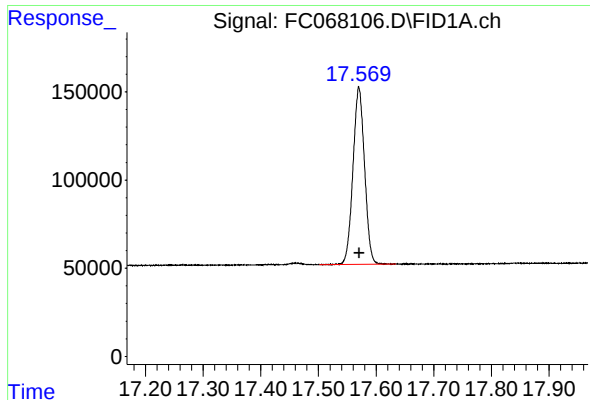
#15 n-Hexacosane (C26)

R.T.: 15.737 min
Delta R.T.: -0.002 min
Response: 1370317
Conc: 10.53 ug/ml



#16 n-Octacosane (C28)

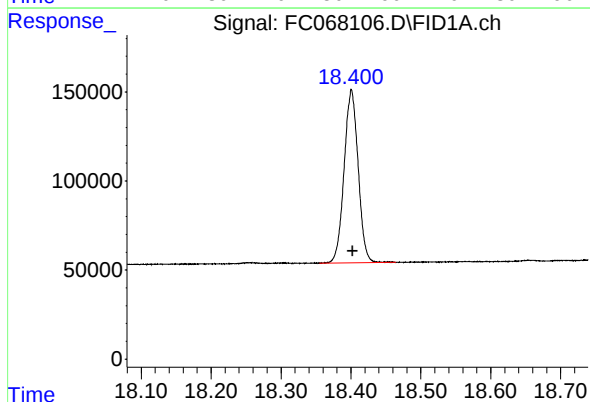
R.T.: 16.685 min
Delta R.T.: 0.000 min
Response: 1362142
Conc: 10.64 ug/ml



#17 n-Tricontane (C30)

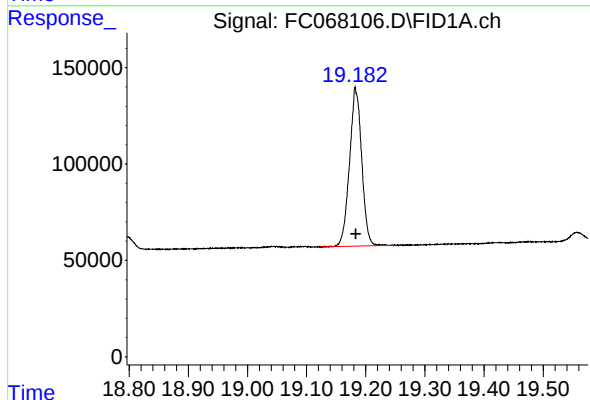
R.T.: 17.570 min
Delta R.T.: 0.000 min
Response: 1402454
Conc: 10.66 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



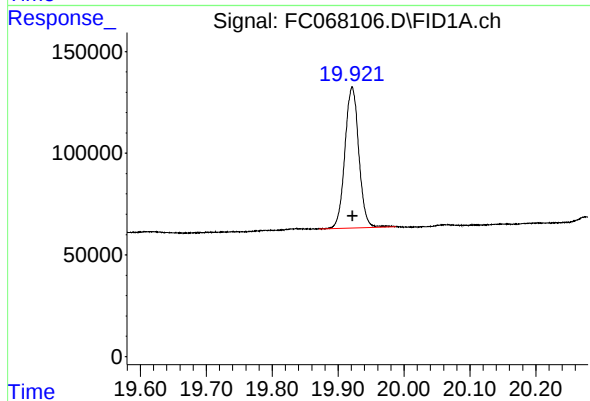
#18 n-Dotriacontane (C32)

R.T.: 18.401 min
Delta R.T.: -0.002 min
Response: 1354078
Conc: 10.72 ug/ml



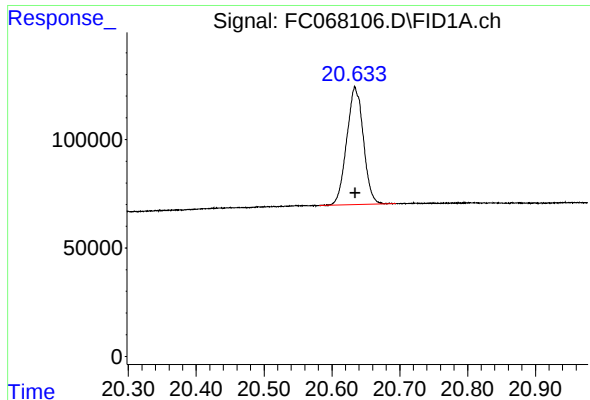
#19 n-Tetatriacontane (C34)

R.T.: 19.183 min
Delta R.T.: 0.000 min
Response: 1175638
Conc: 10.69 ug/ml



#20 n-Hexatriacontane (C36)

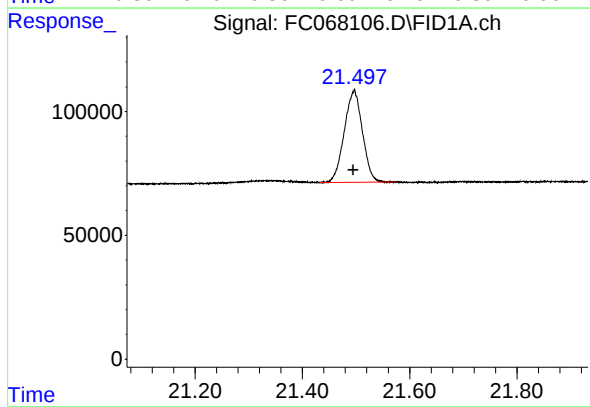
R.T.: 19.921 min
Delta R.T.: 0.000 min
Response: 1013341
Conc: 10.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.635 min
Delta R.T.: 0.000 min
Response: 924019
Conc: 10.52 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.497 min
Delta R.T.: 0.002 min
Response: 872323
Conc: 10.66 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
Data File : FC068106.D
Signal(s) : FID1A.ch
Acq On : 24 Jan 2025 10:34
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.232	3.204	3.294	BB	173891	1475263	87.13%	4.886%
2	4.291	4.254	4.361	BB	162720	1496558	88.39%	4.956%
3	5.859	5.824	5.924	BB	168195	1594666	94.18%	5.281%
4	6.299	6.264	6.361	BB	150731	1504156	88.84%	4.981%
5	6.911	6.874	6.994	BB	149273	1531057	90.42%	5.071%
6	8.087	8.051	8.158	BB	136084	1470817	86.87%	4.871%
7	9.682	9.648	9.748	BB	131211	1497439	88.44%	4.959%
8	11.120	11.074	11.191	BB	128815	1516982	89.59%	5.024%
9	11.425	11.388	11.491	BB	155292	1693195	100.00%	5.608%
10	12.424	12.388	12.488	BB	120109	1453910	85.87%	4.815%
11	12.865	12.824	12.928	BB	105028	1244032	73.47%	4.120%
12	13.035	12.998	13.101	BB	115485	1431349	84.54%	4.740%
13	13.620	13.584	13.691	BB	115583	1411126	83.34%	4.673%
14	14.719	14.651	14.788	BB	106542	1400111	82.69%	4.637%
15	15.737	15.698	15.804	BB	100036	1370317	80.93%	4.538%
16	16.685	16.608	16.751	BB	102147	1362142	80.45%	4.511%
17	17.570	17.501	17.634	BB	100184	1402454	82.83%	4.645%
18	18.401	18.354	18.464	BB	97240	1354078	79.97%	4.484%
19	19.183	19.121	19.251	BB	79568	1175638	69.43%	3.893%
20	19.921	19.871	19.988	BB	69262	1013341	59.85%	3.356%
21	20.635	20.581	20.694	BB	53776	924019	54.57%	3.060%
22	21.497	21.431	21.574	BB	37309	872323	51.52%	2.889%
Sum of corrected areas:							30194970	

