

Initial Calibration Report for SequenceID : FC050223AL

AreaCount

Parameter Range	FC063521.D	FC063522.D	FC063523.D	FC063524.D	FC063525.D	
Aliphatic C9-C12	38779561.000	19778236.000	7998632.000	4037800.000	1988515.000	
Aliphatic C12-C16	25906181.000	13180590.000	5305296.000	2631757.000	1273324.000	
Aliphatic C16-C21	38415048.000	19597833.000	7977960.000	4074806.000	2016678.000	
Aliphatic C21-C28	49652621.000	25312030.000	10338955.000	5294606.000	2653062.000	
Aliphatic C28-C40	68529058.000	35821180.000	14647749.000	7516147.000	3895286.000	
Aliphatic EPH	221282469.000	113689869.000	46268592.000	23555116.000	11826865.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	132318.3286662	1.5				
Aliphatic C12-C16	130577.891	1.642				
Aliphatic C16-C21	132388.0893332	2.335				
Aliphatic C21-C28	128989.378	2.858				
Aliphatic C28-C40	122159.1176662	4.833				
Aliphatic EPH	128010.4029996	2.722				

Concentration

Parameter Range	FC063521.D	FC063522.D	FC063523.D	FC063524.D	FC063525.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	FC063521.D	FC063522.D	FC063523.D	FC063524.D	FC063525.D	
Aliphatic C9-C12	129265.203333	131854.906666	133310.533333	134593.333333	132567.666666	
Aliphatic C12-C16	129530.905000	131805.900000	132632.400000	131587.850000	127332.400000	
Aliphatic C16-C21	128050.160000	130652.220000	132966.000000	135826.866666	134445.200000	
Aliphatic C21-C28	124131.552500	126560.150000	129236.937500	132365.150000	132653.100000	
Aliphatic C28-C40	114215.096666	119403.933333	122064.575000	125269.116666	129842.866666	



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

Initial Calibration Report for SequenceID : FC050223AL

Aliphatic EPH	122934.705000	126322.076666	128523.866666	130861.755555	131409.611111	
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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063521.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 16:52
 Operator : YP/AJ
 Sample : 100 PPM ALIPATHIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPATHIC HC STD1

Integration File: autoint1.e
 Quant Time: May 03 00:26:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:24:00 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)	11.541	15236022	98.248 ug/ml
Spiked Amount 50.000		Recovery =	196.50%
12) S 1-chlorooctadecane (S...	12.974	10809443	99.867 ug/ml
Spiked Amount 50.000		Recovery =	199.73%
Target Compounds			
1) T n-Nonane (C9)	3.300	12805366	98.209 ug/ml
2) T n-Decane (C10)	4.368	12985760	98.464 ug/ml
3) T A~Naphthalene (C11.7)	5.953	14134042	101.134 ug/ml
4) T n-Dodecane (C12)	6.388	12988435	98.702 ug/ml
5) T A~2-methylnaphthalene...	7.011	13552839	101.159 ug/ml
6) T n-Tetradecane (C14)	8.183	12818647	98.837 ug/ml
7) T n-Hexadecane (C16)	9.783	13087534	98.797 ug/ml
8) T n-Octadecane (C18)	11.226	13217094	98.103 ug/ml
10) T n-Eicosane (C20)	12.532	12679872	98.094 ug/ml
11) T n-Heneicosane (C21)	13.143	12518082	98.154 ug/ml
13) T n-Docosane (C22)	13.727	12476200	98.177 ug/ml
14) T n-Tetracosane (C24)	14.829	12526610	97.809 ug/ml
15) T n-Hexacosane (C26)	15.848	12414999	98.027 ug/ml
16) T n-Octacosane (C28)	16.796	12234812	97.928 ug/ml
17) T n-Tricontane (C30)	17.681	12429484	97.868 ug/ml
18) T n-Dotriacontane (C32)	18.514	12252208	97.983 ug/ml
19) T n-Tetratriacontane (C34)	19.294	12030511	98.428 ug/ml
20) T n-Hexatriacontane (C36)	20.032	11484392	98.979 ug/ml
21) T n-Octatriacontane (C38)	20.758	10780552	95.702 ug/ml
22) T n-Tetracontane (C40)	21.654	9551911	90.206 ug/ml

(f)=RT Delta > 1/2 Window

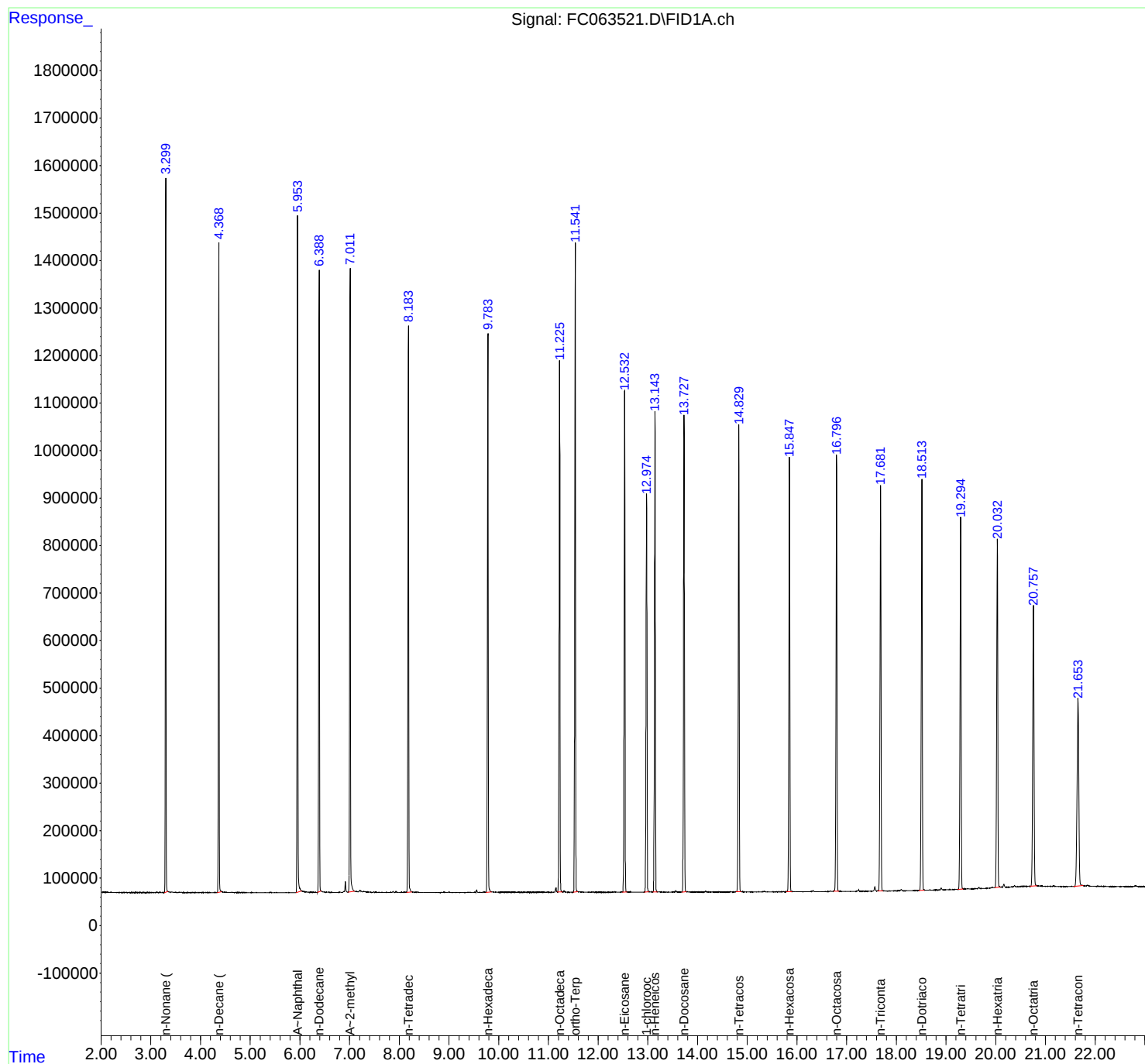
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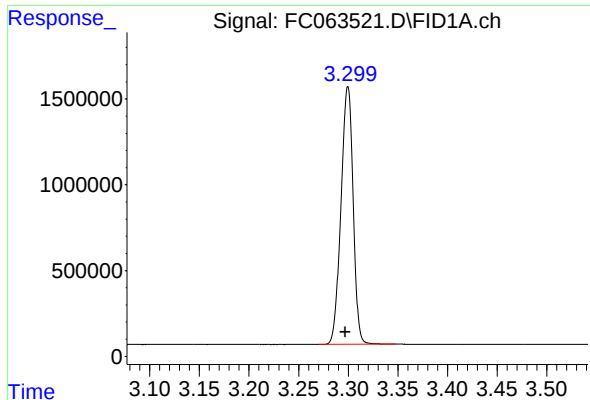
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Data File : FC063521.D
Signal(s) : FID1A.ch
Acq On : 02 May 2023 16:52
Operator : YP/AJ
Sample : 100 PPM ALIPATHIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPATHIC HC STD1

Integration File: autoint1.e
Quant Time: May 03 00:26:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
Quant Title : GC Extractables
QLast Update : Wed May 03 00:24:00 2023
Response via : Initial Calibration
Integrator: ChemStation

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

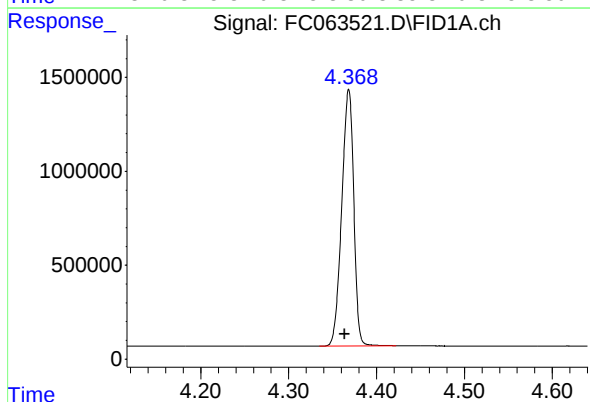




#1 n-Nonane (C9)

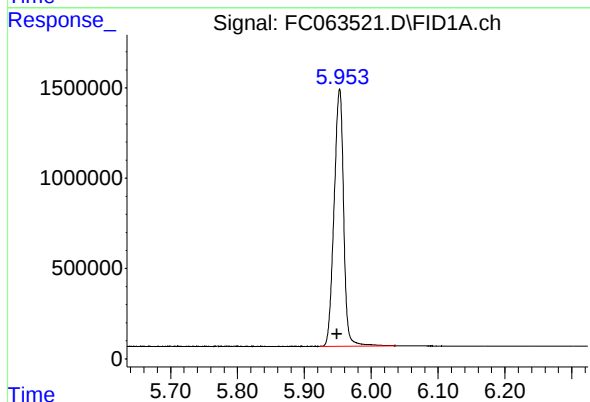
R.T.: 3.300 min
Delta R.T.: 0.003 min
Response: 12805366
Conc: 98.21 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



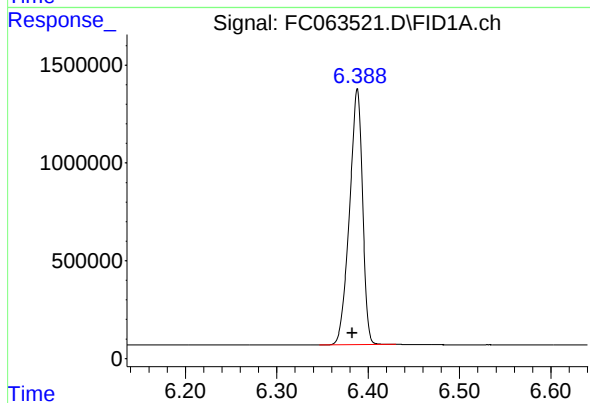
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.005 min
Response: 12985760
Conc: 98.46 ug/ml



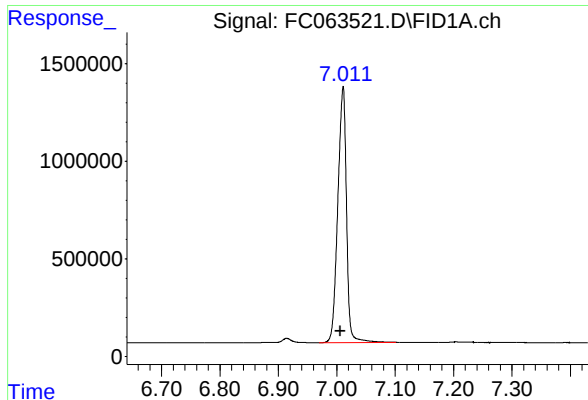
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: 0.004 min
Response: 14134042
Conc: 101.13 ug/ml



#4 n-Dodecane (C12)

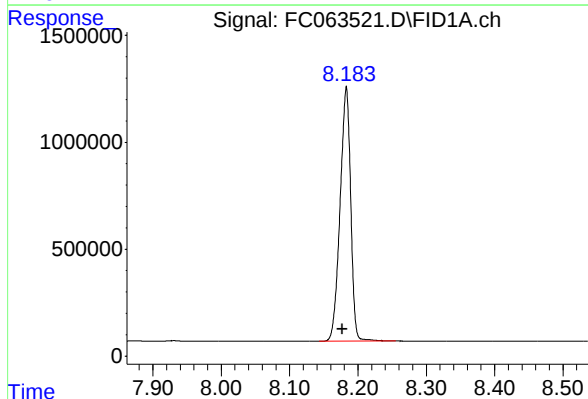
R.T.: 6.388 min
Delta R.T.: 0.006 min
Response: 12988435
Conc: 98.70 ug/ml



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

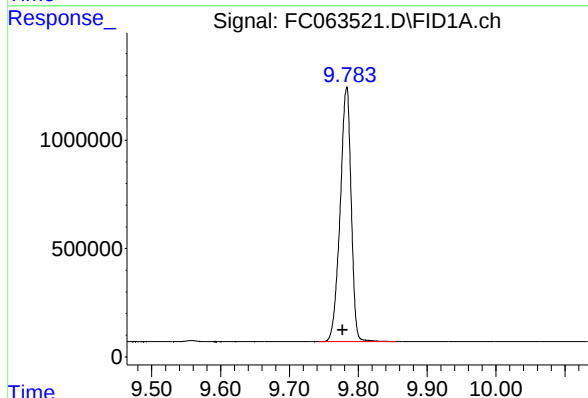
R.T.: 7.011 min
Delta R.T.: 0.005 min
Response: 13552839
Conc: 101.16 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPATHIC HC STD1



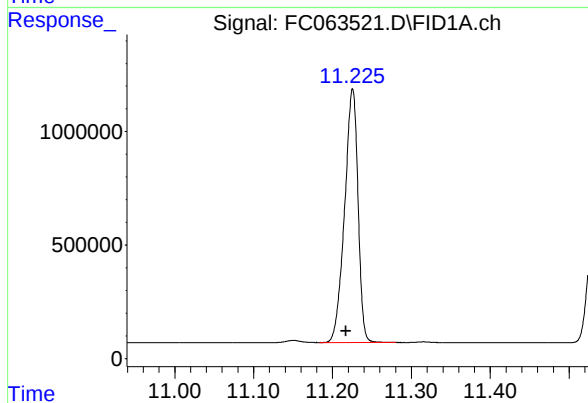
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.005 min
Response: 12818647
Conc: 98.84 ug/ml



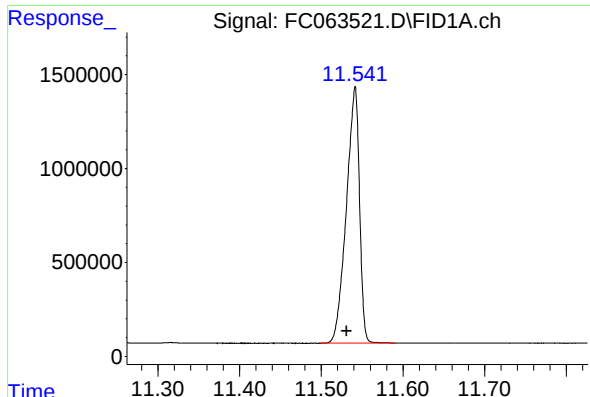
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: 0.006 min
Response: 13087534
Conc: 98.80 ug/ml



#8 n-Octadecane (C18)

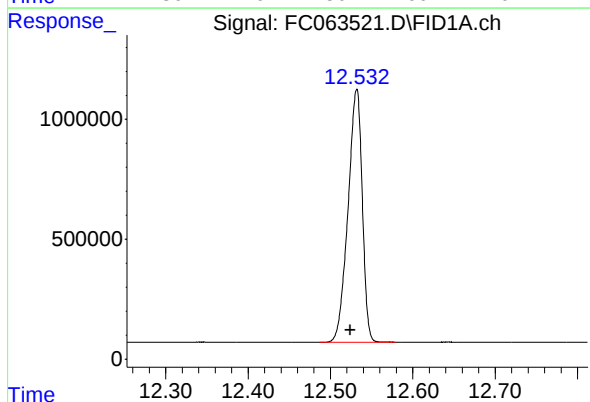
R.T.: 11.226 min
Delta R.T.: 0.008 min
Response: 13217094
Conc: 98.10 ug/ml



#9 ortho-Terphenyl (SURR)

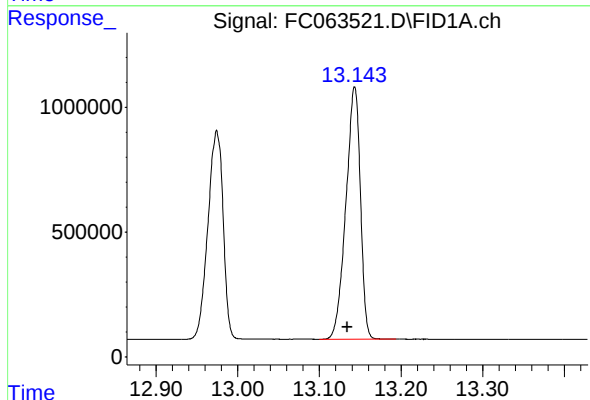
R.T.: 11.541 min
Delta R.T.: 0.011 min
Response: 15236022
Conc: 98.25 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



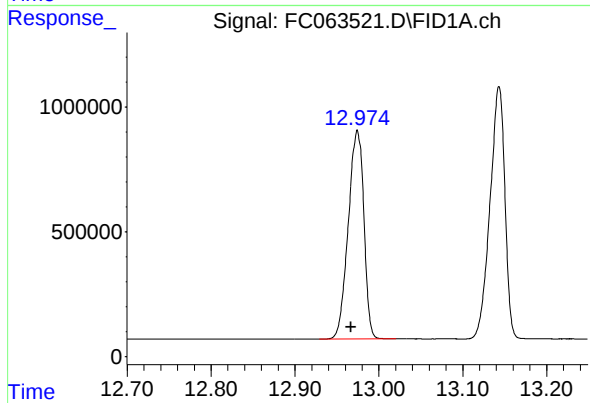
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: 0.008 min
Response: 12679872
Conc: 98.09 ug/ml



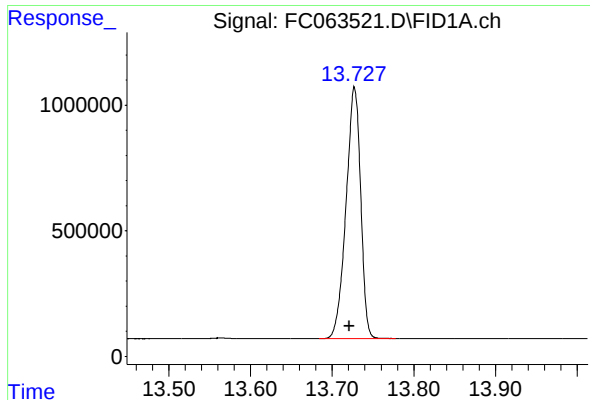
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: 0.009 min
Response: 12518082
Conc: 98.15 ug/ml



#12 1-chlorooctadecane (SURR)

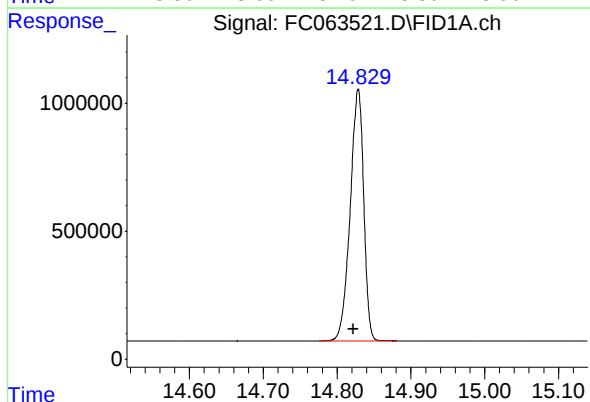
R.T.: 12.974 min
Delta R.T.: 0.007 min
Response: 10809443
Conc: 99.87 ug/ml



#13 n-Docosane (C22)

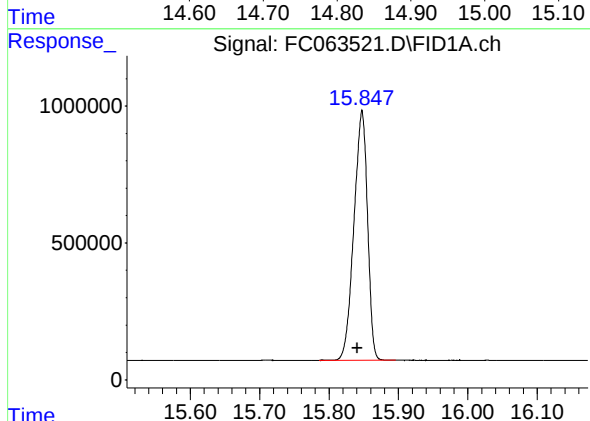
R.T.: 13.727 min
Delta R.T.: 0.006 min
Response: 12476200
Conc: 98.18 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



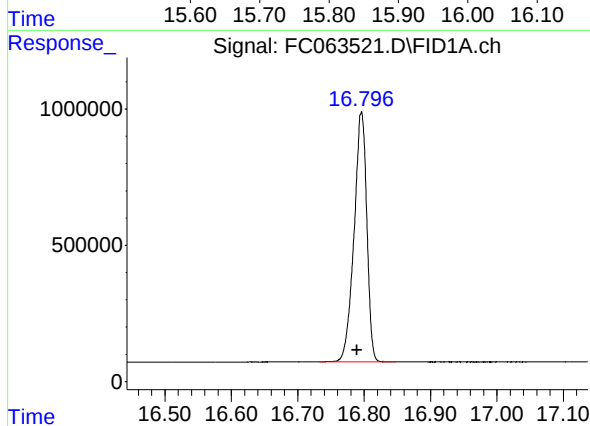
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: 0.007 min
Response: 12526610
Conc: 97.81 ug/ml



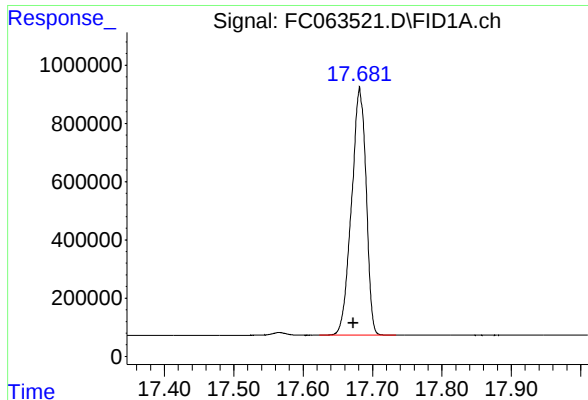
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: 0.007 min
Response: 12414999
Conc: 98.03 ug/ml



#16 n-Octacosane (C28)

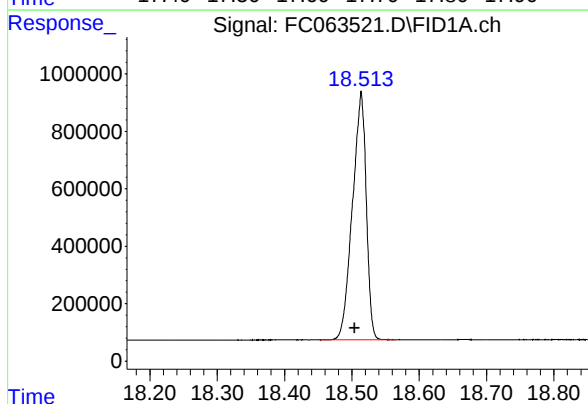
R.T.: 16.796 min
Delta R.T.: 0.007 min
Response: 12234812
Conc: 97.93 ug/ml



#17 n-Tricontane (C30)

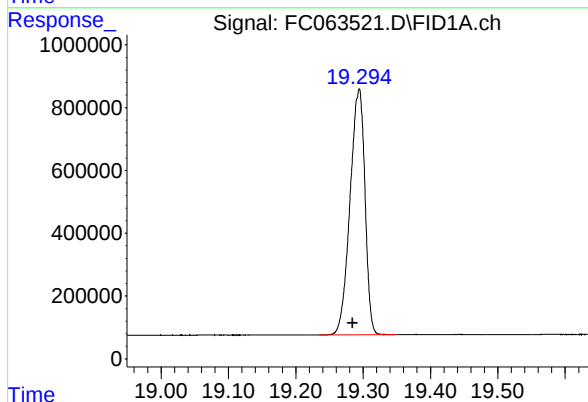
R.T.: 17.681 min
Delta R.T.: 0.009 min
Response: 12429484
Conc: 97.87 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



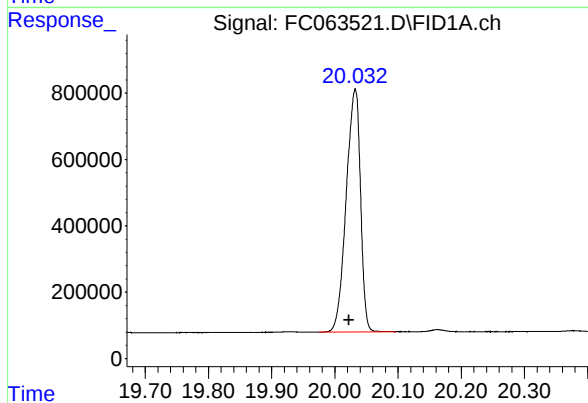
#18 n-Dotriacontane (C32)

R.T.: 18.514 min
Delta R.T.: 0.010 min
Response: 12252208
Conc: 97.98 ug/ml



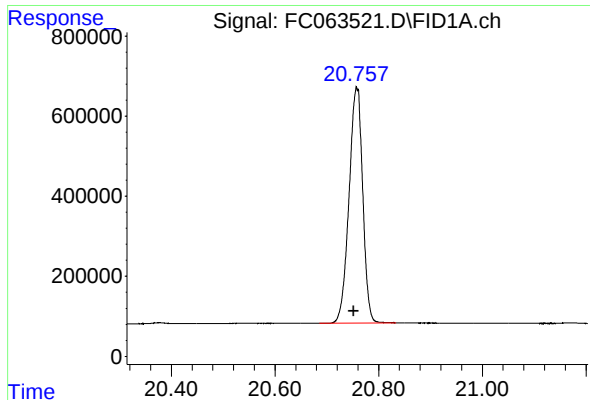
#19 n-Tetratriacontane (C34)

R.T.: 19.294 min
Delta R.T.: 0.010 min
Response: 12030511
Conc: 98.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.032 min
Delta R.T.: 0.010 min
Response: 11484392
Conc: 98.98 ug/ml



#21 n-Octatriacontane (C38)

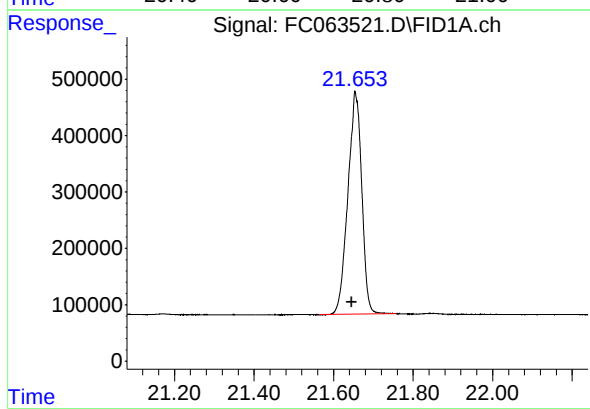
R.T.: 20.758 min
Delta R.T.: 0.006 min
Response: 10780552
Conc: 95.70 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.654 min
Delta R.T.: 0.009 min
Response: 9551911
Conc: 90.21 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063521.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 16:52
 Sample : 100 PPM ALIPATHIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.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	3.300	3.271	3.348	BB	1502819	12805366	84.05%	4.656%
2	4.368	4.335	4.422	BB	1365796	12985760	85.23%	4.722%
3	5.953	5.922	6.037	BB	1425416	14134042	92.77%	5.139%
4	6.388	6.346	6.431	BB	1309151	12988435	85.25%	4.723%
5	7.011	6.970	7.101	BB	1309461	13552839	88.95%	4.928%
6	8.183	8.143	8.255	BB	1192598	12818647	84.13%	4.661%
7	9.783	9.743	9.855	BB	1172693	13087534	85.90%	4.759%
8	11.226	11.183	11.281	BB	1117928	13217094	86.75%	4.806%
9	11.541	11.497	11.591	BB	1365063	15236022	100.00%	5.540%
10	12.532	12.486	12.580	BB	1055391	12679872	83.22%	4.611%
11	12.974	12.929	13.021	BB	836791	10809443	70.95%	3.930%
12	13.143	13.100	13.194	BB	1011736	12518082	82.16%	4.552%
13	13.727	13.684	13.778	BB	1001536	12476200	81.89%	4.537%
14	14.829	14.776	14.880	BB	981874	12526610	82.22%	4.555%
15	15.848	15.785	15.896	BB	913139	12414999	81.48%	4.514%
16	16.796	16.732	16.848	BB	915038	12234812	80.30%	4.449%
17	17.681	17.623	17.734	BB	852688	12429484	81.58%	4.520%
18	18.514	18.451	18.566	BB	865053	12252208	80.42%	4.455%
19	19.294	19.235	19.349	BB	783642	12030511	78.96%	4.374%
20	20.032	19.975	20.097	BB	731320	11484392	75.38%	4.176%
21	20.758	20.685	20.833	BB	582741	10780552	70.76%	3.920%
22	21.654	21.563	21.757	BB	393581	9551911	62.69%	3.473%
Sum of corrected areas:						275014814		

Aliphatic EPH 050223.M Wed May 03 02:38:39 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063522.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 18:09
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 03 00:28:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:28:28 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)	11.535	7766317	50.053 ug/ml
Spiked Amount 50.000		Recovery =	100.11%
12) S 1-chlorooctadecane (S...	12.970	5442644	50.189 ug/ml
Spiked Amount 50.000		Recovery =	100.38%
Target Compounds			
1) T n-Nonane (C9)	3.298	6536333	50.086 ug/ml
2) T n-Decane (C10)	4.366	6621129	50.136 ug/ml
3) T A~Naphthalene (C11.7)	5.950	7122094	50.637 ug/ml
4) T n-Dodecane (C12)	6.385	6620774	50.208 ug/ml
5) T A~2-methylnaphthalene...	7.008	6807683	50.539 ug/ml
6) T n-Tetradecane (C14)	8.181	6521648	50.189 ug/ml
7) T n-Hexadecane (C16)	9.779	6658942	50.178 ug/ml
8) T n-Octadecane (C18)	11.221	6751270	50.074 ug/ml
10) T n-Eicosane (C20)	12.527	6466858	50.019 ug/ml
11) T n-Heneicosane (C21)	13.138	6379705	50.015 ug/ml
13) T n-Docosane (C22)	13.723	6352425	49.992 ug/ml
14) T n-Tetracosane (C24)	14.825	6395113	49.956 ug/ml
15) T n-Hexacosane (C26)	15.844	6325381	49.963 ug/ml
16) T n-Octacosane (C28)	16.790	6239111	49.959 ug/ml
17) T n-Tricontane (C30)	17.677	6348591	49.992 ug/ml
18) T n-Dotriacontane (C32)	18.506	6263017	50.057 ug/ml
19) T n-Tetratriacontane (C34)	19.287	6143837	50.177 ug/ml
20) T n-Hexatriacontane (C36)	20.025	5846191	50.257 ug/ml
21) T n-Octatriacontane (C38)	20.755	5744214	50.658 ug/ml
22) T n-Tetracontane (C40)	21.651	5475330	51.125 ug/ml

(f)=RT Delta > 1/2 Window

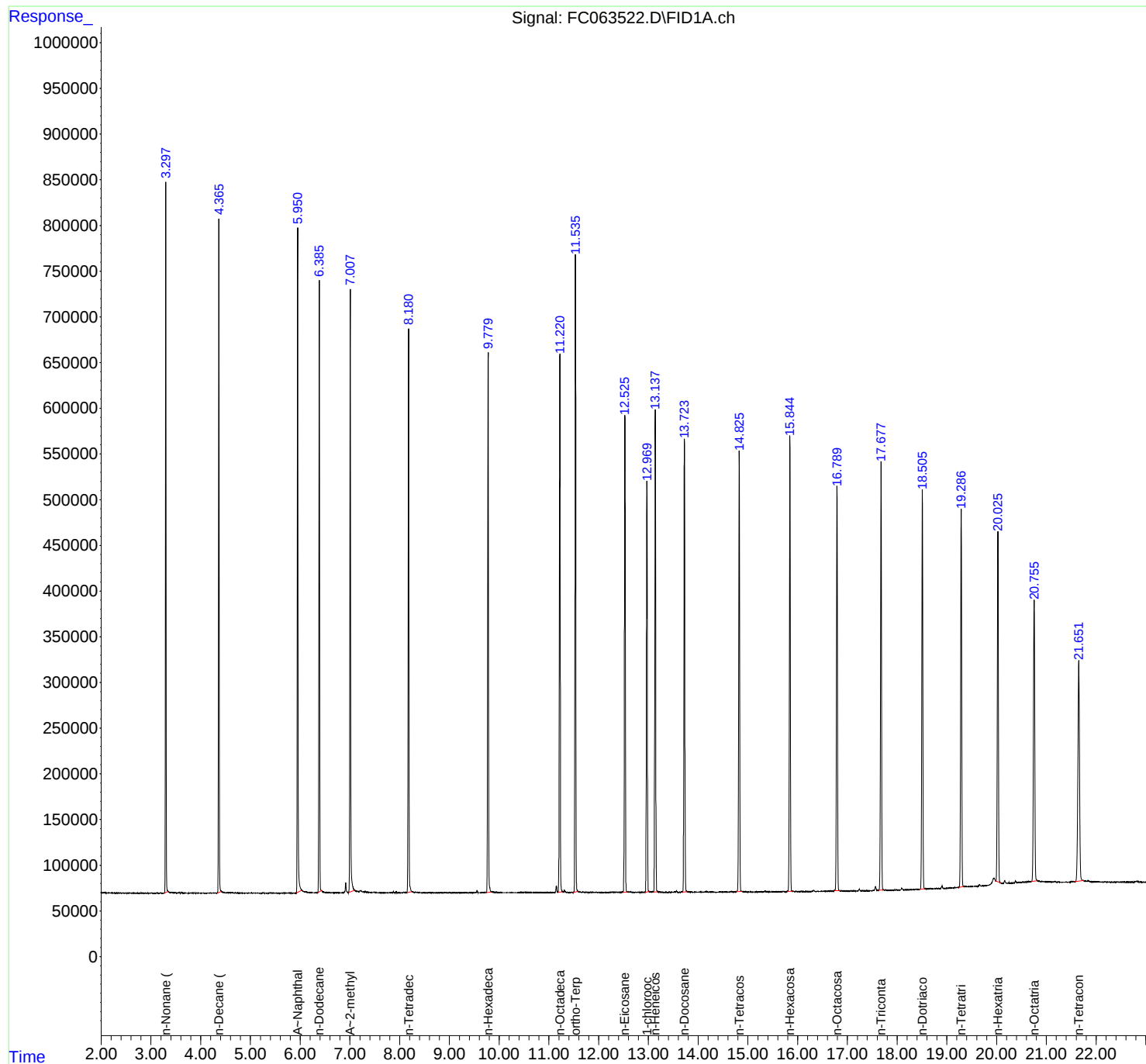
(m)=manual int.