Aliphatic EPH 012425.M Sat Jan 25 04:56:01 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068107.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 11:10
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 25 04:22:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:20:44 2025
 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)	11.425	791222	4.897 ug/ml
Spiked Amount 50.000		Recovery =	9.79%
12) S 1-chlorooctadecane (S...	12.866	575543	4.817 ug/ml
Spiked Amount 50.000		Recovery =	9.63%
Target Compounds			
1) T n-Nonane (C9)	3.233	694002	4.939 ug/ml
2) T n-Decane (C10)	4.291	696954	4.870 ug/ml
3) T A~Naphthalene (C11.7)	5.860	735461	4.730 ug/ml
4) T n-Dodecane (C12)	6.298	701967	4.861 ug/ml
5) T A~2-methylnaphthalene...	6.912	679817	4.540 ug/ml
6) T n-Tetradecane (C14)	8.087	678873	4.800 ug/ml
7) T n-Hexadecane (C16)	9.682	690786	4.790 ug/ml
8) T n-Octadecane (C18)	11.119	701017	4.825 ug/ml
10) T n-Eicosane (C20)	12.425	676915	4.878 ug/ml
11) T n-Heneicosane (C21)	13.035	664598	4.882 ug/ml
13) T n-Docosane (C22)	13.620	653737	4.895 ug/ml
14) T n-Tetracosane (C24)	14.720	647347	4.875 ug/ml
15) T n-Hexacosane (C26)	15.738	640168	4.920 ug/ml
16) T n-Octacosane (C28)	16.685	660648	5.162 ug/ml
17) T n-Tricontane (C30)	17.571	717917	5.456 ug/ml
18) T n-Dotriacontane (C32)	18.400	712580	5.641 ug/ml
19) T n-Tetratriacontane (C34)	19.183	604670	5.501 ug/ml
20) T n-Hexatriacontane (C36)	19.922	497419	5.299 ug/ml
21) T n-Octatriacontane (C38)	20.635	450417	5.130 ug/ml
22) T n-Tetracontane (C40)	21.497	416329	5.088 ug/ml

(f)=RT Delta > 1/2 Window

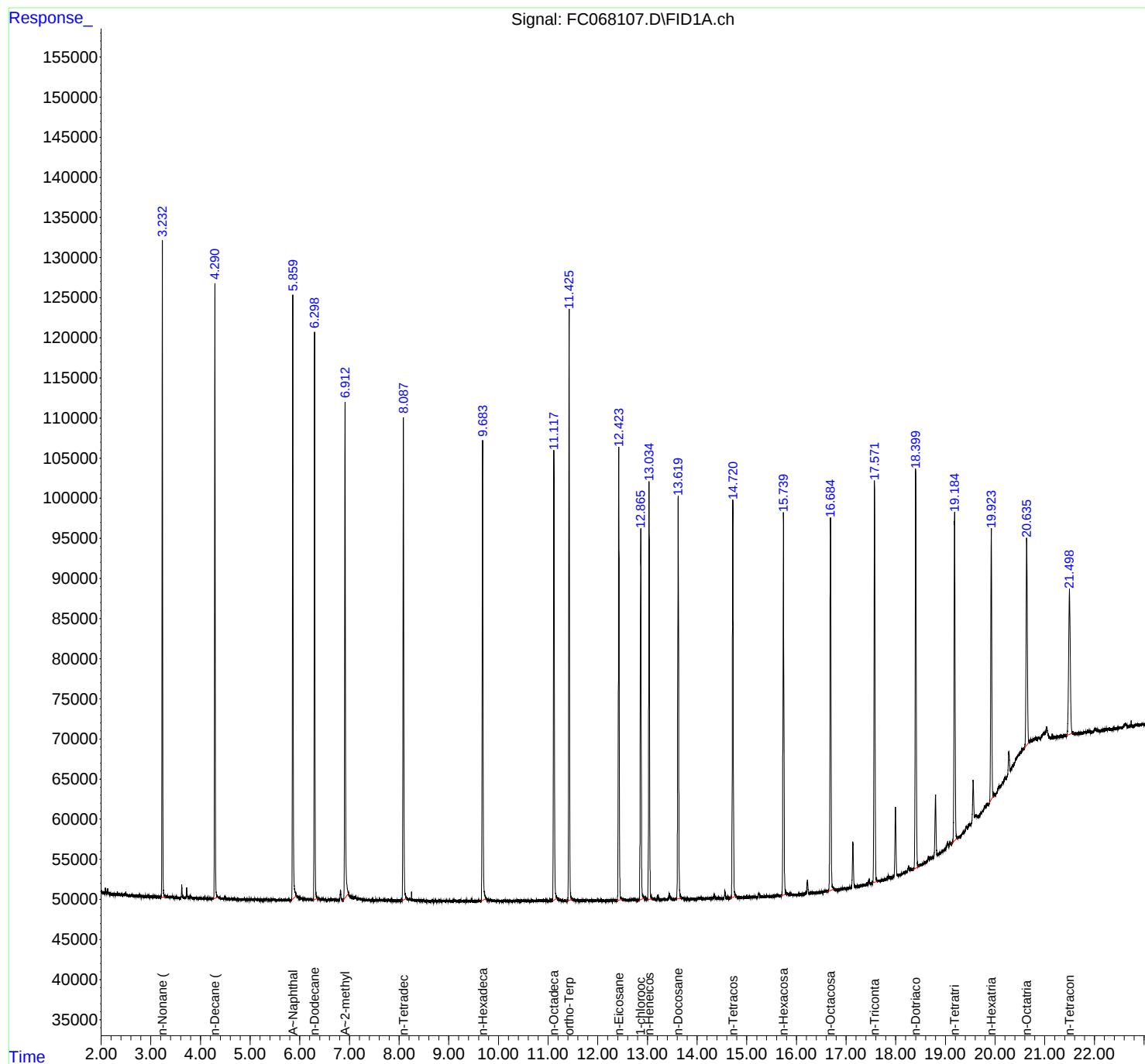
(m)=manual int.

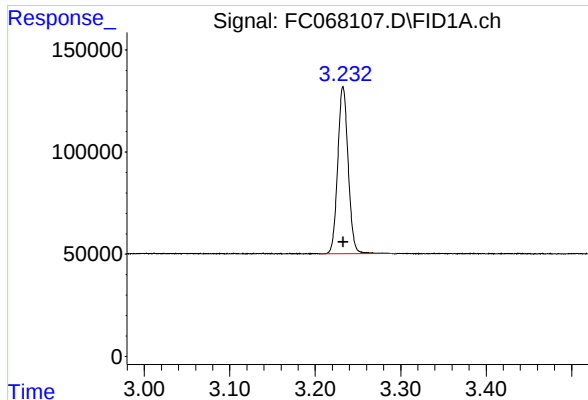
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
Data File : FC068107.D
Signal(s) : FID1A.ch
Acq On : 24 Jan 2025 11:10
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jan 25 04:22:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

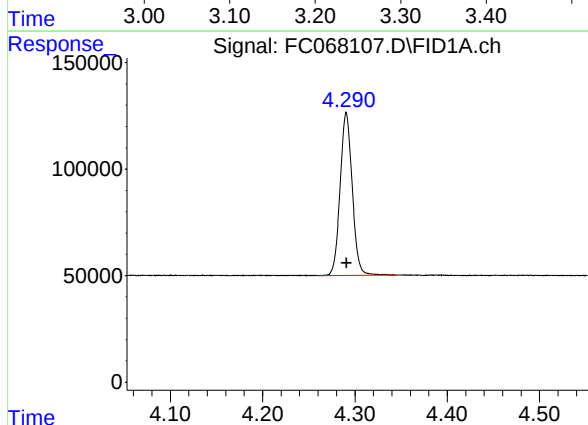




#1 n-Nonane (C9)

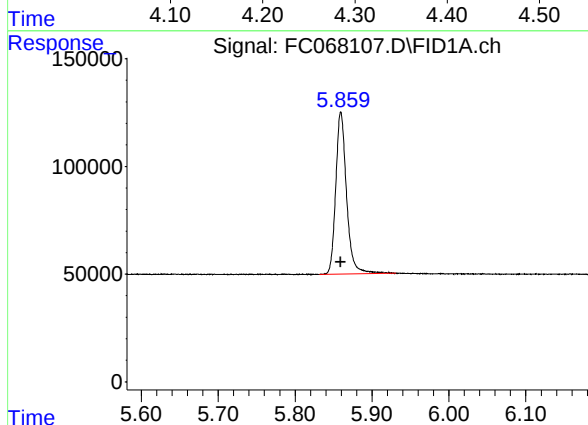
R.T.: 3.233 min
Delta R.T.: 0.000 min
Response: 694002
Conc: 4.94 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