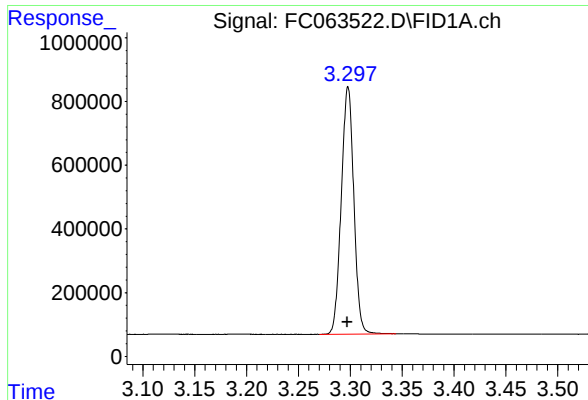
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
Data File : FC063522.D
Signal(s) : FID1A.ch
Acq On : 02 May 2023 18:09
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: May 03 00:28:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
Quant Title : GC Extractables
QLast Update : Wed May 03 00:28:28 2023
Response via : Initial Calibration
Integrator: ChemStation

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

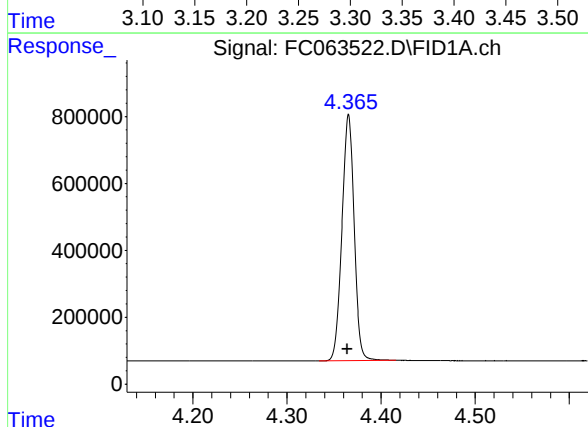




#1 n-Nonane (C9)

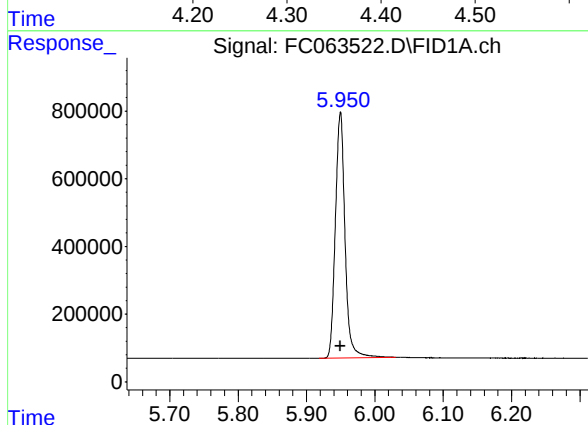
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 6536333
Conc: 50.09 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



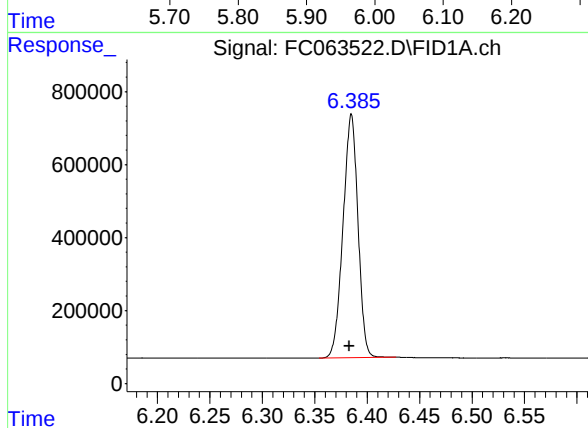
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 6621129
Conc: 50.14 ug/ml



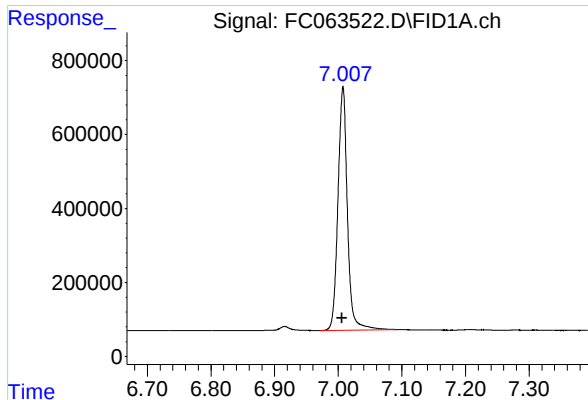
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 7122094
Conc: 50.64 ug/ml



#4 n-Dodecane (C12)

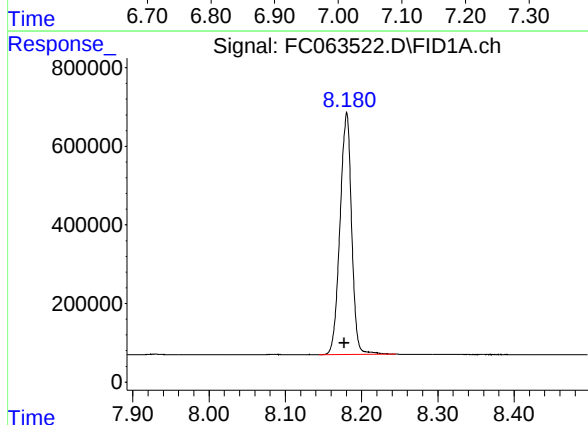
R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 6620774
Conc: 50.21 ug/ml



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

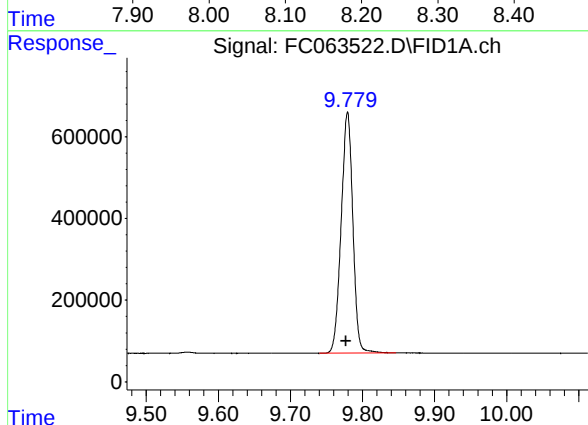
R.T.: 7.008 min
Delta R.T.: 0.001 min
Response: 6807683
Conc: 50.54 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



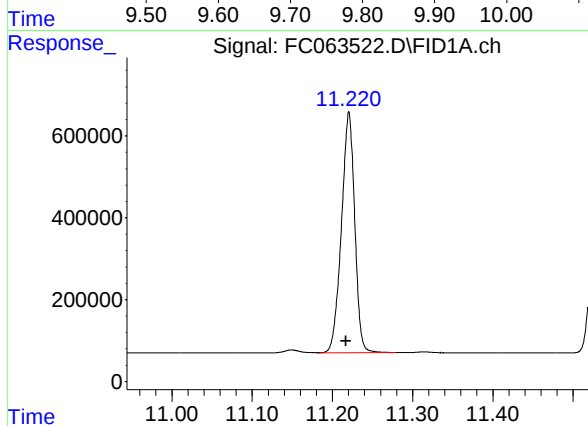
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.003 min
Response: 6521648
Conc: 50.19 ug/ml



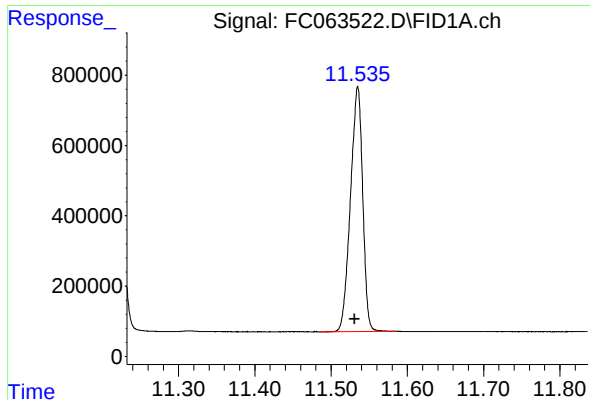
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.002 min
Response: 6658942
Conc: 50.18 ug/ml



#8 n-Octadecane (C18)

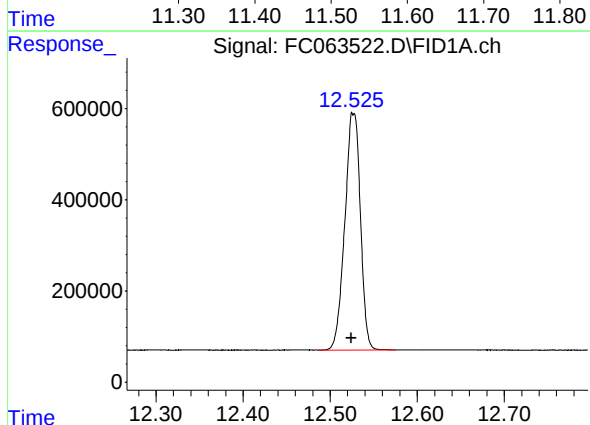
R.T.: 11.221 min
Delta R.T.: 0.004 min
Response: 6751270
Conc: 50.07 ug/ml



#9 ortho-Terphenyl (SURR)

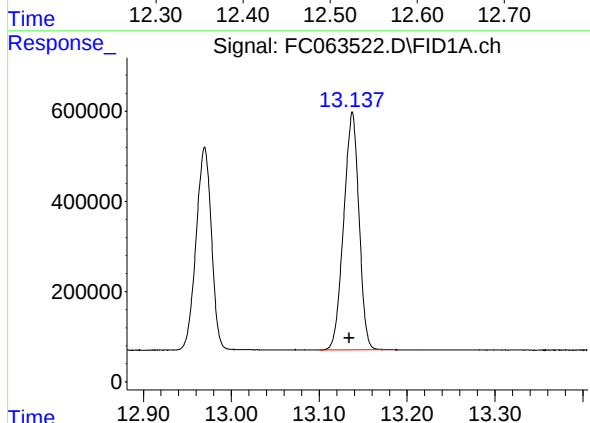
R.T.: 11.535 min
Delta R.T.: 0.004 min
Response: 7766317
Conc: 50.05 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



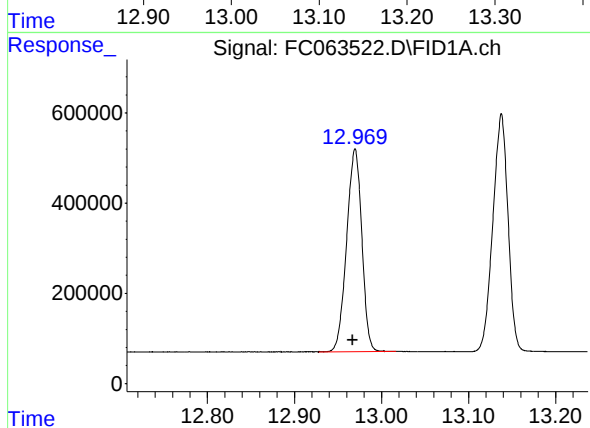
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.002 min
Response: 6466858
Conc: 50.02 ug/ml



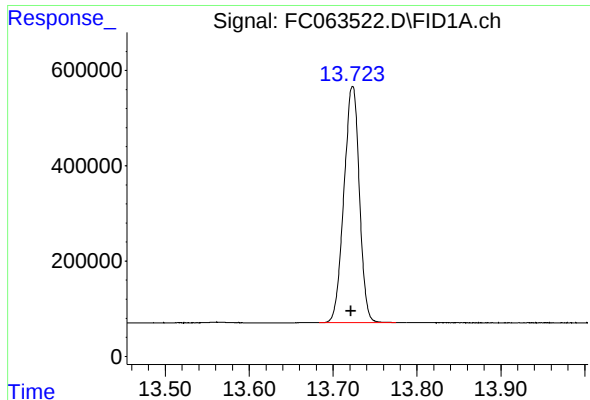
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.004 min
Response: 6379705
Conc: 50.02 ug/ml



#12 1-chlorooctadecane (SURR)

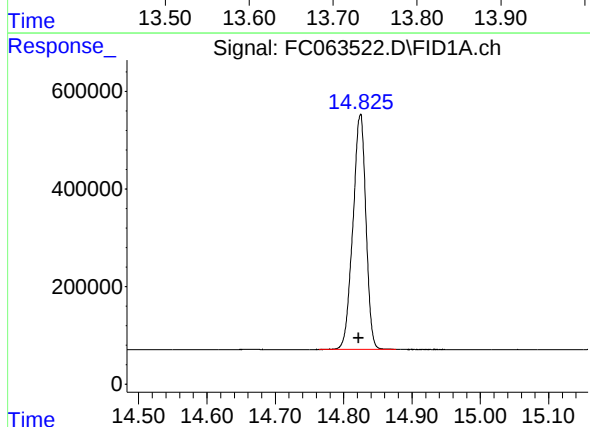
R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 5442644
Conc: 50.19 ug/ml



#13 n-Docosane (C22)

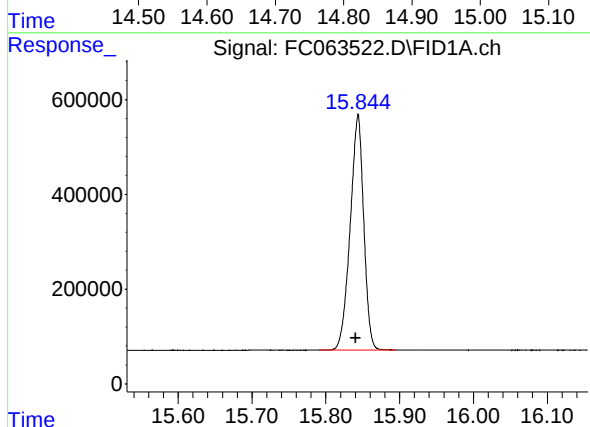
R.T.: 13.723 min
Delta R.T.: 0.002 min
Response: 6352425
Conc: 49.99 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



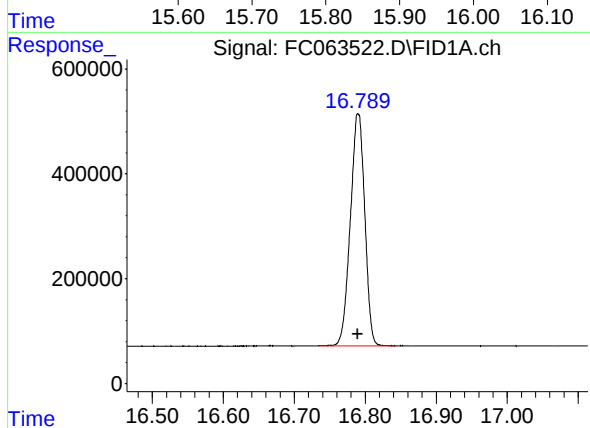
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: 0.002 min
Response: 6395113
Conc: 49.96 ug/ml



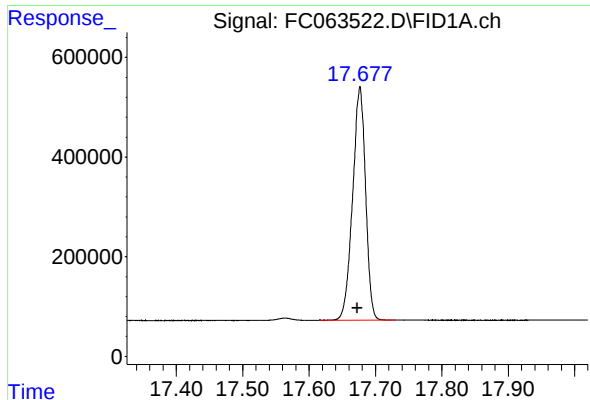
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.003 min
Response: 6325381
Conc: 49.96 ug/ml



#16 n-Octacosane (C28)

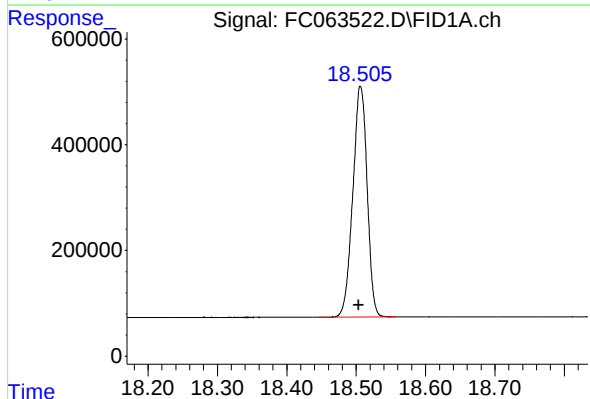
R.T.: 16.790 min
Delta R.T.: 0.001 min
Response: 6239111
Conc: 49.96 ug/ml



#17 n-Tricontane (C30)

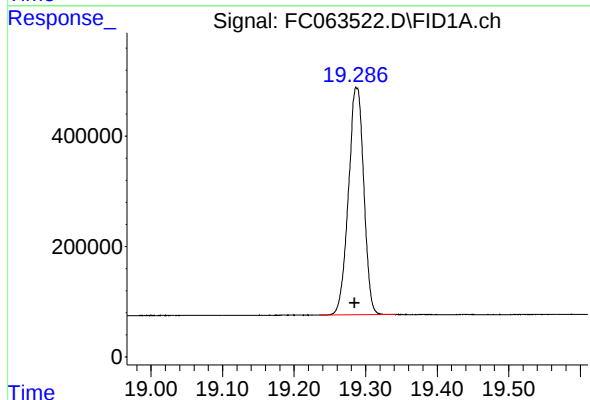
R.T.: 17.677 min
Delta R.T.: 0.004 min
Response: 6348591
Conc: 49.99 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



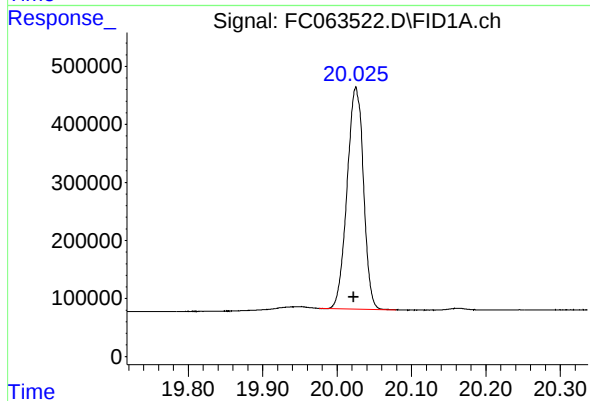
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: 0.002 min
Response: 6263017
Conc: 50.06 ug/ml



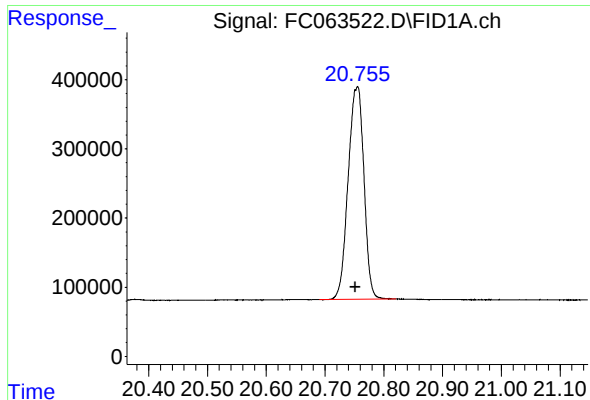
#19 n-Tetatriacontane (C34)

R.T.: 19.287 min
Delta R.T.: 0.003 min
Response: 6143837
Conc: 50.18 ug/ml



#20 n-Hexatriacontane (C36)

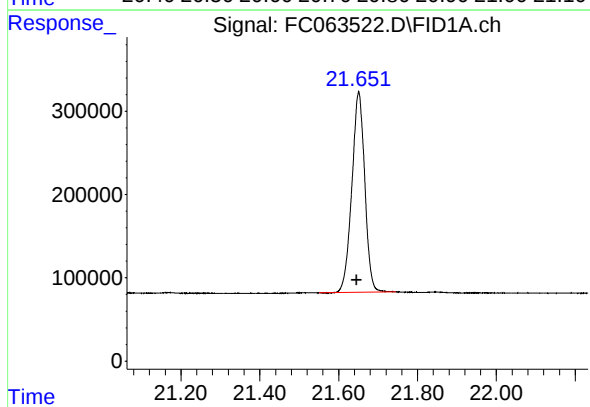
R.T.: 20.025 min
Delta R.T.: 0.003 min
Response: 5846191
Conc: 50.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: 0.004 min
Response: 5744214
Conc: 50.66 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.651 min
Delta R.T.: 0.005 min
Response: 5475330
Conc: 51.13 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063522.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 18:09
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.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	3.298	3.270	3.344	BB	777009	6536333	84.16%	4.641%
2	4.366	4.334	4.416	BB	736467	6621129	85.25%	4.702%
3	5.950	5.918	6.031	BB	727979	7122094	91.70%	5.057%
4	6.385	6.354	6.427	BB	668642	6620774	85.25%	4.701%
5	7.008	6.970	7.091	BB	658906	6807683	87.66%	4.834%
6	8.181	8.144	8.245	BB	616144	6521648	83.97%	4.631%
7	9.779	9.740	9.847	BB	589883	6658942	85.74%	4.728%
8	11.221	11.183	11.279	BB	588815	6751270	86.93%	4.794%
9	11.535	11.484	11.585	BB	697211	7766317	100.00%	5.515%
10	12.527	12.487	12.576	BB	514697	6466858	83.27%	4.592%
11	12.970	12.928	13.017	BB	449865	5442644	70.08%	3.865%
12	13.138	13.100	13.187	BB	527778	6379705	82.15%	4.530%
13	13.723	13.683	13.775	BB	495847	6352425	81.79%	4.511%
14	14.825	14.764	14.877	BB	481525	6395113	82.34%	4.541%
15	15.844	15.791	15.895	BB	498908	6325381	81.45%	4.492%
16	16.790	16.735	16.843	BB	442507	6239111	80.34%	4.430%
17	17.677	17.615	17.731	BB	468793	6348591	81.75%	4.508%
18	18.506	18.447	18.557	BB	436623	6263017	80.64%	4.447%
19	19.287	19.235	19.342	BB	410458	6143837	79.11%	4.363%
20	20.025	19.976	20.079	BB	382100	5846191	75.28%	4.151%
21	20.755	20.690	20.821	BB	307761	5744214	73.96%	4.079%
22	21.651	21.550	21.745	BB	240853	5475330	70.50%	3.888%
Sum of corrected areas:						140828605		

Aliphatic EPH 050223.M Wed May 03 02:39:07 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063523.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 18:47
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 03 00:24:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:24:00 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)	11.531	3155892	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.967	2167659	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.297	2654463	20.000 ug/ml
2) T n-Decane (C10)	4.364	2678174	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2763431	20.000 ug/ml
4) T n-Dodecane (C12)	6.383	2665995	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.006	2648446	20.000 ug/ml
6) T n-Tetradecane (C14)	8.178	2624063	20.000 ug/ml
7) T n-Hexadecane (C16)	9.777	2681233	20.000 ug/ml
8) T n-Octadecane (C18)	11.217	2745657	20.000 ug/ml
10) T n-Eicosane (C20)	12.524	2634512	20.000 ug/ml
11) T n-Heneicosane (C21)	13.134	2597791	20.000 ug/ml
13) T n-Docosane (C22)	13.721	2587909	20.000 ug/ml
14) T n-Tetracosane (C24)	14.822	2617562	20.000 ug/ml
15) T n-Hexacosane (C26)	15.840	2582953	20.000 ug/ml
16) T n-Octacosane (C28)	16.789	2550531	20.000 ug/ml
17) T n-Tricontane (C30)	17.672	2594191	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.504	2551340	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.284	2482949	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2344261	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.752	2349770	20.000 ug/ml
22) T n-Tetracontane (C40)	21.646	2325238	20.000 ug/ml

(f)=RT Delta > 1/2 Window

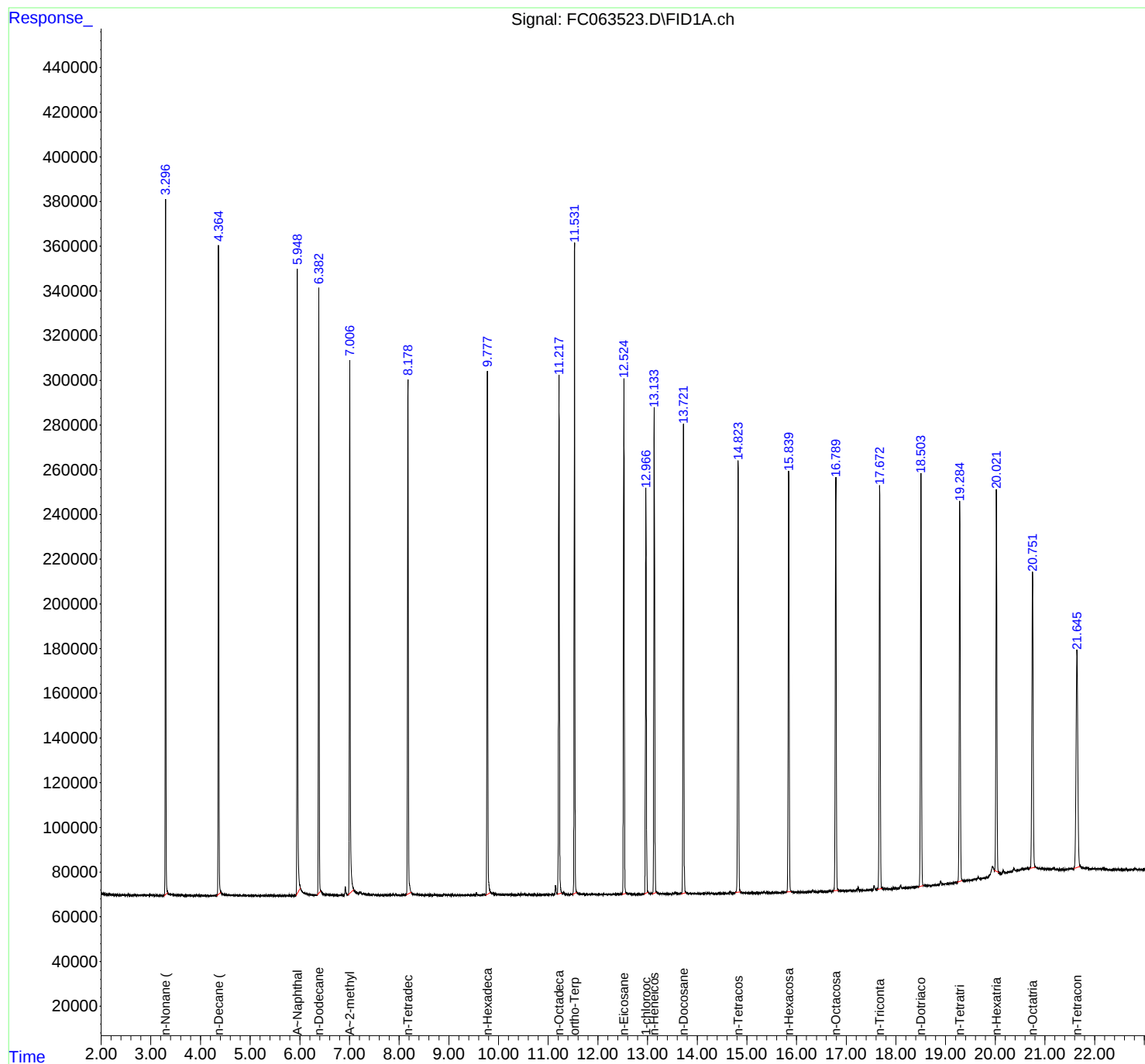
(m)=manual int.

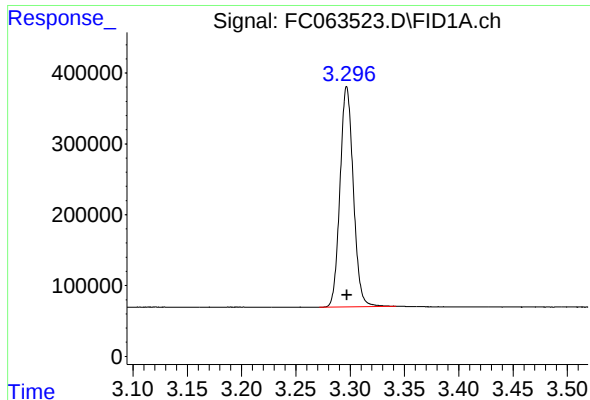
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
Data File : FC063523.D
Signal(s) : FID1A.ch
Acq On : 02 May 2023 18:47
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: May 03 00:24:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
Quant Title : GC Extractables
QLast Update : Wed May 03 00:24:00 2023
Response via : Initial Calibration
Integrator: ChemStation

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

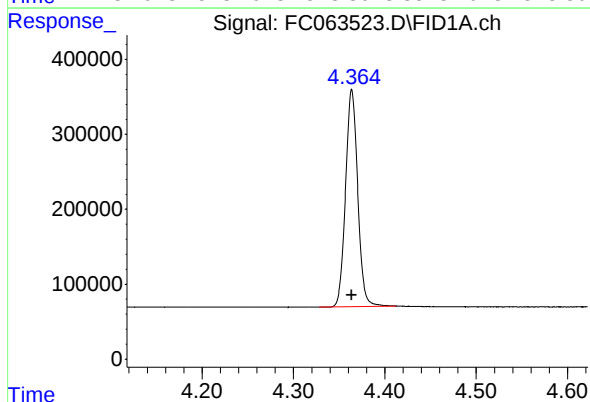




#1 n-Nonane (C9)

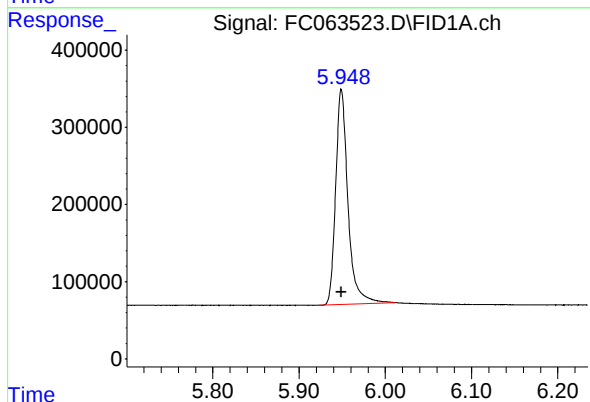
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 2654463
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



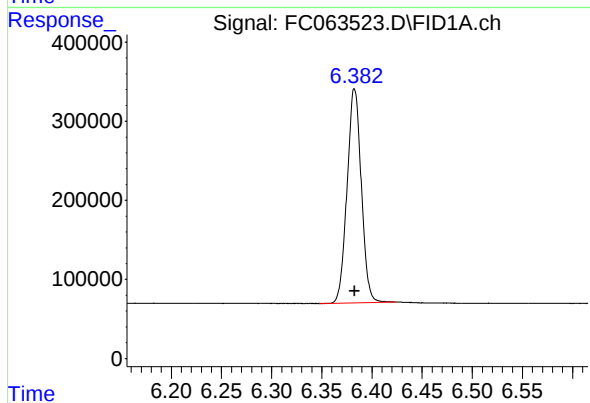
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 2678174
Conc: 20.00 ug/ml



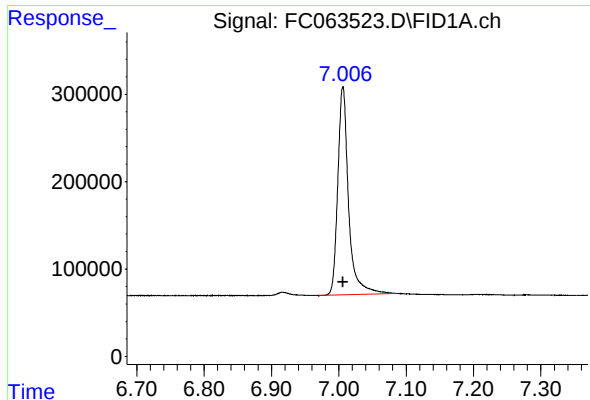
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 2763431
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

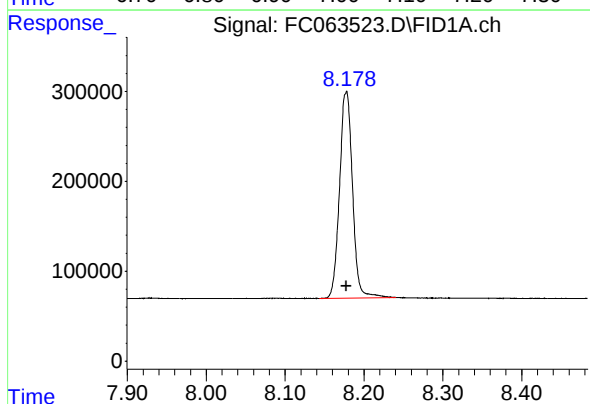
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 2665995
Conc: 20.00 ug/ml



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

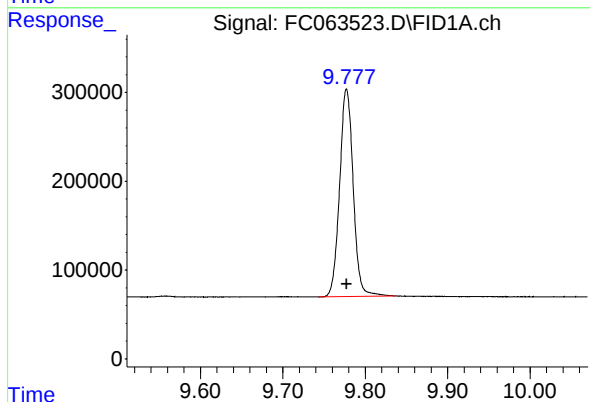
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2648446
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



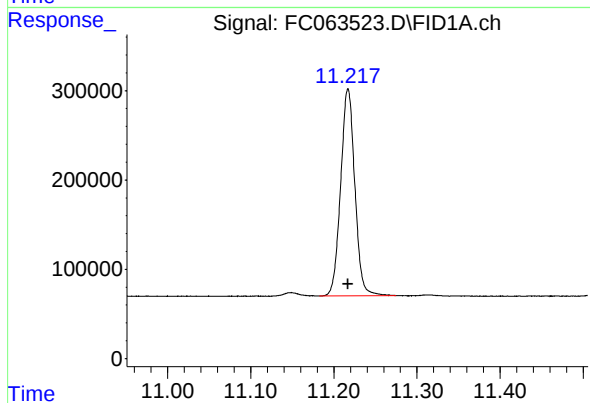
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2624063
Conc: 20.00 ug/ml



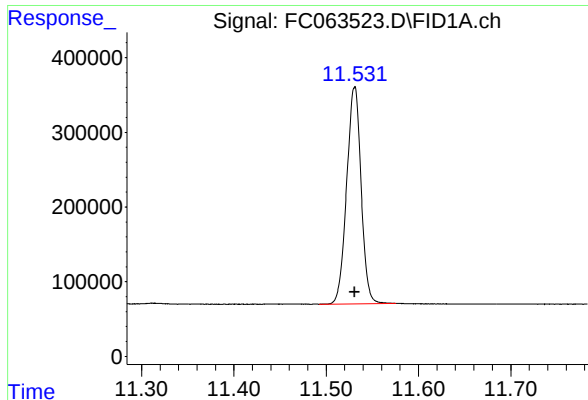
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 2681233
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

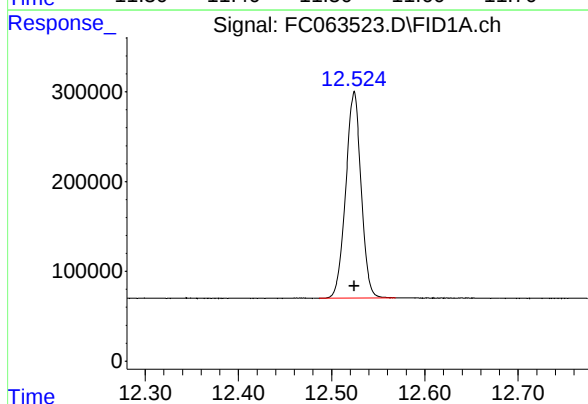
R.T.: 11.217 min
Delta R.T.: 0.000 min
Response: 2745657
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

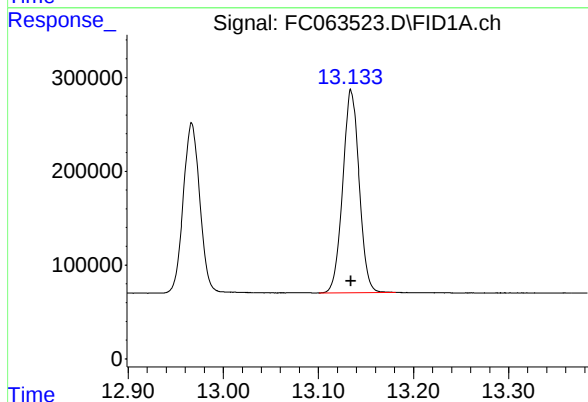
R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 3155892
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



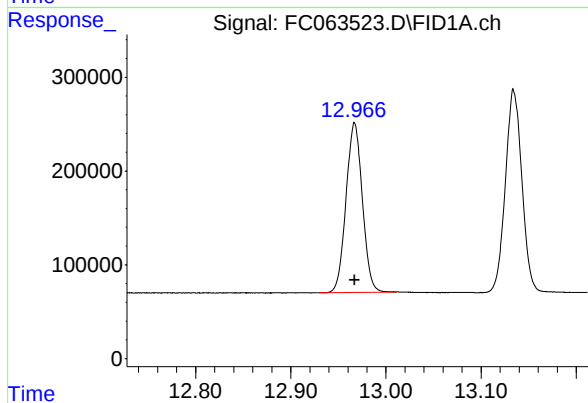
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.000 min
Response: 2634512
Conc: 20.00 ug/ml



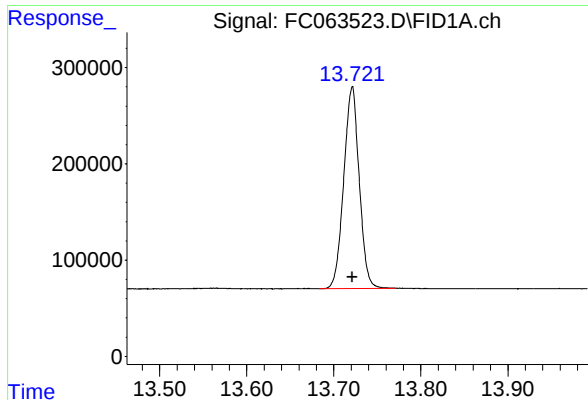
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.000 min
Response: 2597791
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