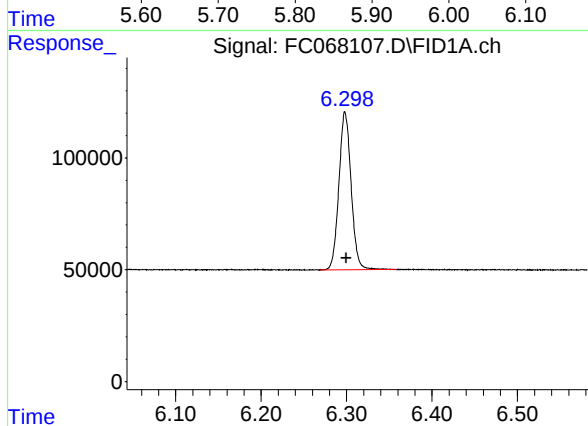
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 696954
Conc: 4.87 ug/ml



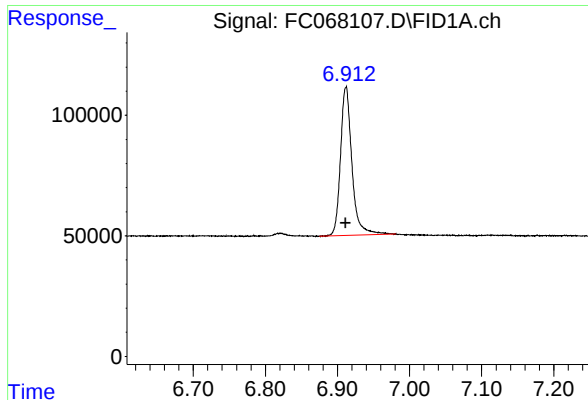
#3 A~Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 735461
Conc: 4.73 ug/ml



#4 n-Dodecane (C12)

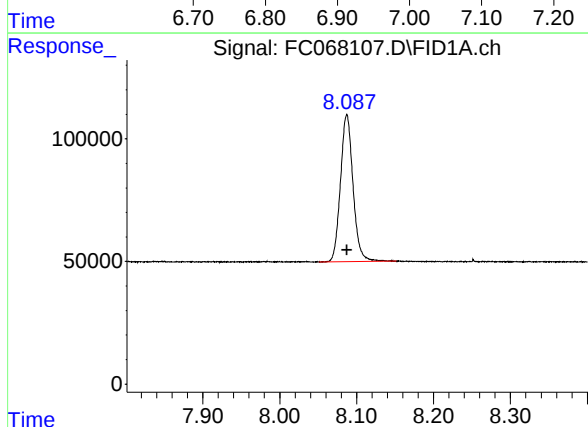
R.T.: 6.298 min
Delta R.T.: -0.001 min
Response: 701967
Conc: 4.86 ug/ml



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

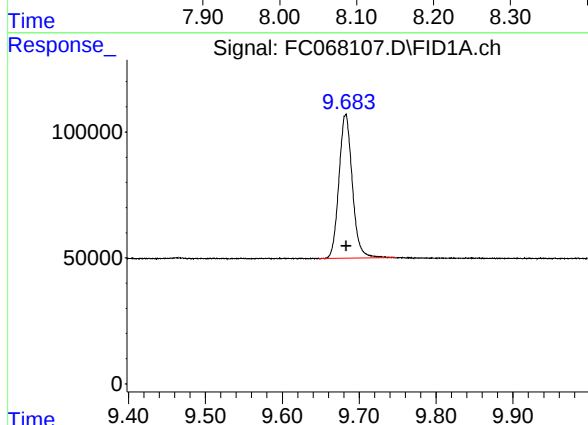
R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 679817
Conc: 4.54 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



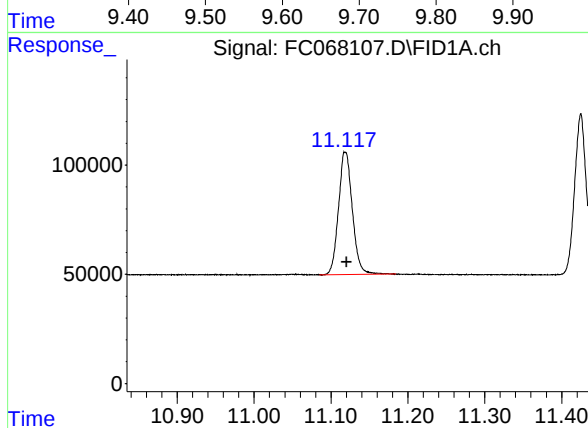
#6 n-Tetradecane (C14)

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 678873
Conc: 4.80 ug/ml



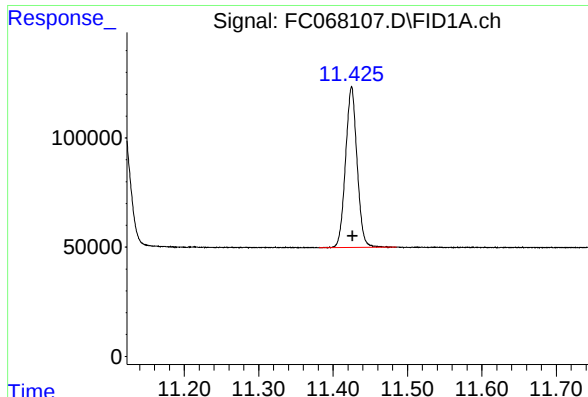
#7 n-Hexadecane (C16)

R.T.: 9.682 min
Delta R.T.: 0.000 min
Response: 690786
Conc: 4.79 ug/ml



#8 n-Octadecane (C18)

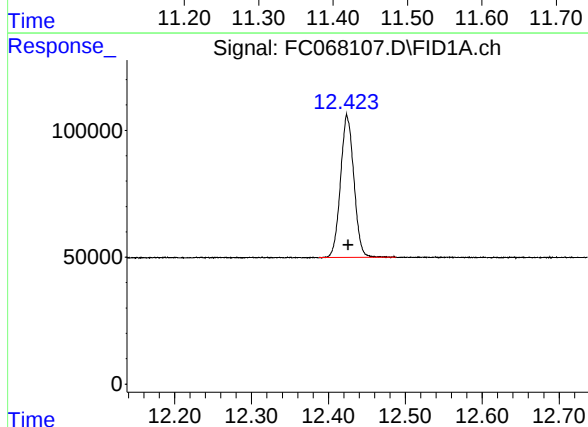
R.T.: 11.119 min
Delta R.T.: -0.002 min
Response: 701017
Conc: 4.83 ug/ml



#9 ortho-Terphenyl (SURR)

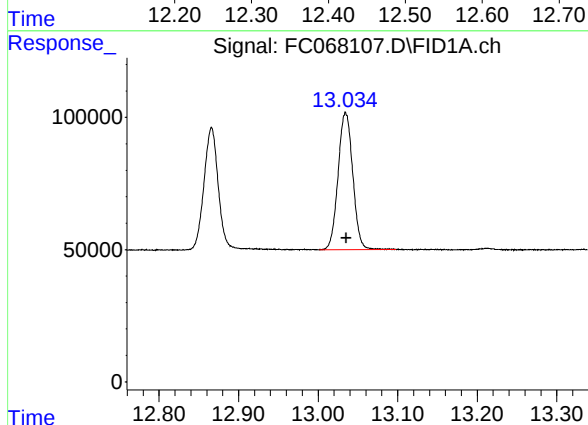
R.T.: 11.425 min
Delta R.T.: -0.001 min
Response: 791222
Conc: 4.90 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