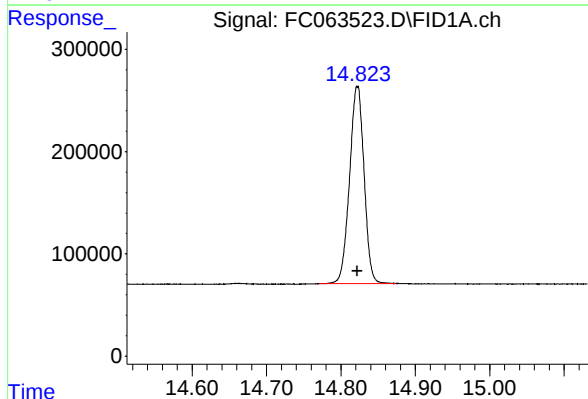
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 2167659
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

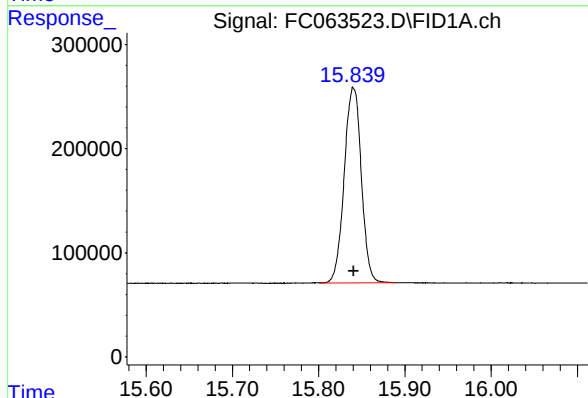
R.T.: 13.721 min
Delta R.T.: 0.000 min
Response: 2587909
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



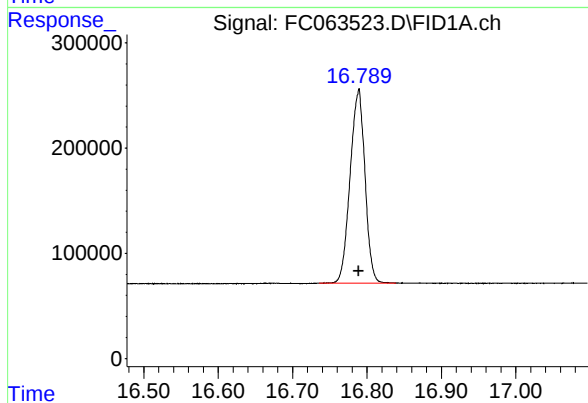
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.000 min
Response: 2617562
Conc: 20.00 ug/ml



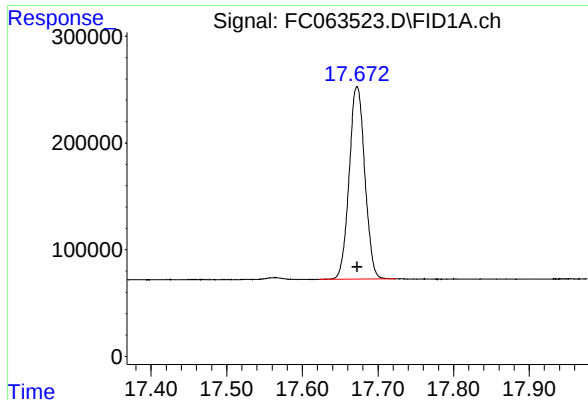
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.000 min
Response: 2582953
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

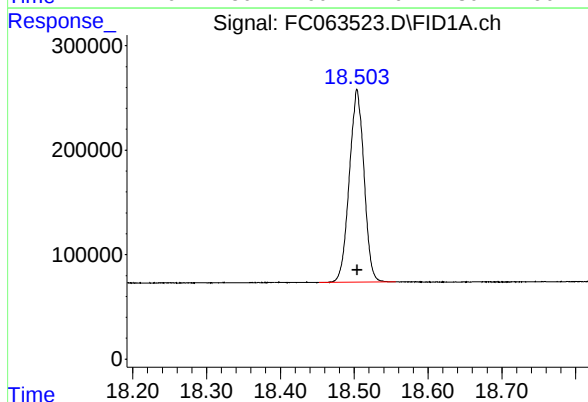
R.T.: 16.789 min
Delta R.T.: 0.000 min
Response: 2550531
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

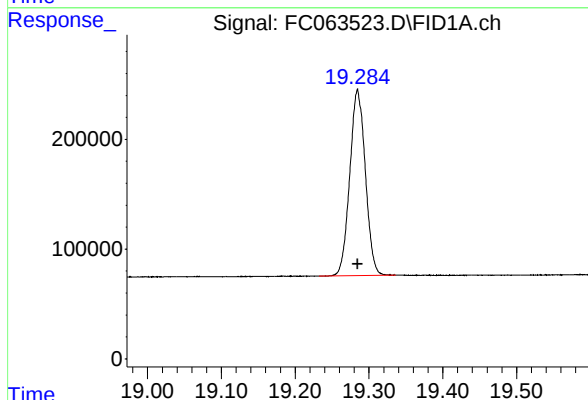
R.T.: 17.672 min
Delta R.T.: 0.000 min
Response: 2594191
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



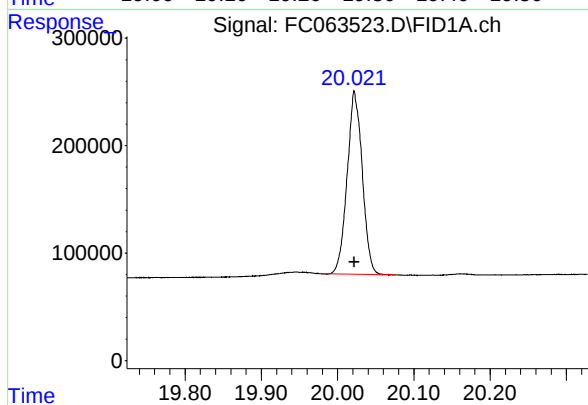
#18 n-Dotriacontane (C32)

R.T.: 18.504 min
Delta R.T.: 0.000 min
Response: 2551340
Conc: 20.00 ug/ml



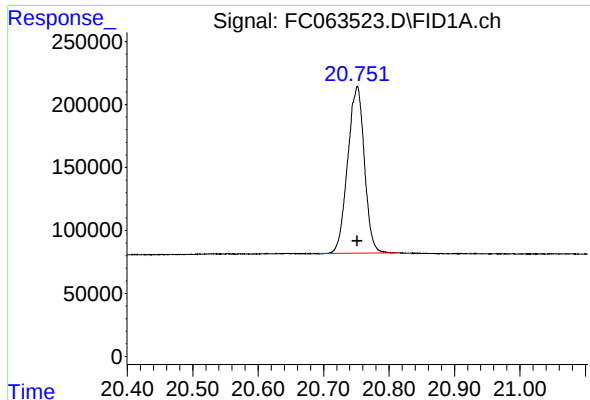
#19 n-Tetatriacontane (C34)

R.T.: 19.284 min
Delta R.T.: 0.000 min
Response: 2482949
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

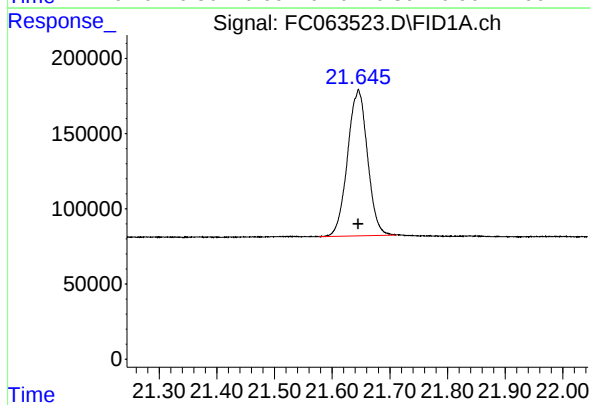
R.T.: 20.022 min
Delta R.T.: 0.000 min
Response: 2344261
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.752 min
Delta R.T.: 0.000 min
Response: 2349770
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.646 min
Delta R.T.: 0.000 min
Response: 2325238
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
Data File : FC063523.D
Signal(s) : FID1A.ch
Acq On : 02 May 2023 18:47
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.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	3.297	3.271	3.342	BB	310776	2654463	84.11%	4.657%
2	4.364	4.328	4.412	BB	290139	2678174	84.86%	4.698%
3	5.949	5.923	6.012	BB	278950	2763431	87.56%	4.848%
4	6.383	6.347	6.424	BB	269191	2665995	84.48%	4.677%
5	7.006	6.971	7.085	BB	238676	2648446	83.92%	4.646%
6	8.178	8.143	8.241	BB	228781	2624063	83.15%	4.603%
7	9.777	9.744	9.837	BB	233965	2681233	84.96%	4.704%
8	11.217	11.182	11.275	BB	232104	2745657	87.00%	4.817%
9	11.531	11.492	11.576	BB	289480	3155892	100.00%	5.536%
10	12.524	12.486	12.569	BB	230007	2634512	83.48%	4.622%
11	12.967	12.930	13.011	BB	180666	2167659	68.69%	3.803%
12	13.134	13.101	13.181	BB	216288	2597791	82.32%	4.557%
13	13.721	13.683	13.771	BB	209964	2587909	82.00%	4.540%
14	14.822	14.771	14.874	BB	191792	2617562	82.94%	4.592%
15	15.840	15.801	15.890	BB	186716	2582953	81.85%	4.531%
16	16.789	16.736	16.839	BB	183958	2550531	80.82%	4.474%
17	17.672	17.622	17.724	BB	180566	2594191	82.20%	4.551%
18	18.504	18.452	18.556	BB	184433	2551340	80.84%	4.476%
19	19.284	19.232	19.336	BB	170371	2482949	78.68%	4.356%
20	20.022	19.976	20.076	BB	170248	2344261	74.28%	4.112%
21	20.752	20.693	20.811	BB	132518	2349770	74.46%	4.122%
22	21.646	21.577	21.711	BB	97447	2325238	73.68%	4.079%
Sum of corrected areas:							57004019	

Aliphatic EPH 050223.M Wed May 03 02:39:30 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063524.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 19:25
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 03 00:30:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:30:21 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)	11.530	1622652	10.340 ug/ml
Spiked Amount 50.000		Recovery =	20.68%
12) S 1-chlorooctadecane (S...	12.967	1086351	10.013 ug/ml
Spiked Amount 50.000		Recovery =	20.03%
Target Compounds			
1) T n-Nonane (C9)	3.297	1341371	10.208 ug/ml
2) T n-Decane (C10)	4.364	1351671	10.175 ug/ml
3) T A~Naphthalene (C11.7)	5.951	1344786	9.667 ug/ml
4) T n-Dodecane (C12)	6.382	1344758	10.148 ug/ml
5) T A~2-methylnaphthalene...	7.008	1262476	9.522 ug/ml
6) T n-Tetradecane (C14)	8.177	1278121	9.877 ug/ml
7) T n-Hexadecane (C16)	9.776	1353636	10.149 ug/ml
8) T n-Octadecane (C18)	11.216	1399393	10.282 ug/ml
10) T n-Eicosane (C20)	12.524	1345745	10.304 ug/ml
11) T n-Heneicosane (C21)	13.136	1329668	10.315 ug/ml
13) T n-Docosane (C22)	13.721	1317863	10.276 ug/ml
14) T n-Tetracosane (C24)	14.820	1346089	10.381 ug/ml
15) T n-Hexacosane (C26)	15.840	1322795	10.333 ug/ml
16) T n-Octacosane (C28)	16.788	1307859	10.350 ug/ml
17) T n-Tricontane (C30)	17.672	1335063	10.380 ug/ml
18) T n-Dotriacontane (C32)	18.503	1315532	10.381 ug/ml
19) T n-Tetratriacontane (C34)	19.283	1272432	10.291 ug/ml
20) T n-Hexatriacontane (C36)	20.022	1196267	10.211 ug/ml
21) T n-Octatriacontane (C38)	20.748	1198789	10.423 ug/ml
22) T n-Tetracontane (C40)	21.646	1198064	10.864 ug/ml

(f)=RT Delta > 1/2 Window

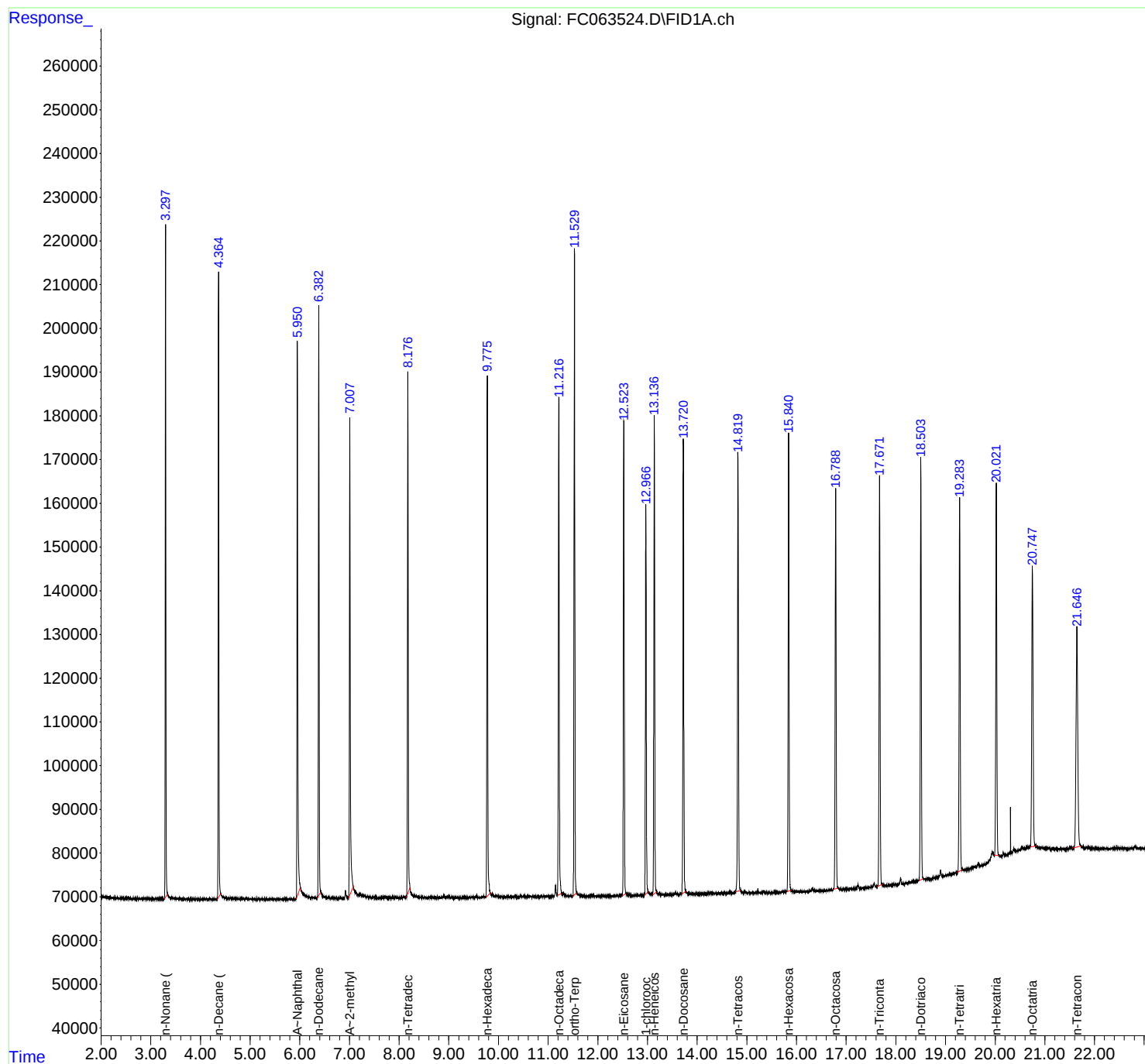
(m)=manual int.

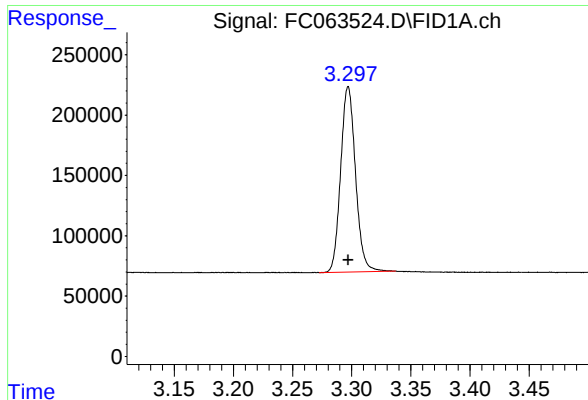
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
Data File : FC063524.D
Signal(s) : FID1A.ch
Acq On : 02 May 2023 19:25
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: May 03 00:30:33 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
Quant Title : GC Extractables
QLast Update : Wed May 03 00:30:21 2023
Response via : Initial Calibration
Integrator: ChemStation

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

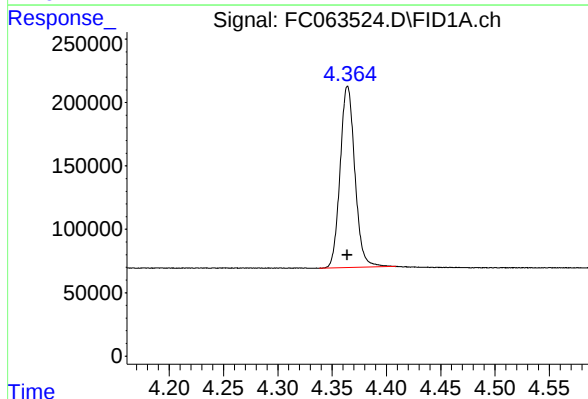




#1 n-Nonane (C9)

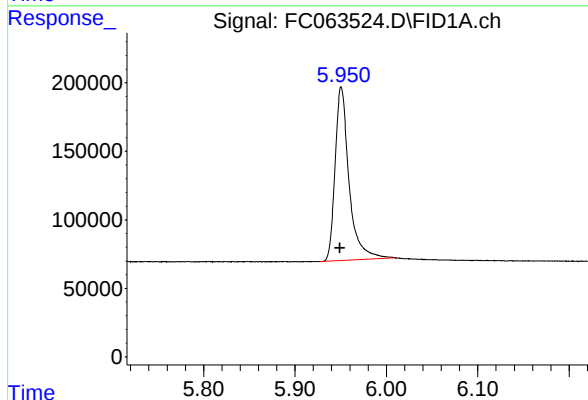
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 1341371
Conc: 10.21 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