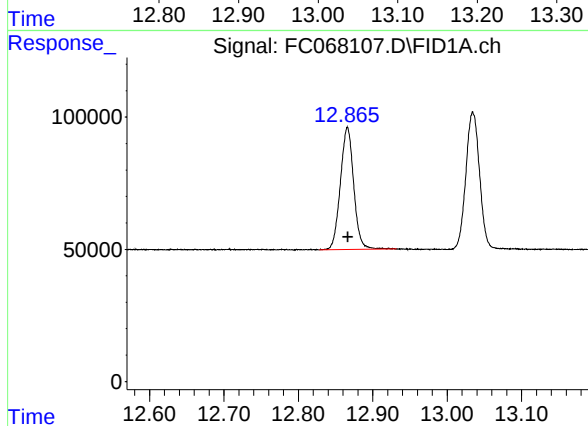
#10 n-Eicosane (C20)

R.T.: 12.425 min
Delta R.T.: 0.000 min
Response: 676915
Conc: 4.88 ug/ml



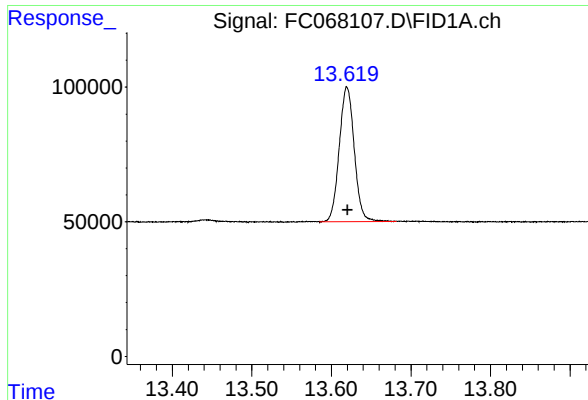
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 664598
Conc: 4.88 ug/ml



#12 1-chlorooctadecane (SURR)

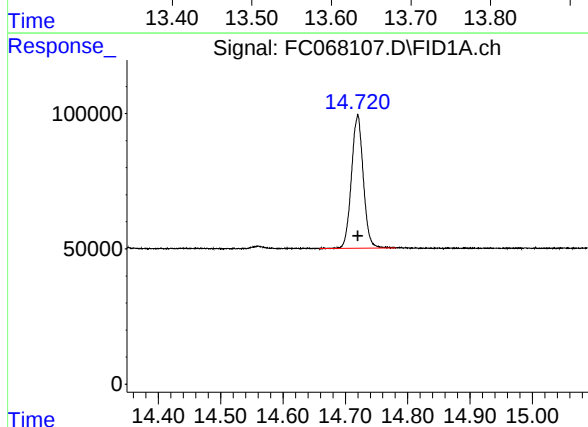
R.T.: 12.866 min
Delta R.T.: 0.000 min
Response: 575543
Conc: 4.82 ug/ml



#13 n-Docosane (C22)

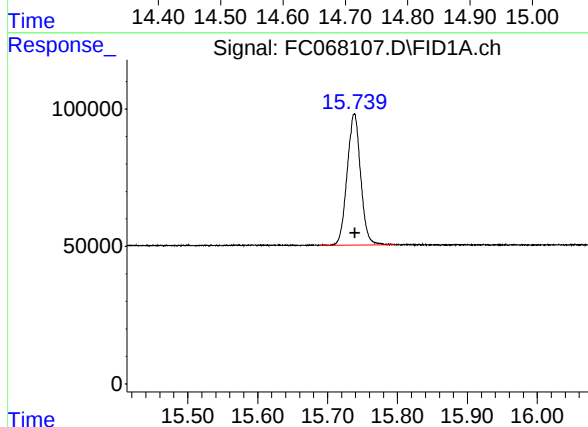
R.T.: 13.620 min
Delta R.T.: 0.000 min
Response: 653737
Conc: 4.90 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



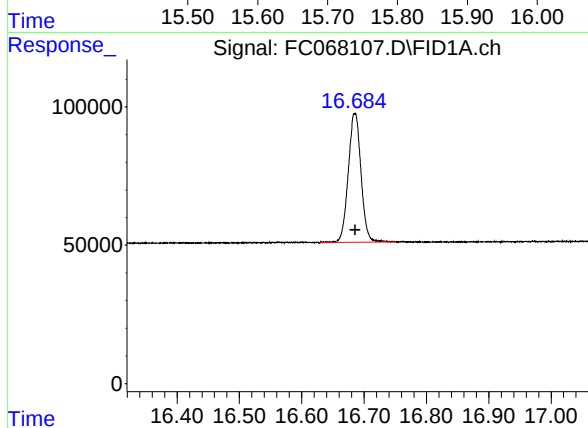
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: 0.000 min
Response: 647347
Conc: 4.87 ug/ml



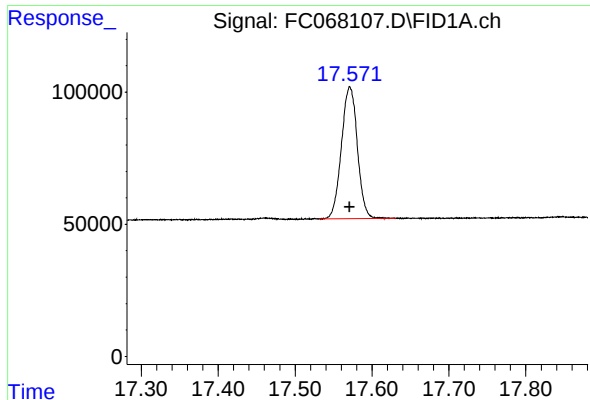
#15 n-Hexacosane (C26)

R.T.: 15.738 min
Delta R.T.: 0.000 min
Response: 640168
Conc: 4.92 ug/ml



#16 n-Octacosane (C28)

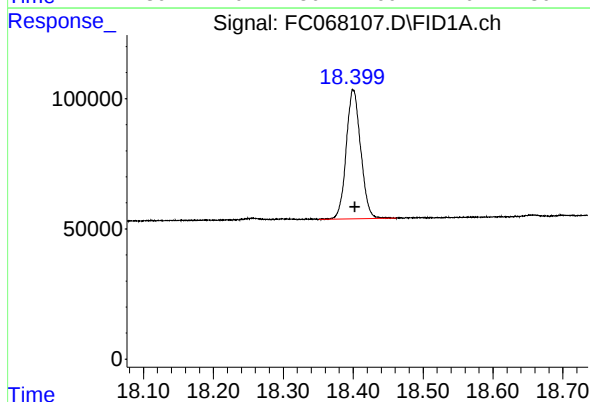
R.T.: 16.685 min
Delta R.T.: 0.000 min
Response: 660648
Conc: 5.16 ug/ml



#17 n-Tricontane (C30)

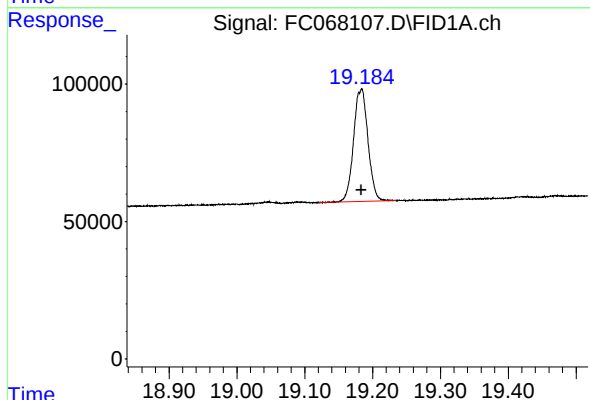
R.T.: 17.571 min
Delta R.T.: 0.000 min
Response: 717917
Conc: 5.46 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



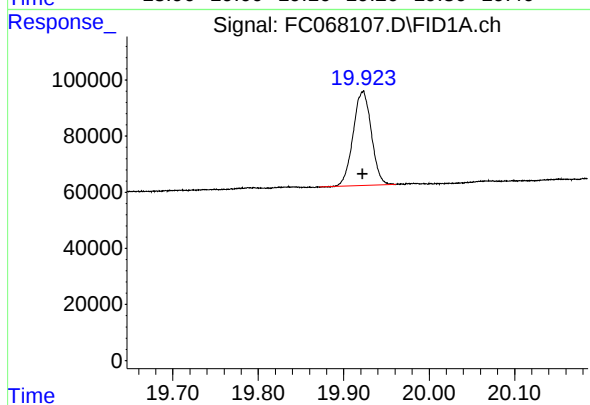
#18 n-Dotriacontane (C32)

R.T.: 18.400 min
Delta R.T.: -0.002 min
Response: 712580
Conc: 5.64 ug/ml



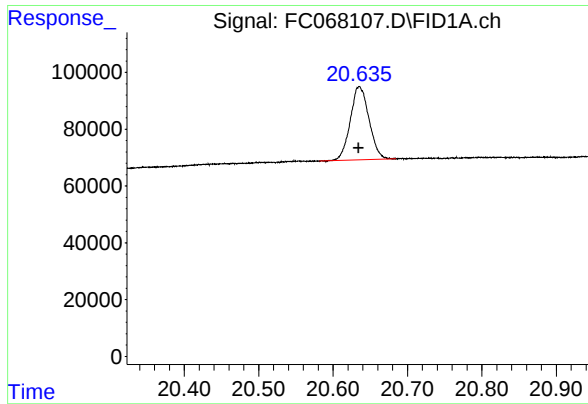
#19 n-Tetratriacontane (C34)

R.T.: 19.183 min
Delta R.T.: 0.000 min
Response: 604670
Conc: 5.50 ug/ml



#20 n-Hexatriacontane (C36)

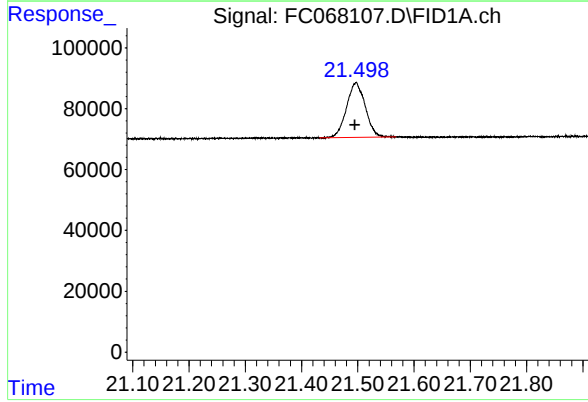
R.T.: 19.922 min
Delta R.T.: 0.000 min
Response: 497419
Conc: 5.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.635 min
Delta R.T.: 0.001 min
Response: 450417
Conc: 5.13 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.497 min
Delta R.T.: 0.002 min
Response: 416329
Conc: 5.09 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068107.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 11:10
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.233	3.205	3.295	BB	81211	694002	87.71%	4.857%
2	4.291	4.261	4.345	BB	76093	696954	88.09%	4.878%
3	5.860	5.831	5.931	BB	74115	735461	92.95%	5.147%
4	6.298	6.268	6.358	BB	70358	701967	88.72%	4.913%
5	6.912	6.875	6.981	BB	61540	679817	85.92%	4.758%
6	8.087	8.051	8.151	BB	59884	678873	85.80%	4.751%
7	9.682	9.648	9.748	BB	57178	690786	87.31%	4.835%
8	11.119	11.085	11.185	BB	56462	701017	88.60%	4.906%
9	11.425	11.381	11.485	BB	73366	791222	100.00%	5.538%
10	12.425	12.388	12.488	BB	55734	676915	85.55%	4.738%
11	12.866	12.828	12.931	BB	45879	575543	72.74%	4.028%
12	13.035	13.001	13.098	BB	51716	664598	84.00%	4.651%
13	13.620	13.585	13.681	BB	49760	653737	82.62%	4.575%
14	14.720	14.658	14.781	BB	49743	647347	81.82%	4.531%
15	15.738	15.688	15.798	BB	47829	640168	80.91%	4.480%
16	16.685	16.628	16.751	BB	46740	660648	83.50%	4.624%
17	17.571	17.531	17.631	BB	49806	717917	90.74%	5.024%
18	18.400	18.351	18.461	BB	49533	712580	90.06%	4.987%
19	19.183	19.121	19.235	BB	41551	604670	76.42%	4.232%
20	19.922	19.871	19.961	BB	33283	497419	62.87%	3.481%
21	20.635	20.581	20.685	BB	25685	450417	56.93%	3.152%
22	21.497	21.431	21.568	BB	18210	416329	52.62%	2.914%
Sum of corrected areas:							14288387	

Aliphatic EPH 012425.M Sat Jan 25 04:56:17 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068108.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 11:46
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jan 25 04:32:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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)	11.426	3210149	20.543 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
12) S 1-chlorooctadecane (S...	12.866	2353417	20.464 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
Target Compounds			
1) T n-Nonane (C9)	3.233	2856850	20.863 ug/ml
2) T n-Decane (C10)	4.291	2892910	20.837 ug/ml
3) T A~Naphthalene (C11.7)	5.859	3146417	20.959 ug/ml
4) T n-Dodecane (C12)	6.299	2898986	20.752 ug/ml
5) T A~2-methylnaphthalene...	6.912	3016045	20.998 ug/ml
6) T n-Tetradecane (C14)	8.088	2823344	20.687 ug/ml
7) T n-Hexadecane (C16)	9.682	2866683	20.631 ug/ml
8) T n-Octadecane (C18)	11.120	2860062	20.441 ug/ml
10) T n-Eicosane (C20)	12.425	2726294	20.376 ug/ml
11) T n-Heneicosane (C21)	13.035	2669582	20.326 ug/ml
13) T n-Docosane (C22)	13.621	2632473	20.323 ug/ml
14) T n-Tetracosane (C24)	14.720	2607107	20.307 ug/ml
15) T n-Hexacosane (C26)	15.738	2544255	20.219 ug/ml
16) T n-Octacosane (C28)	16.686	2514179	20.102 ug/ml
17) T n-Tricontane (C30)	17.572	2583068	19.984 ug/ml
18) T n-Dotriacontane (C32)	18.402	2485515	19.882 ug/ml
19) T n-Tetratriacontane (C34)	19.184	2168265	19.989 ug/ml
20) T n-Hexatriacontane (C36)	19.922	1856990	20.066 ug/ml
21) T n-Octatriacontane (C38)	20.634	1734577	20.243 ug/ml
22) T n-Tetracontane (C40)	21.496	1670521	20.660 ug/ml

(f)=RT Delta > 1/2 Window

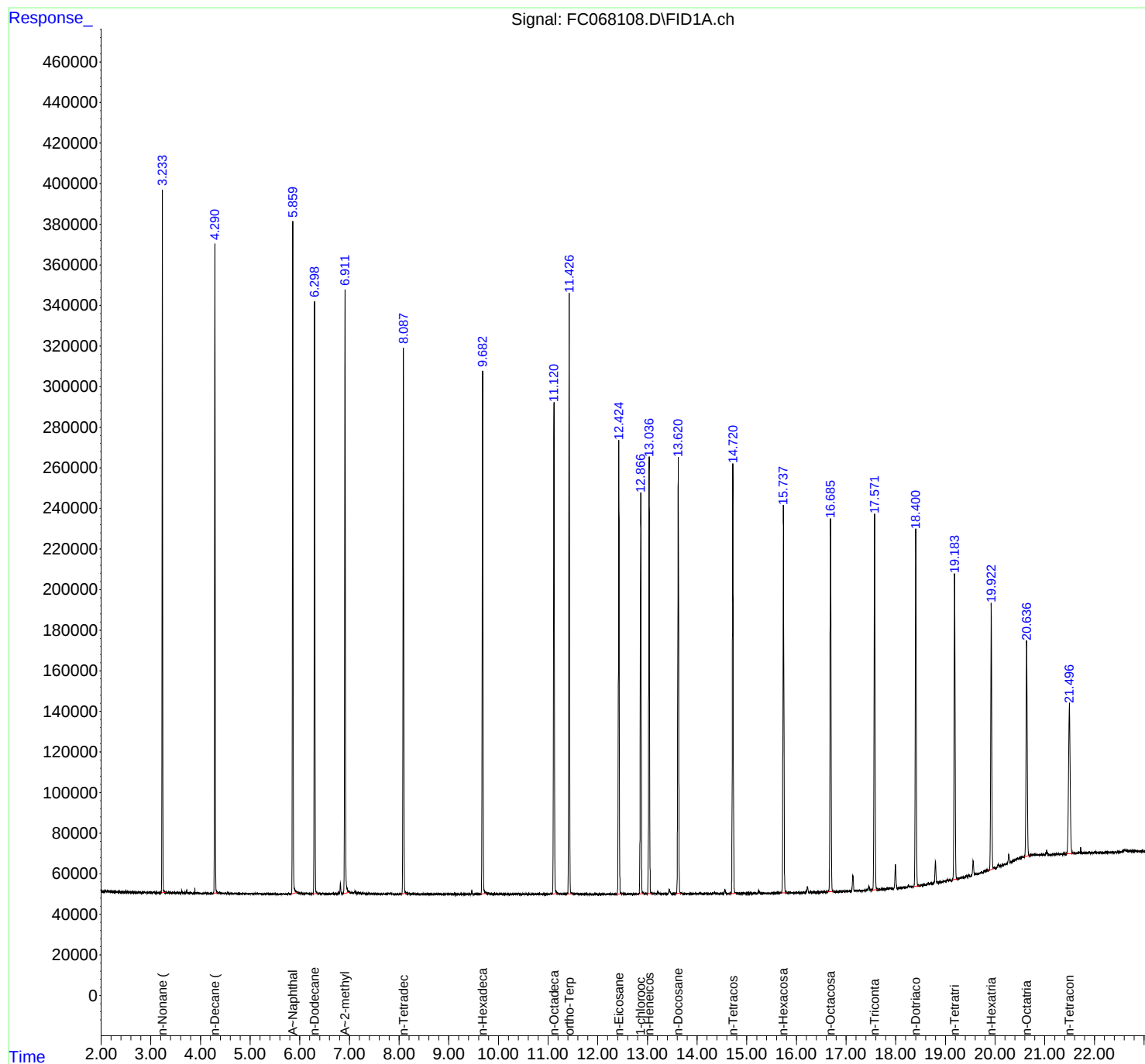
(m)=manual int.