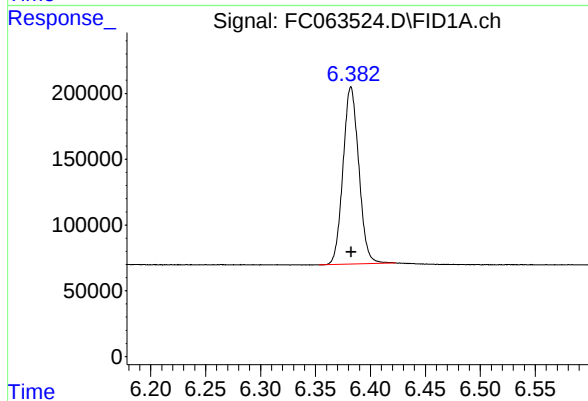
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1351671
Conc: 10.18 ug/ml



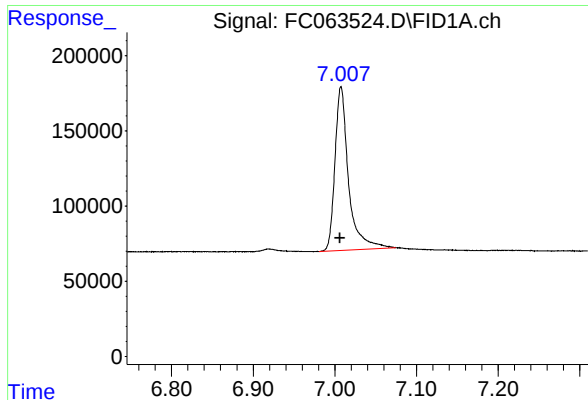
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 1344786
Conc: 9.67 ug/ml



#4 n-Dodecane (C12)

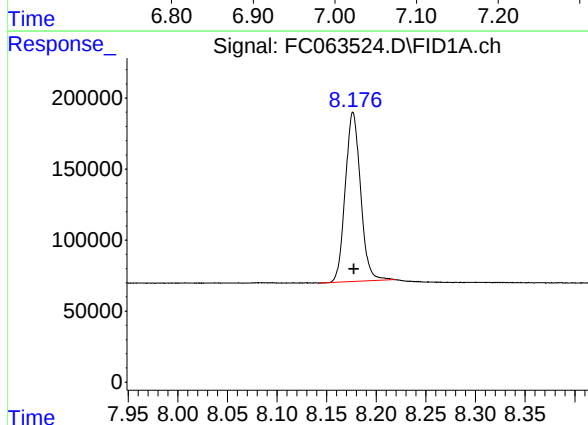
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 1344758
Conc: 10.15 ug/ml



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

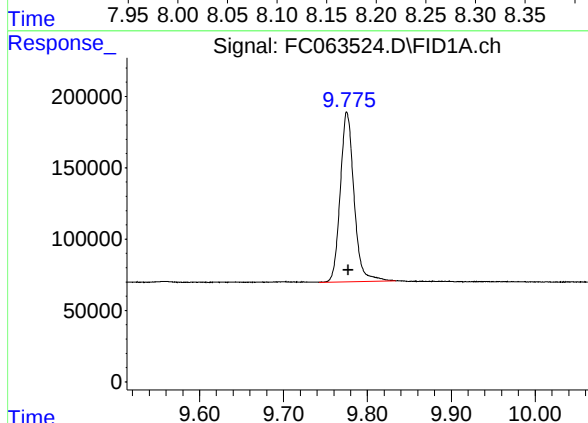
R.T.: 7.008 min
Delta R.T.: 0.001 min
Response: 1262476
Conc: 9.52 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



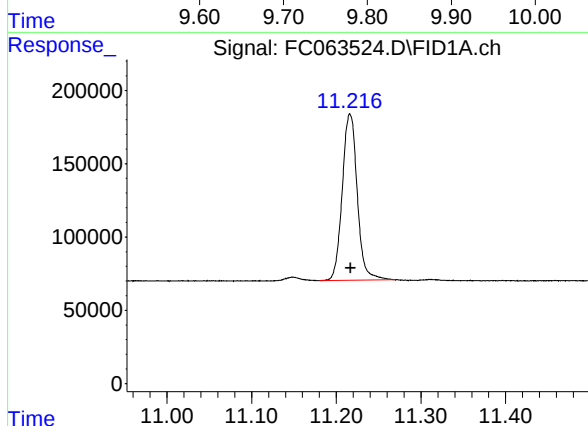
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 1278121
Conc: 9.88 ug/ml



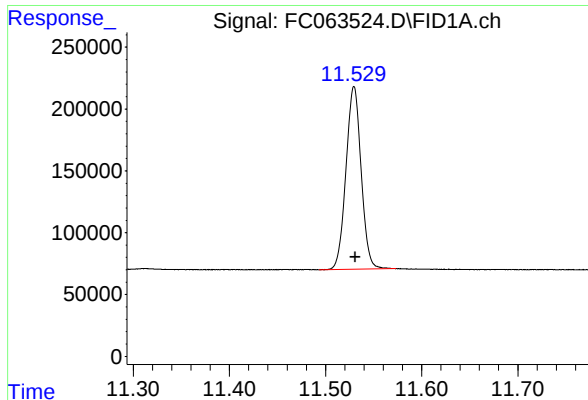
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.002 min
Response: 1353636
Conc: 10.15 ug/ml



#8 n-Octadecane (C18)

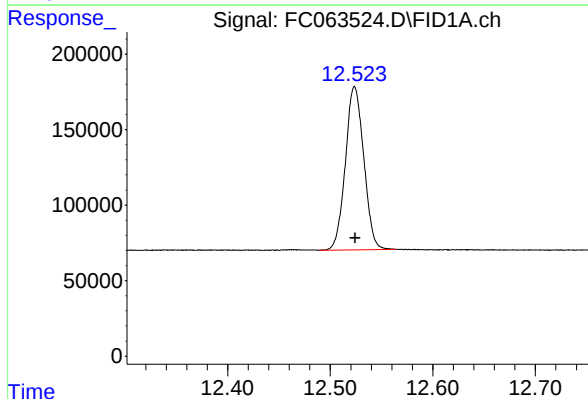
R.T.: 11.216 min
Delta R.T.: 0.000 min
Response: 1399393
Conc: 10.28 ug/ml



#9 ortho-Terphenyl (SURR)

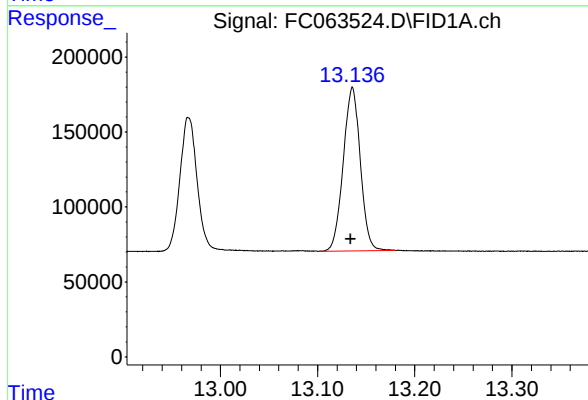
R.T.: 11.530 min
Delta R.T.: -0.001 min
Response: 1622652
Conc: 10.34 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



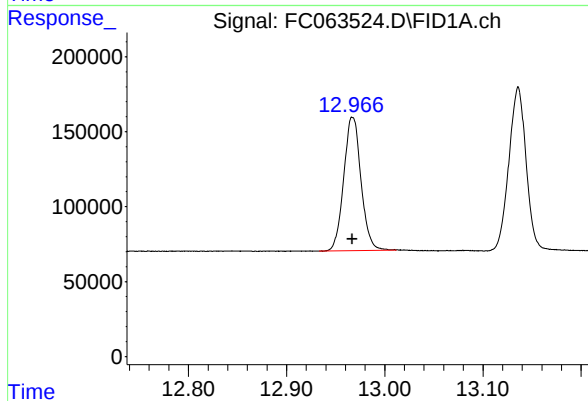
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.000 min
Response: 1345745
Conc: 10.30 ug/ml



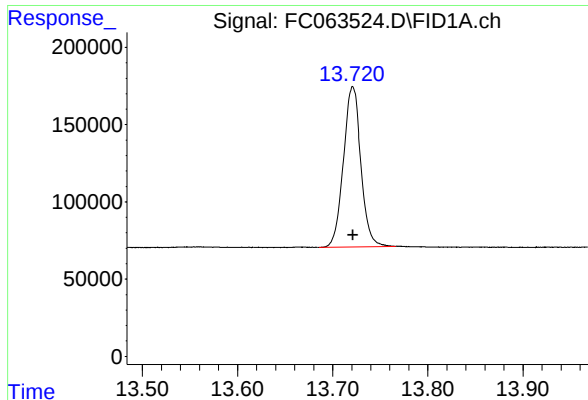
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: 0.002 min
Response: 1329668
Conc: 10.31 ug/ml



#12 1-chlorooctadecane (SURR)

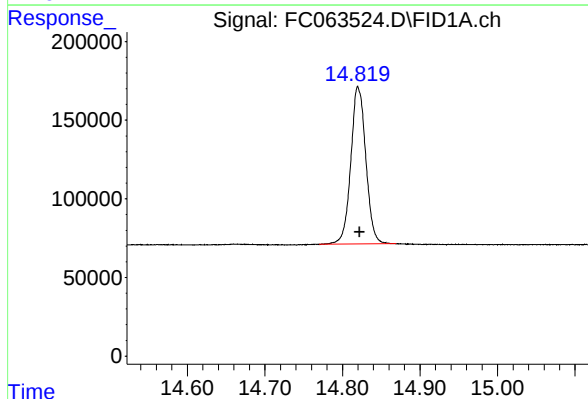
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 1086351
Conc: 10.01 ug/ml



#13 n-Docosane (C22)

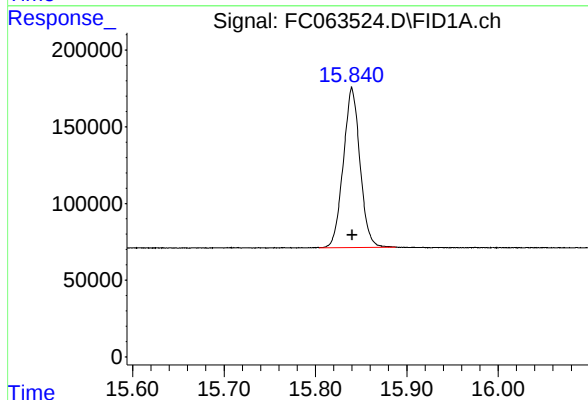
R.T.: 13.721 min
Delta R.T.: 0.000 min
Response: 1317863
Conc: 10.28 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



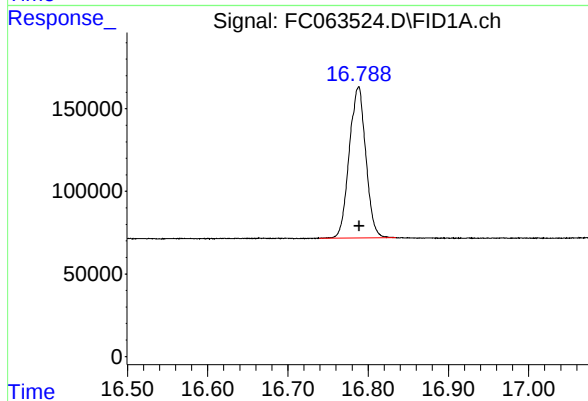
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: -0.002 min
Response: 1346089
Conc: 10.38 ug/ml



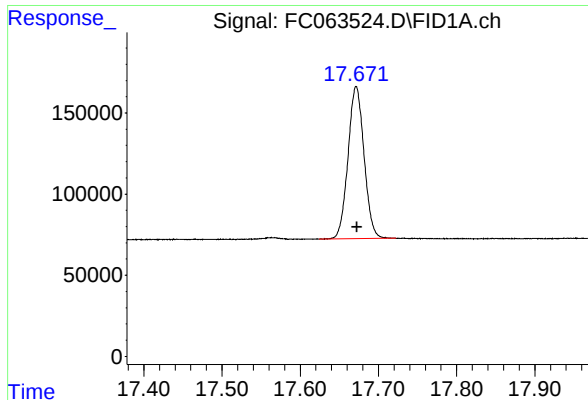
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.000 min
Response: 1322795
Conc: 10.33 ug/ml



#16 n-Octacosane (C28)

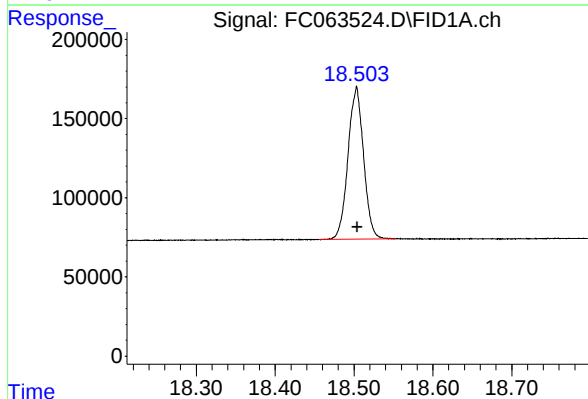
R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 1307859
Conc: 10.35 ug/ml



#17 n-Tricontane (C30)

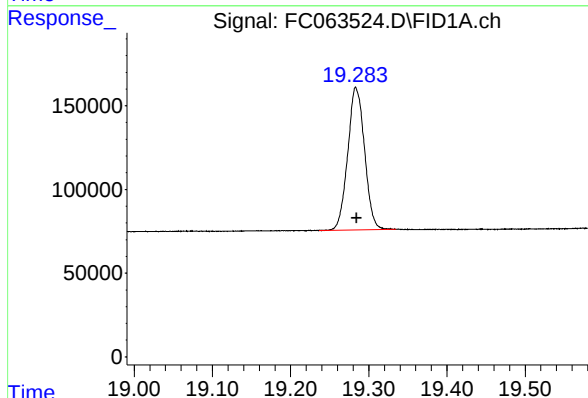
R.T.: 17.672 min
Delta R.T.: 0.000 min
Response: 1335063
Conc: 10.38 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



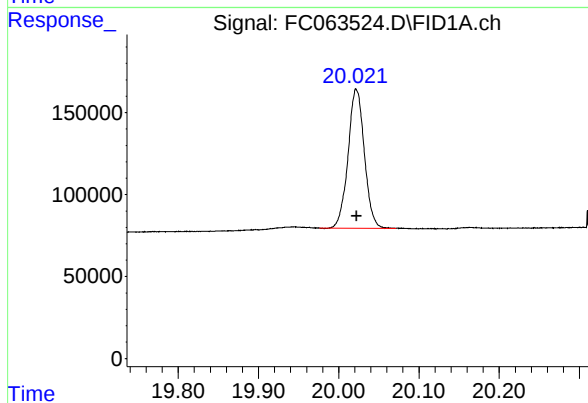
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.000 min
Response: 1315532
Conc: 10.38 ug/ml



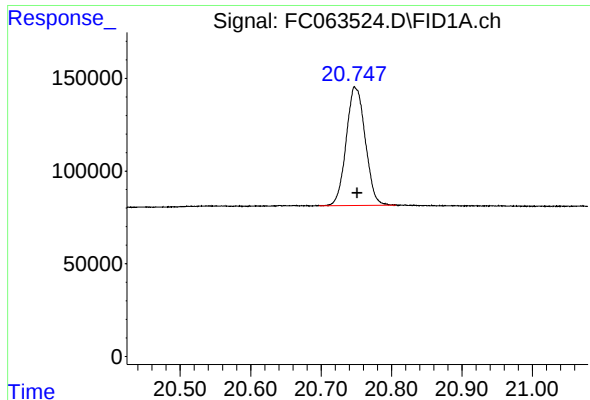
#19 n-Tetatriacontane (C34)

R.T.: 19.283 min
Delta R.T.: -0.001 min
Response: 1272432
Conc: 10.29 ug/ml



#20 n-Hexatriacontane (C36)

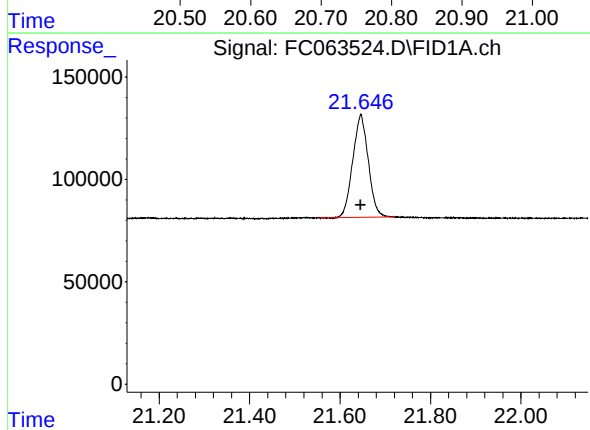
R.T.: 20.022 min
Delta R.T.: 0.000 min
Response: 1196267
Conc: 10.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: -0.004 min
Response: 1198789
Conc: 10.42 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.646 min
Delta R.T.: 0.000 min
Response: 1198064
Conc: 10.86 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063524.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 19:25
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.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	3.297	3.272	3.337	BB	153766	1341371	82.67%	4.646%
2	4.364	4.338	4.409	BB	143022	1351671	83.30%	4.682%
3	5.951	5.926	6.011	BB	126698	1344786	82.88%	4.658%
4	6.382	6.353	6.423	BB	134796	1344758	82.87%	4.658%
5	7.008	6.981	7.075	BB	109062	1262476	77.80%	4.373%
6	8.177	8.142	8.220	BB	119232	1278121	78.77%	4.427%
7	9.776	9.742	9.834	BB	118722	1353636	83.42%	4.689%
8	11.216	11.180	11.271	BB	113363	1399393	86.24%	4.847%
9	11.530	11.493	11.573	BB	147857	1622652	100.00%	5.620%
10	12.524	12.489	12.564	BB	108291	1345745	82.93%	4.661%
11	12.967	12.933	13.011	BB	88707	1086351	66.95%	3.763%
12	13.136	13.101	13.181	BB	109329	1329668	81.94%	4.605%
13	13.721	13.686	13.766	BB	103685	1317863	81.22%	4.565%
14	14.820	14.770	14.869	BB	100242	1346089	82.96%	4.662%
15	15.840	15.804	15.888	BB	104545	1322795	81.52%	4.582%
16	16.788	16.739	16.835	BB	91415	1307859	80.60%	4.530%
17	17.672	17.624	17.722	BB	93801	1335063	82.28%	4.624%
18	18.503	18.456	18.553	BB	96285	1315532	81.07%	4.557%
19	19.283	19.236	19.335	BB	85382	1272432	78.42%	4.407%
20	20.022	19.976	20.071	BB	84438	1196267	73.72%	4.143%
21	20.748	20.697	20.806	BB	63805	1198789	73.88%	4.152%
22	21.646	21.553	21.723	BB	50386	1198064	73.83%	4.150%
Sum of corrected areas:							28871380	