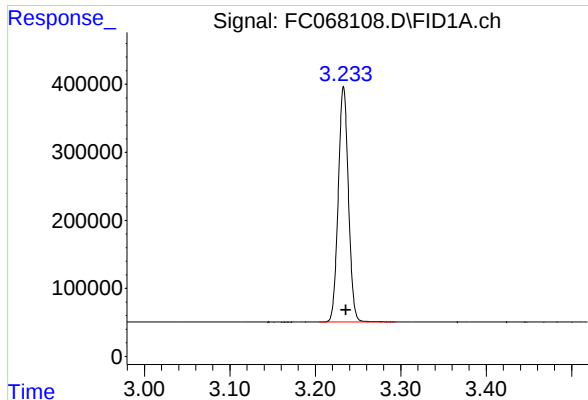
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
Data File : FC068108.D
Signal(s) : FID1A.ch
Acq On : 24 Jan 2025 11:46
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jan 25 04:32:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 2025
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)

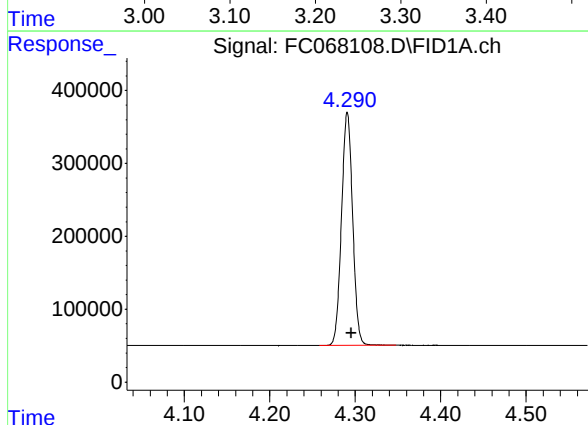
R.T.: 3.233 min
Delta R.T.: -0.003 min
Response: 2856850
Conc: 20.86 ug/ml

Instrument :

FID_C

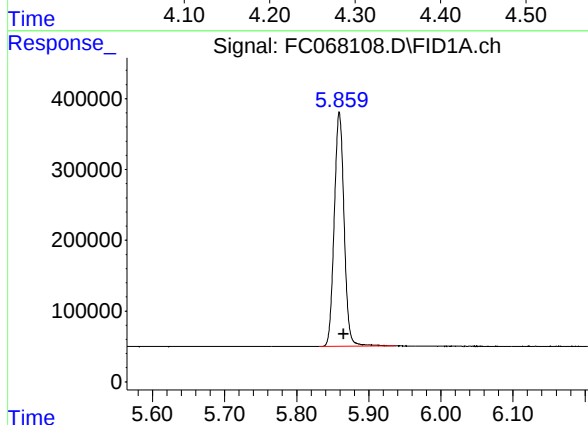
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



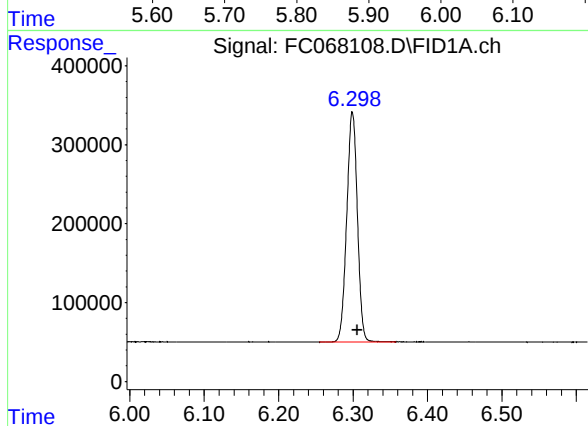
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: -0.005 min
Response: 2892910
Conc: 20.84 ug/ml



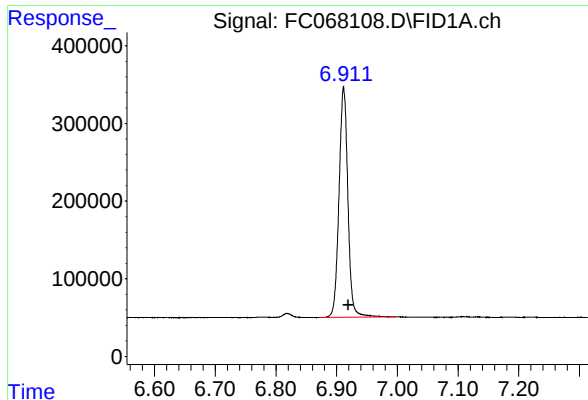
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: -0.006 min
Response: 3146417
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

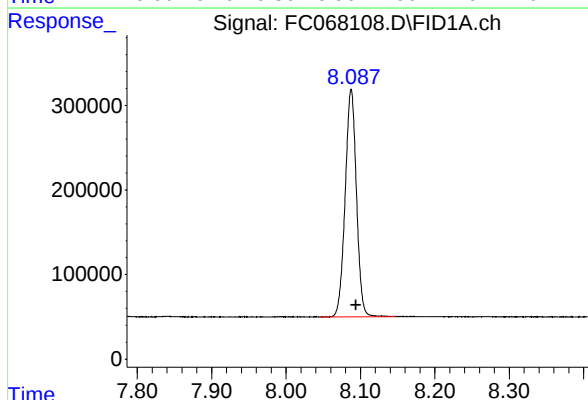
R.T.: 6.299 min
Delta R.T.: -0.006 min
Response: 2898986
Conc: 20.75 ug/ml



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

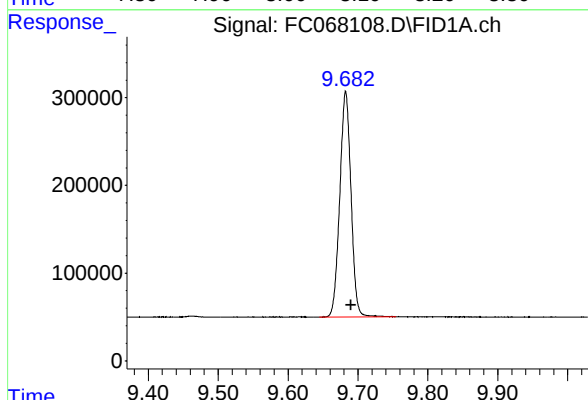
R.T.: 6.912 min
Delta R.T.: -0.008 min
Response: 3016045
Conc: 21.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



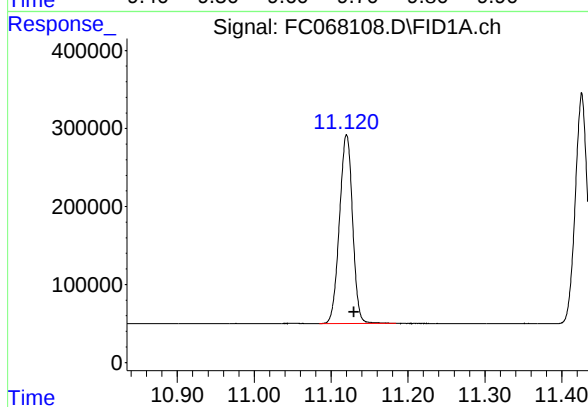
#6 n-Tetradecane (C14)

R.T.: 8.088 min
Delta R.T.: -0.006 min
Response: 2823344
Conc: 20.69 ug/ml



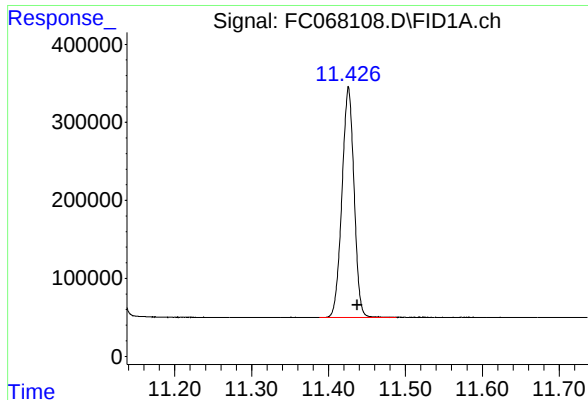
#7 n-Hexadecane (C16)

R.T.: 9.682 min
Delta R.T.: -0.008 min
Response: 2866683
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.120 min
Delta R.T.: -0.009 min
Response: 2860062
Conc: 20.44 ug/ml



#9 ortho-Terphenyl (SURR)

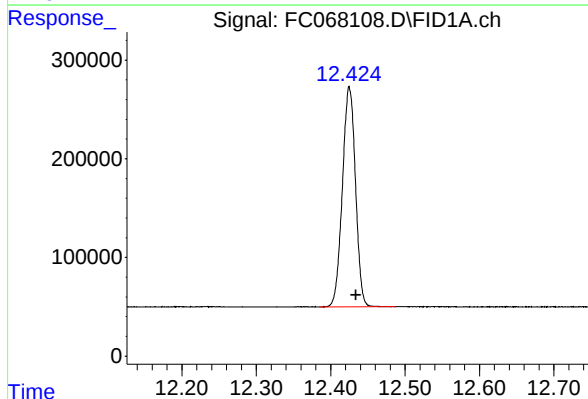
R.T.: 11.426 min
Delta R.T.: -0.011 min
Response: 3210149
Conc: 20.54 ug/ml

Instrument :

FID_C

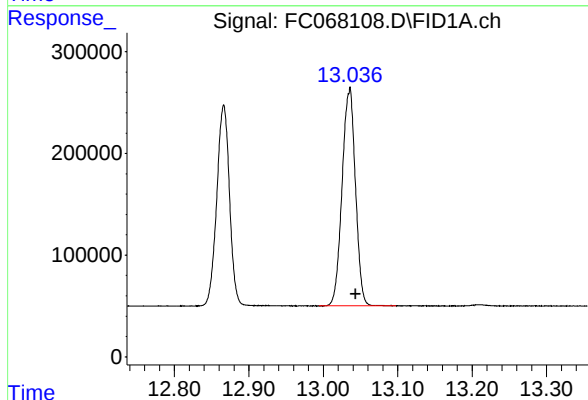
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



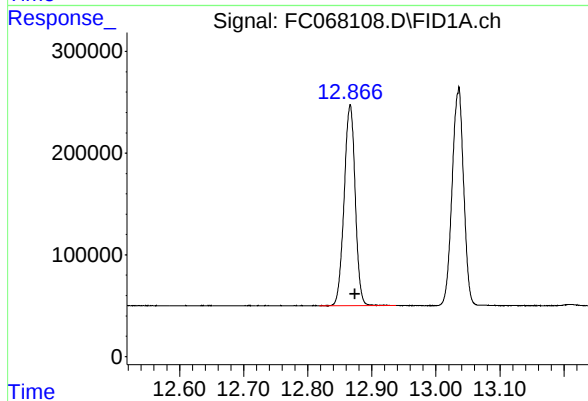
#10 n-Eicosane (C20)

R.T.: 12.425 min
Delta R.T.: -0.009 min
Response: 2726294
Conc: 20.38 ug/ml



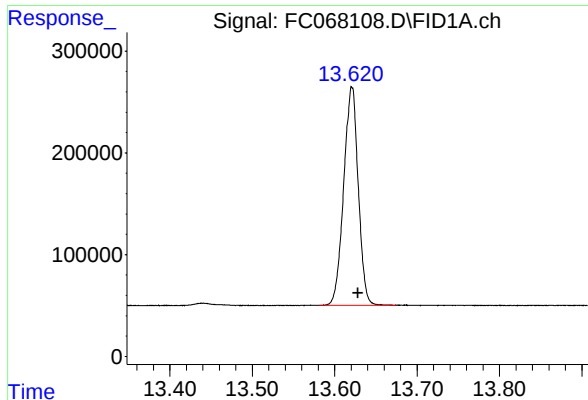
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: -0.009 min
Response: 2669582
Conc: 20.33 ug/ml



#12 1-chlorooctadecane (SURR)

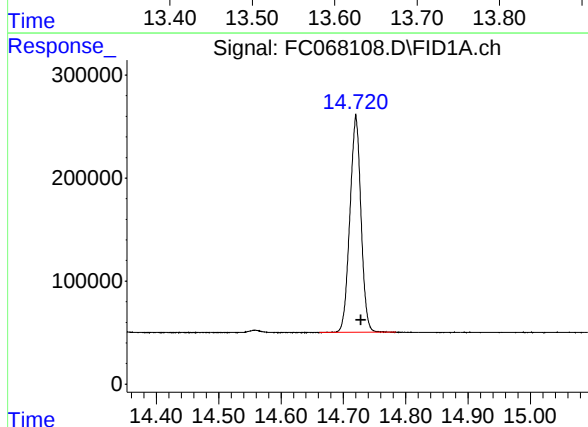
R.T.: 12.866 min
Delta R.T.: -0.008 min
Response: 2353417
Conc: 20.46 ug/ml



#13 n-Docosane (C22)

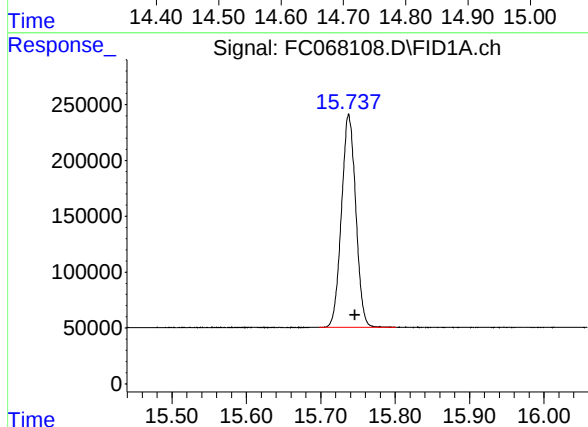
R.T.: 13.621 min
Delta R.T.: -0.008 min
Response: 2632473
Conc: 20.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



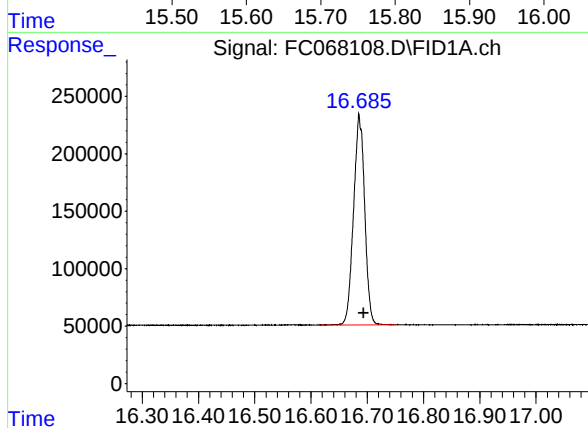
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: -0.008 min
Response: 2607107
Conc: 20.31 ug/ml