Aliphatic EPH 050223.M Wed May 03 02:39:54 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063525.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 20:03
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 03 00:32:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:32:07 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)	11.529	817736	5.167 ug/ml
Spiked Amount 50.000		Recovery =	10.33%
12) S 1-chlorooctadecane (S...	12.967	530153	4.909 ug/ml
Spiked Amount 50.000		Recovery =	9.82%
Target Compounds			
1) T n-Nonane (C9)	3.298	665720	5.053 ug/ml
2) T n-Decane (C10)	4.365	660303	4.977 ug/ml
3) T A~Naphthalene (C11.7)	5.952	626200	4.593 ug/ml
4) T n-Dodecane (C12)	6.382	662492	4.999 ug/ml
5) T A~2-methylnaphthalene...	7.009	551074	4.301 ug/ml
6) T n-Tetradecane (C14)	8.176	621167	4.839 ug/ml
7) T n-Hexadecane (C16)	9.775	652157	4.911 ug/ml
8) T n-Octadecane (C18)	11.216	682048	5.009 ug/ml
10) T n-Eicosane (C20)	12.524	674322	5.129 ug/ml
11) T n-Heneicosane (C21)	13.134	660308	5.097 ug/ml
13) T n-Docosane (C22)	13.720	660765	5.121 ug/ml
14) T n-Tetracosane (C24)	14.819	676418	5.172 ug/ml
15) T n-Hexacosane (C26)	15.839	660727	5.128 ug/ml
16) T n-Octacosane (C28)	16.787	655152	5.147 ug/ml
17) T n-Tricontane (C30)	17.672	680662	5.231 ug/ml
18) T n-Dotriacontane (C32)	18.502	686907	5.331 ug/ml
19) T n-Tetratriacontane (C34)	19.283	660045	5.267 ug/ml
20) T n-Hexatriacontane (C36)	20.020	617224	5.213 ug/ml
21) T n-Octatriacontane (C38)	20.748	621087	5.315 ug/ml
22) T n-Tetracontane (C40)	21.647	629361	5.550 ug/ml

(f)=RT Delta > 1/2 Window

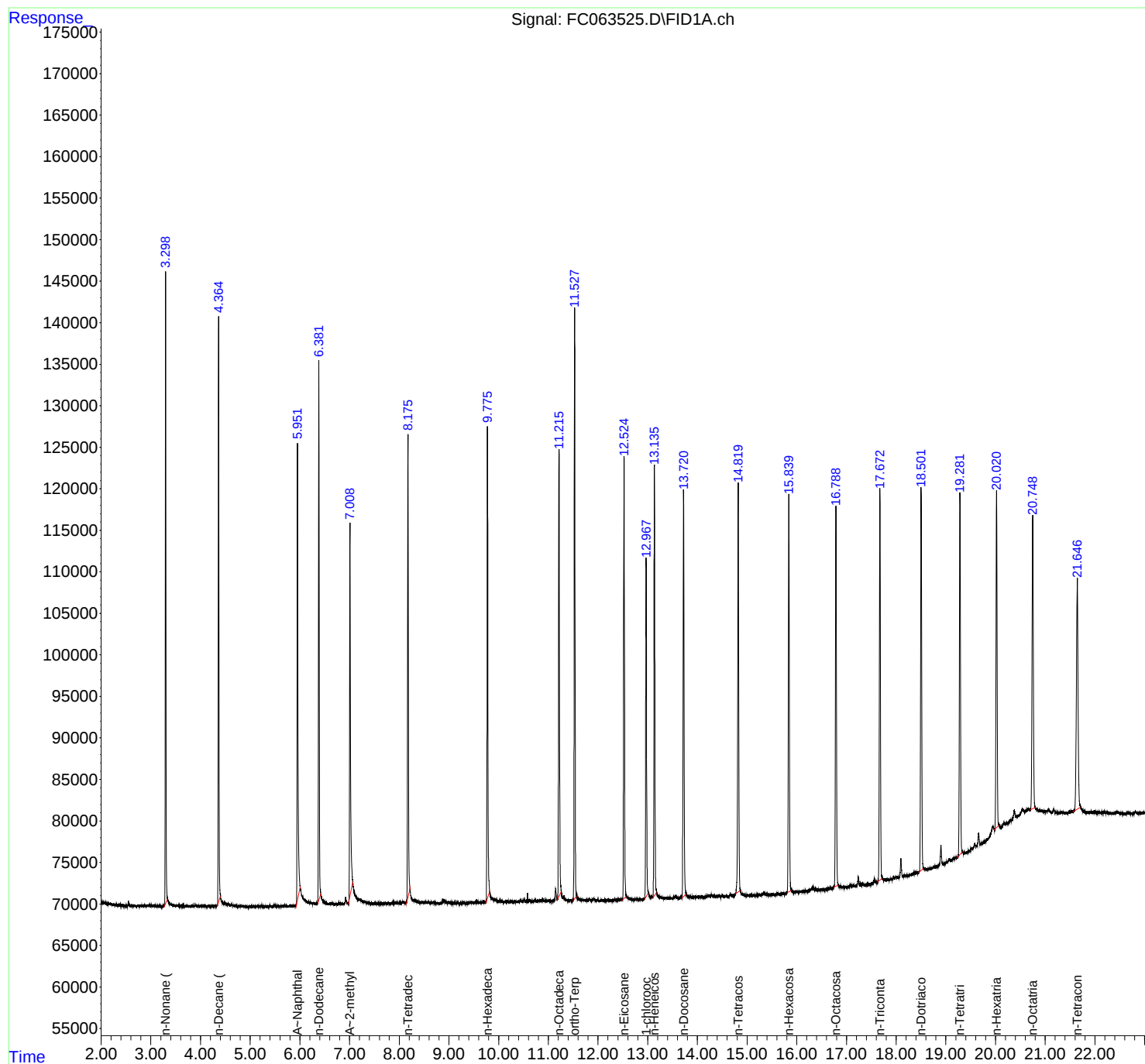
(m)=manual int.

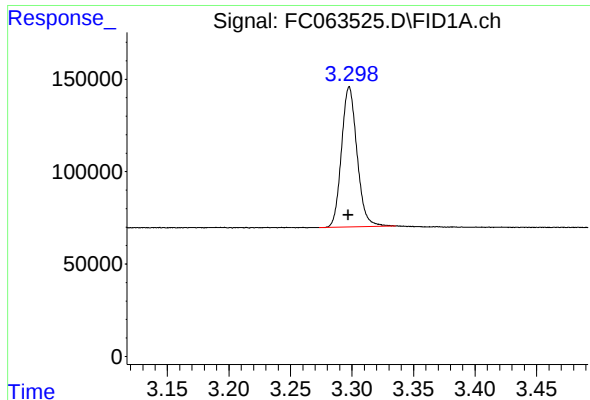
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
Data File : FC063525.D
Signal(s) : FID1A.ch
Acq On : 02 May 2023 20:03
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: May 03 00:32:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
Quant Title : GC Extractables
QLast Update : Wed May 03 00:32:07 2023
Response via : Initial Calibration
Integrator: ChemStation

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

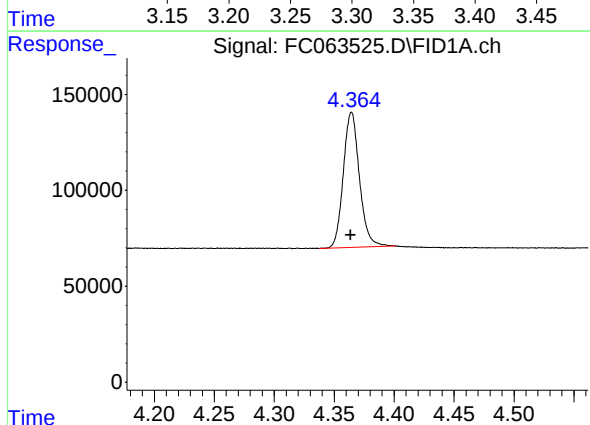




#1 n-Nonane (C9)

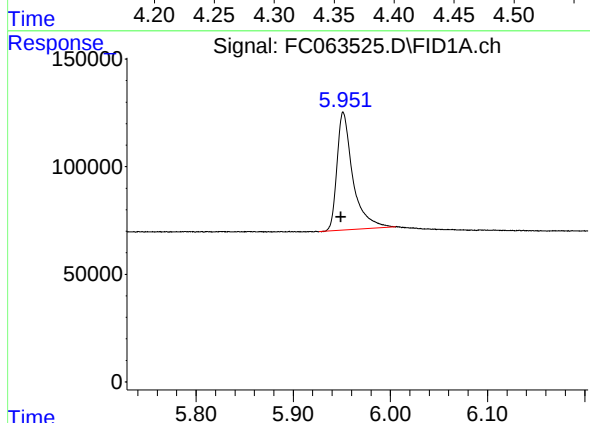
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 665720
Conc: 5.05 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



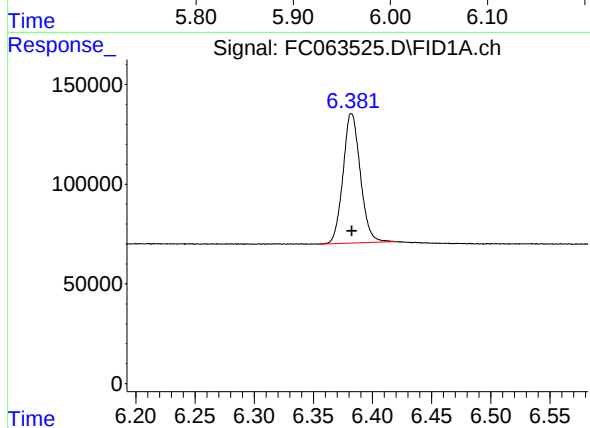
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 660303
Conc: 4.98 ug/ml



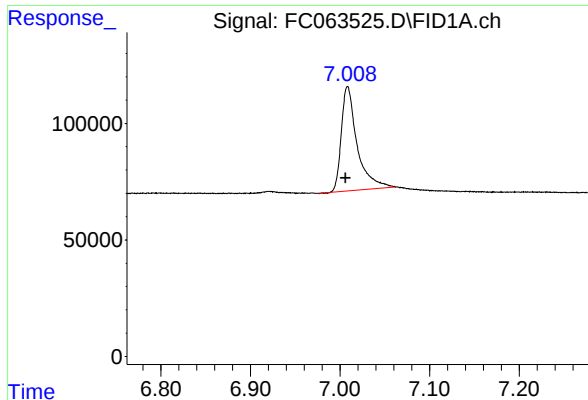
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 626200
Conc: 4.59 ug/ml



#4 n-Dodecane (C12)

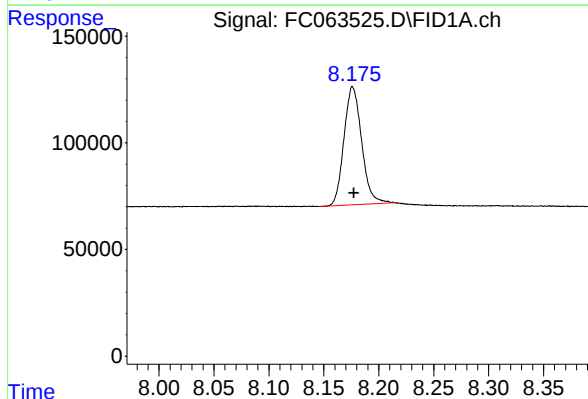
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 662492
Conc: 5.00 ug/ml



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

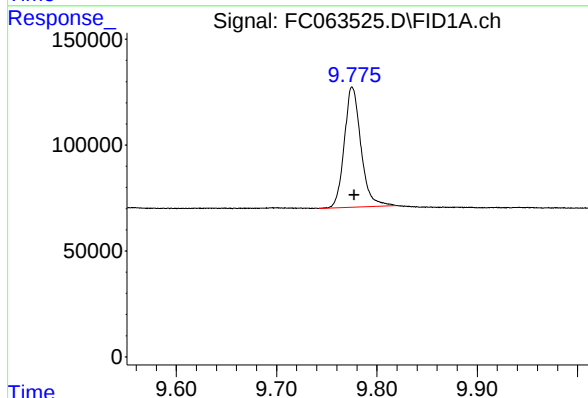
R.T.: 7.009 min
Delta R.T.: 0.002 min
Response: 551074
Conc: 4.30 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



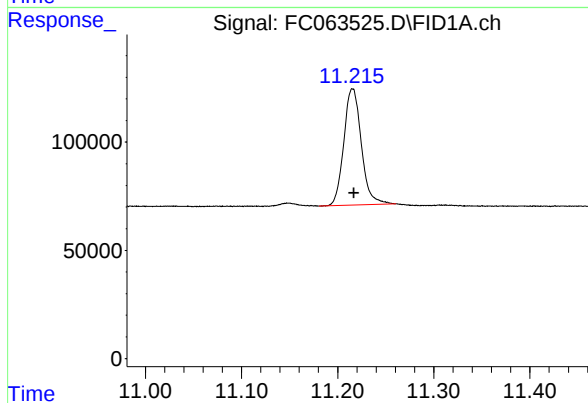
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.001 min
Response: 621167
Conc: 4.84 ug/ml



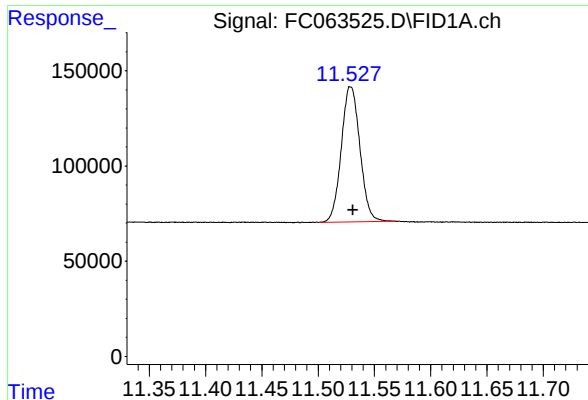
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.002 min
Response: 652157
Conc: 4.91 ug/ml



#8 n-Octadecane (C18)

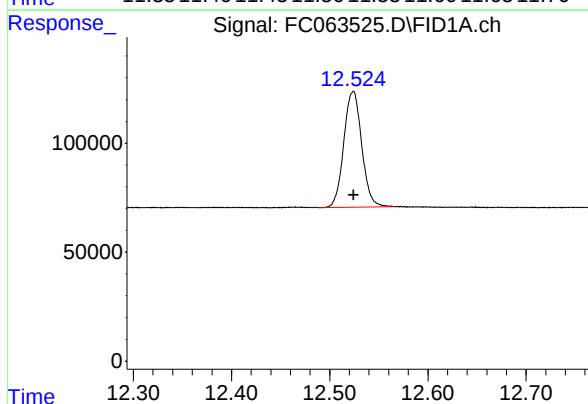
R.T.: 11.216 min
Delta R.T.: -0.002 min
Response: 682048
Conc: 5.01 ug/ml



#9 ortho-Terphenyl (SURR)

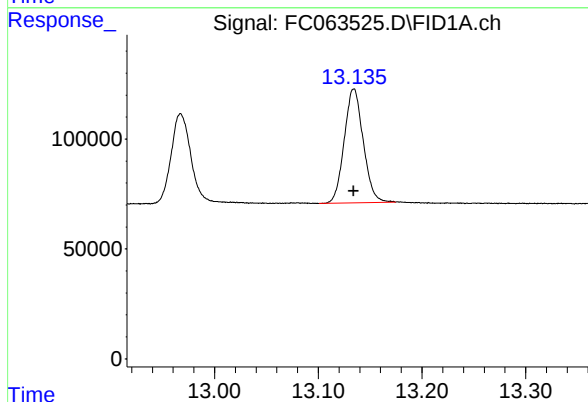
R.T.: 11.529 min
Delta R.T.: -0.002 min
Response: 817736
Conc: 5.17 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



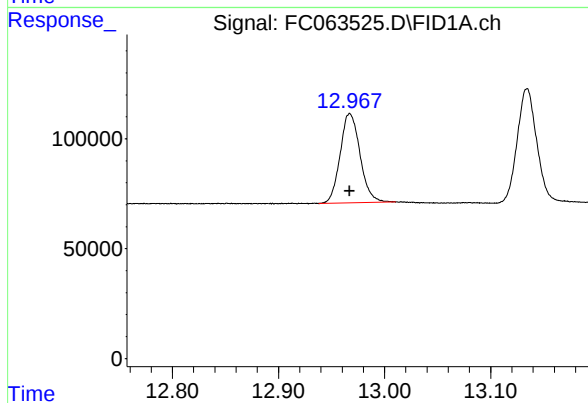
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.000 min
Response: 674322
Conc: 5.13 ug/ml



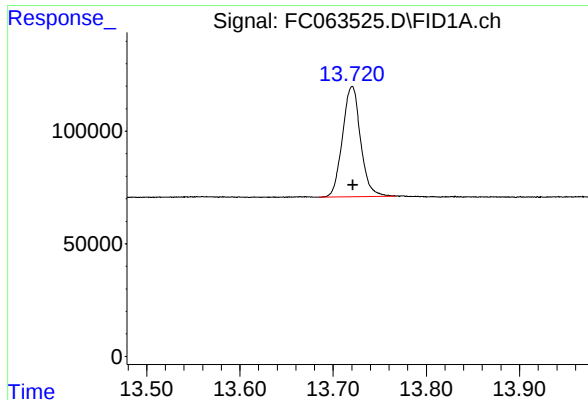
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.000 min
Response: 660308
Conc: 5.10 ug/ml



#12 1-chlorooctadecane (SURR)

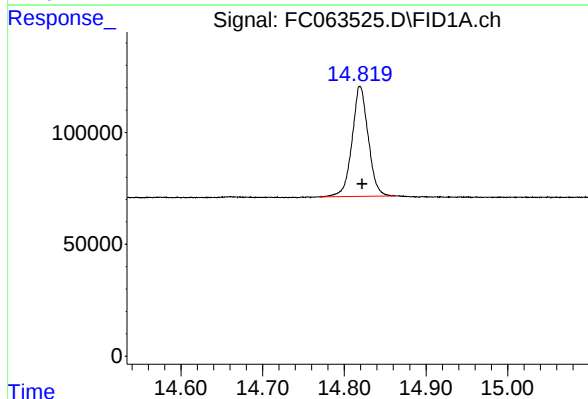
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 530153
Conc: 4.91 ug/ml



#13 n-Docosane (C22)

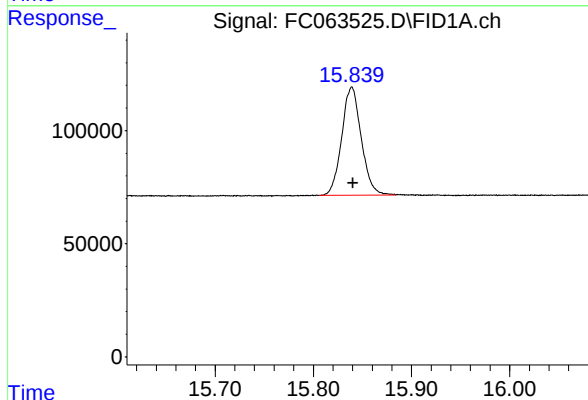
R.T.: 13.720 min
Delta R.T.: 0.000 min
Response: 660765
Conc: 5.12 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