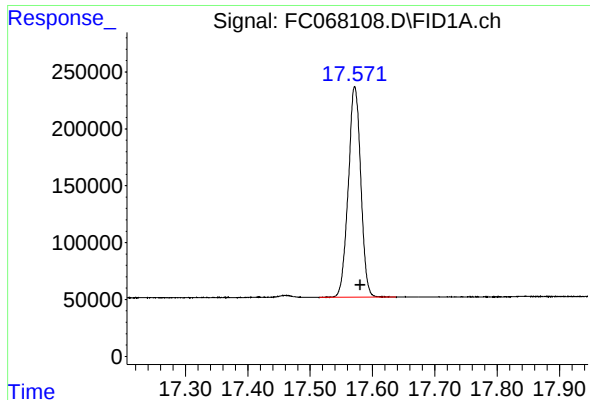
#15 n-Hexacosane (C26)

R.T.: 15.738 min
Delta R.T.: -0.008 min
Response: 2544255
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: -0.007 min
Response: 2514179
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

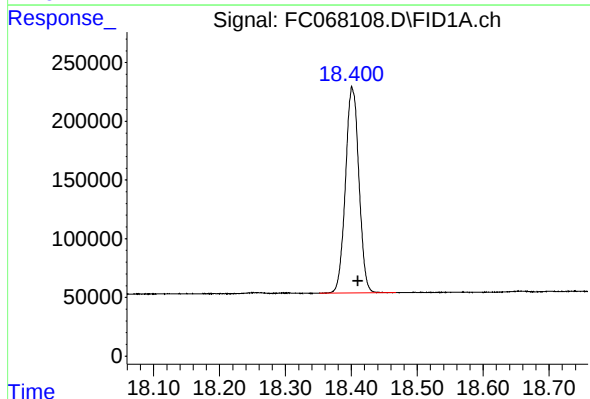
R.T.: 17.572 min
Delta R.T.: -0.009 min
Response: 2583068
Conc: 19.98 ug/ml

Instrument :

FID_C

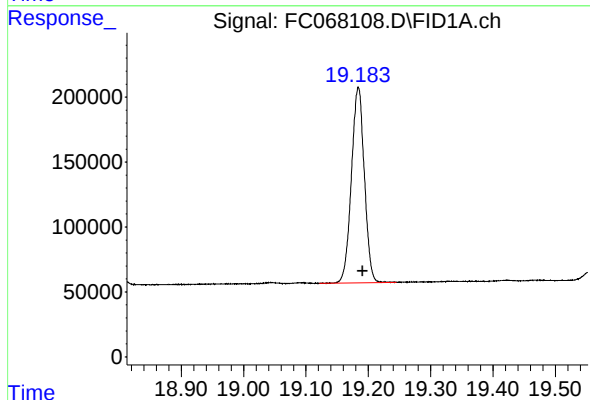
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



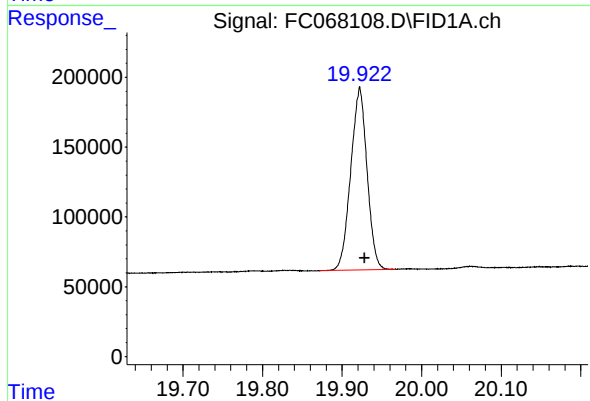
#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: -0.009 min
Response: 2485515
Conc: 19.88 ug/ml



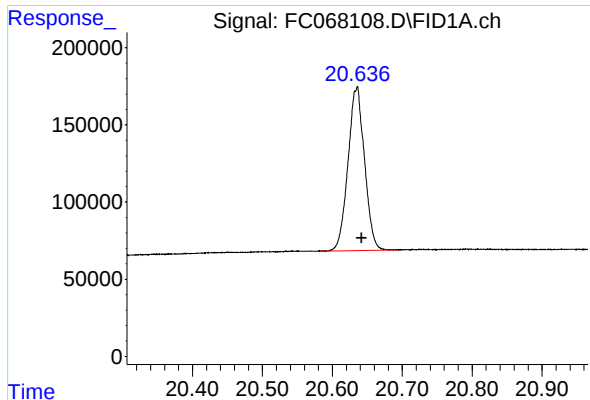
#19 n-Tetatriacontane (C34)

R.T.: 19.184 min
Delta R.T.: -0.007 min
Response: 2168265
Conc: 19.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.922 min
Delta R.T.: -0.006 min
Response: 1856990
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

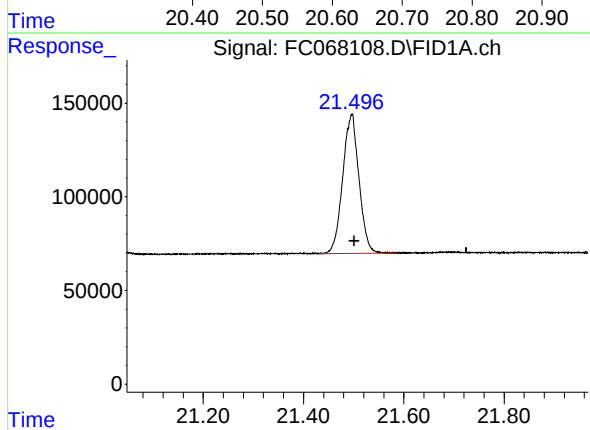
R.T.: 20.634 min
Delta R.T.: -0.008 min
Response: 1734577
Conc: 20.24 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.496 min
Delta R.T.: -0.005 min
Response: 1670521
Conc: 20.66 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
Data File : FC068108.D
Signal(s) : FID1A.ch
Acq On : 24 Jan 2025 11:46
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.233	3.204	3.294	BB	343704	2856850	88.99%	5.002%
2	4.291	4.258	4.348	BB	319572	2892910	90.12%	5.065%
3	5.859	5.831	5.938	BB	328241	3146417	98.01%	5.509%
4	6.299	6.254	6.358	BB	290866	2898986	90.31%	5.075%
5	6.912	6.871	6.998	BB	295864	3016045	93.95%	5.280%
6	8.088	8.044	8.148	BB	268893	2823344	87.95%	4.943%
7	9.682	9.644	9.754	BB	254778	2866683	89.30%	5.019%
8	11.120	11.084	11.184	BB	242579	2860062	89.09%	5.007%
9	11.426	11.388	11.488	BB	290771	3210149	100.00%	5.620%
10	12.425	12.384	12.488	BB	223122	2726294	84.93%	4.773%
11	12.866	12.818	12.938	BB	197552	2353417	73.31%	4.120%
12	13.035	12.994	13.098	BB	211315	2669582	83.16%	4.674%
13	13.621	13.581	13.674	BB	216625	2632473	82.00%	4.609%
14	14.720	14.661	14.784	BB	209276	2607107	81.21%	4.564%
15	15.738	15.698	15.801	BB	189595	2544255	79.26%	4.454%
16	16.686	16.614	16.751	BB	174808	2514179	78.32%	4.402%
17	17.572	17.514	17.638	BB	185211	2583068	80.47%	4.522%
18	18.402	18.351	18.468	BB	175194	2485515	77.43%	4.352%
19	19.184	19.121	19.244	BB	150939	2168265	67.54%	3.796%
20	19.922	19.871	19.968	BB	128729	1856990	57.85%	3.251%
21	20.634	20.581	20.691	BB	104780	1734577	54.03%	3.037%
22	21.496	21.431	21.584	BB	73905	1670521	52.04%	2.925%
Sum of corrected areas:							57117687	

Aliphatic EPH 012425.M Sat Jan 25 04:56:39 2025