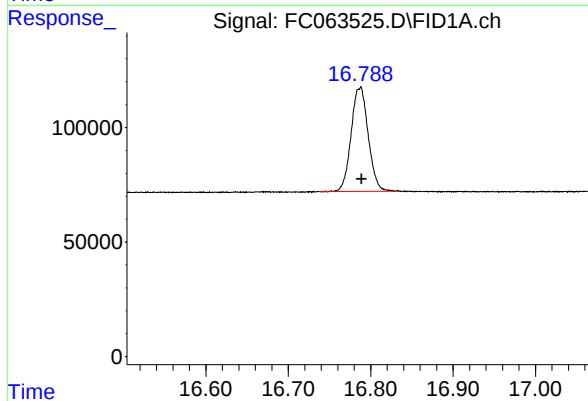
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.003 min
Response: 676418
Conc: 5.17 ug/ml



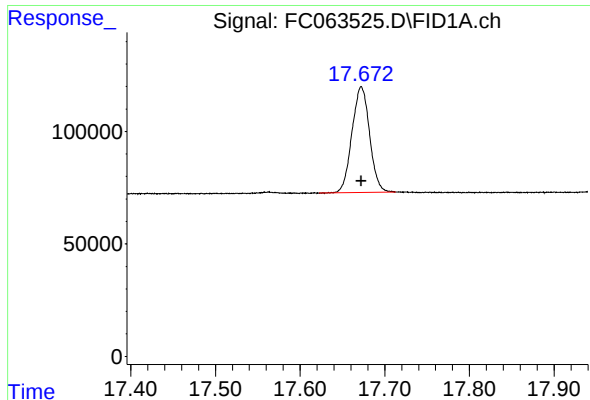
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: -0.001 min
Response: 660727
Conc: 5.13 ug/ml



#16 n-Octacosane (C28)

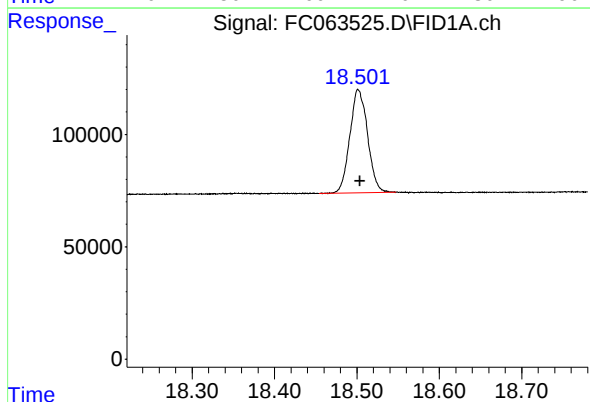
R.T.: 16.787 min
Delta R.T.: -0.001 min
Response: 655152
Conc: 5.15 ug/ml



#17 n-Tricontane (C30)

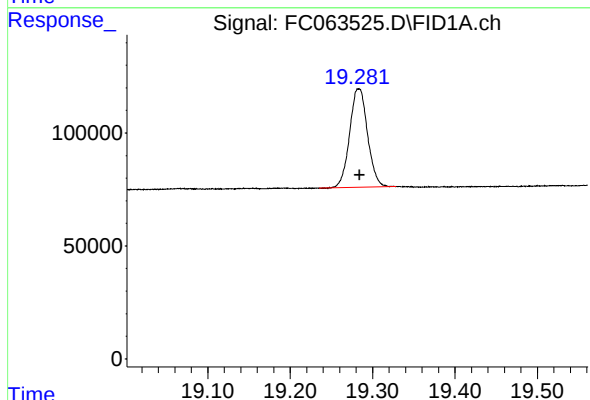
R.T.: 17.672 min
Delta R.T.: 0.000 min
Response: 680662
Conc: 5.23 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



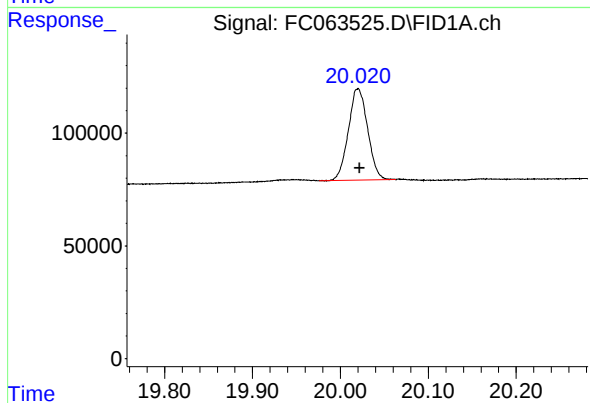
#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: -0.002 min
Response: 686907
Conc: 5.33 ug/ml



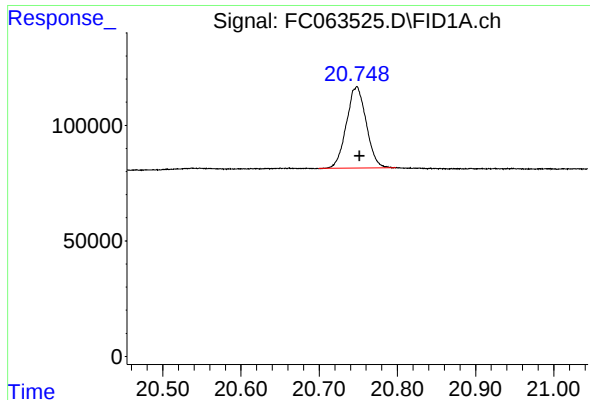
#19 n-Tetatriacontane (C34)

R.T.: 19.283 min
Delta R.T.: -0.001 min
Response: 660045
Conc: 5.27 ug/ml



#20 n-Hexatriacontane (C36)

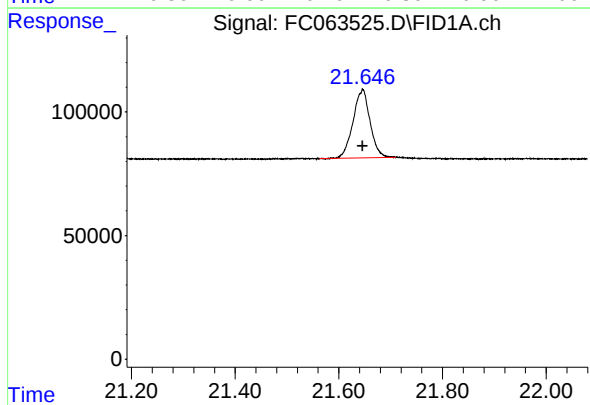
R.T.: 20.020 min
Delta R.T.: -0.002 min
Response: 617224
Conc: 5.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: -0.004 min
Response: 621087
Conc: 5.32 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.647 min
Delta R.T.: 0.000 min
Response: 629361
Conc: 5.55 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063525.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 20:03
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.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	3.298	3.273	3.336	BB	76140	665720	81.41%	4.639%
2	4.365	4.337	4.401	BB	70617	660303	80.75%	4.601%
3	5.952	5.926	6.006	BB	54879	626200	76.58%	4.363%
4	6.382	6.355	6.420	BB	64798	662492	81.02%	4.616%
5	7.009	6.976	7.062	BB	44870	551074	67.39%	3.840%
6	8.176	8.146	8.216	BB	55389	621167	75.96%	4.328%
7	9.775	9.742	9.819	BB	56709	652157	79.75%	4.544%
8	11.216	11.181	11.261	BB	53633	682048	83.41%	4.752%
9	11.529	11.501	11.569	BB	70853	817736	100.00%	5.698%
10	12.524	12.489	12.567	BB	53177	674322	82.46%	4.698%
11	12.967	12.938	13.011	BB	40868	530153	64.83%	3.694%
12	13.134	13.101	13.175	BB	51792	660308	80.75%	4.601%
13	13.720	13.685	13.767	BB	49053	660765	80.80%	4.604%
14	14.819	14.769	14.863	BB	49134	676418	82.72%	4.713%
15	15.839	15.806	15.884	BB	47844	660727	80.80%	4.604%
16	16.787	16.737	16.831	BB	45289	655152	80.12%	4.565%
17	17.672	17.622	17.713	BB	47092	680662	83.24%	4.743%
18	18.502	18.454	18.547	BB	45940	686907	84.00%	4.786%
19	19.283	19.235	19.328	BB	43523	660045	80.72%	4.599%
20	20.020	19.976	20.063	BB	40537	617224	75.48%	4.301%
21	20.748	20.700	20.798	BB	35353	621087	75.95%	4.328%
22	21.647	21.562	21.710	BB	27647	629361	76.96%	4.385%
Sum of corrected areas:							14352029	

Aliphatic EPH 050223.M Wed May 03 02:40:22 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063526.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 21:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 03 01:11:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:33:18 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)	11.529	3184771	20.124 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	12.967	2169712	20.090 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.297	2663448	20.215 ug/ml
2) T n-Decane (C10)	4.364	2690602	20.278 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2793888	20.493 ug/ml
4) T n-Dodecane (C12)	6.382	2686468	20.273 ug/ml
5) T A~2-methylnaphthalene...	7.006	2643417	20.633 ug/ml
6) T n-Tetradecane (C14)	8.177	2634906	20.525 ug/ml
7) T n-Hexadecane (C16)	9.777	2704189	20.366 ug/ml
8) T n-Octadecane (C18)	11.217	2765834	20.312 ug/ml
10) T n-Eicosane (C20)	12.524	2653899	20.188 ug/ml
11) T n-Heneicosane (C21)	13.135	2615731	20.193 ug/ml
13) T n-Docosane (C22)	13.722	2604517	20.186 ug/ml
14) T n-Tetracosane (C24)	14.822	2635649	20.152 ug/ml
15) T n-Hexacosane (C26)	15.839	2596157	20.149 ug/ml
16) T n-Octacosane (C28)	16.787	2557319	20.090 ug/ml
17) T n-Tricontane (C30)	17.672	2600397	19.984 ug/ml
18) T n-Dotriacontane (C32)	18.503	2547646	19.771 ug/ml
19) T n-Tetratriacontane (C34)	19.285	2455101	19.591 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2296515	19.395 ug/ml
21) T n-Octatriacontane (C38)	20.750	2129266	18.221 ug/ml
22) T n-Tetracontane (C40)	21.647	1883354	16.609 ug/ml

(f)=RT Delta > 1/2 Window

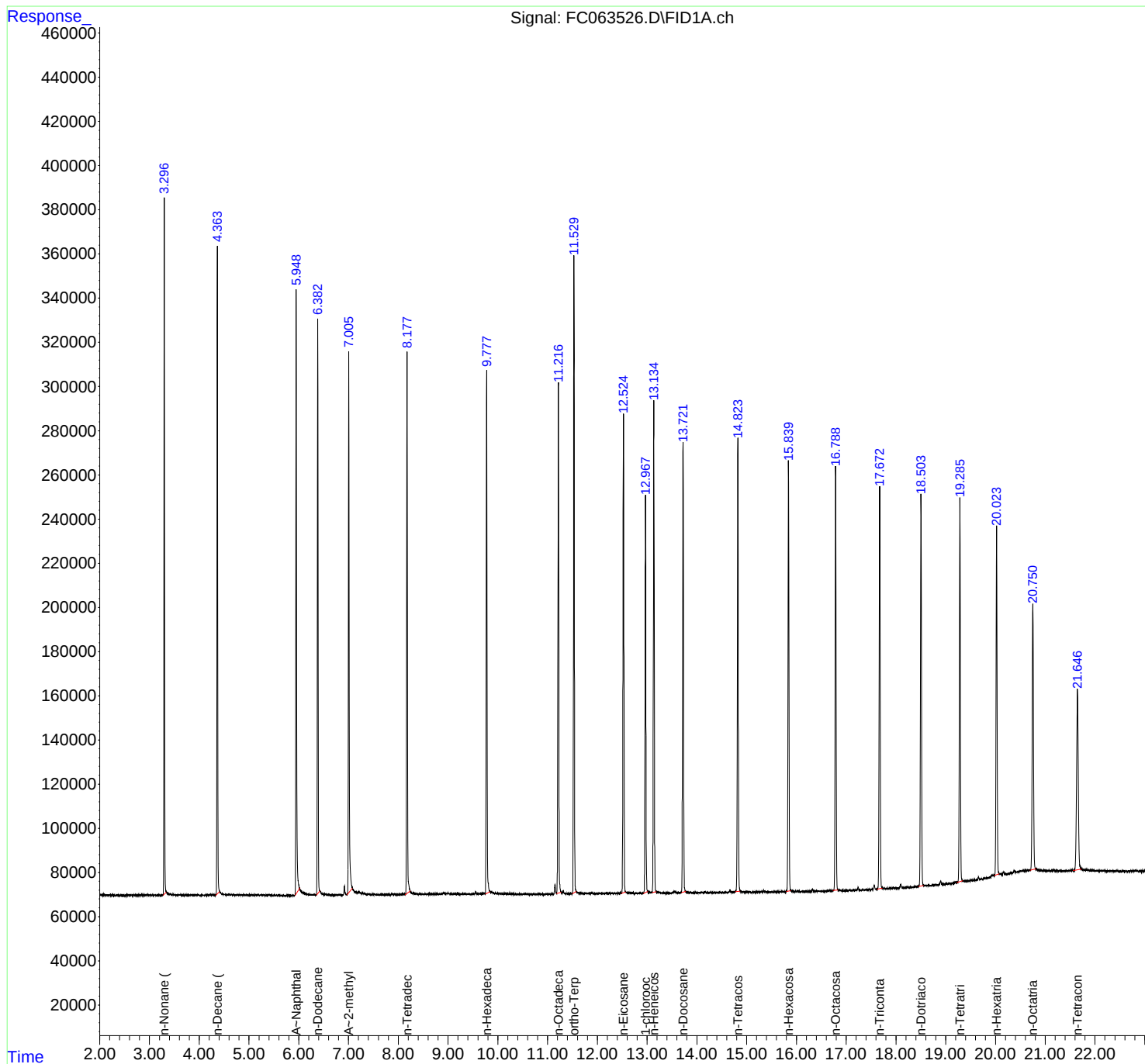
(m)=manual int.

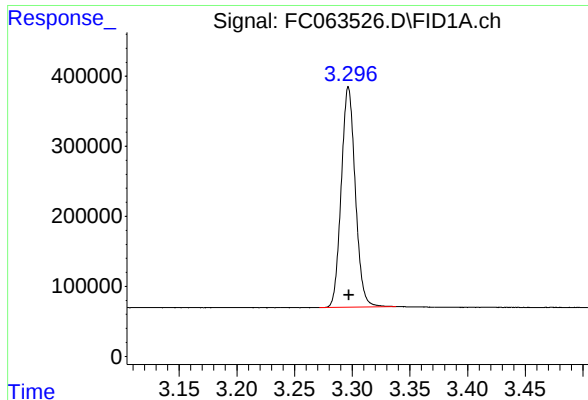
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
Data File : FC063526.D
Signal(s) : FID1A.ch
Acq On : 02 May 2023 21:59
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: May 03 01:11:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
Quant Title : GC Extractables
QLast Update : Wed May 03 00:33:18 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)

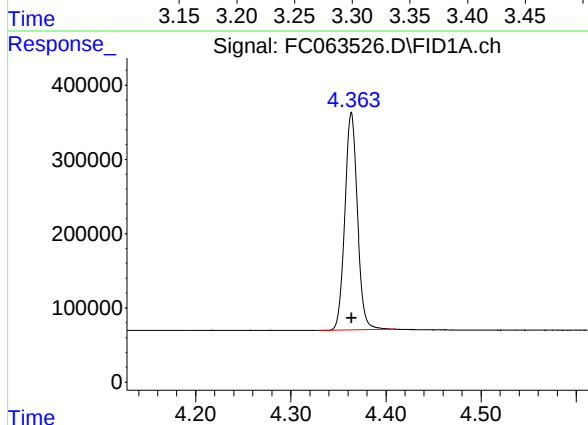
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 2663448
Conc: 20.21 ug/ml

Instrument :

FID_C

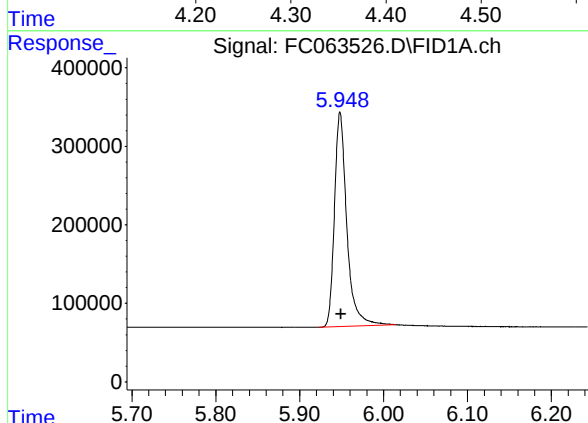
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



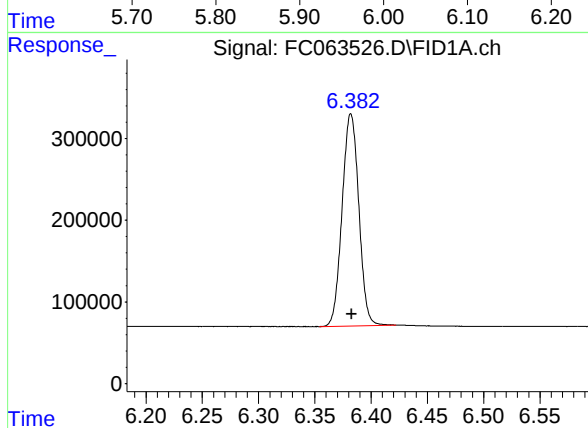
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 2690602
Conc: 20.28 ug/ml



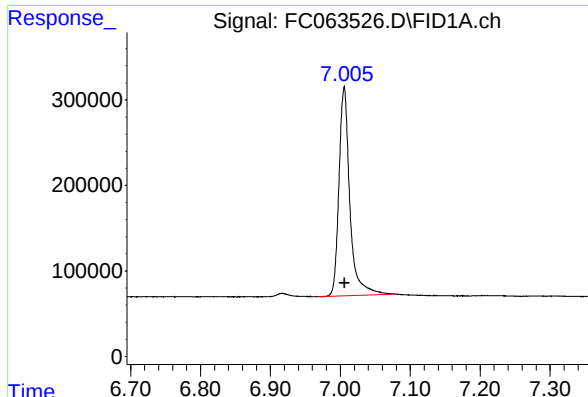
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 2793888
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 2686468
Conc: 20.27 ug/ml



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

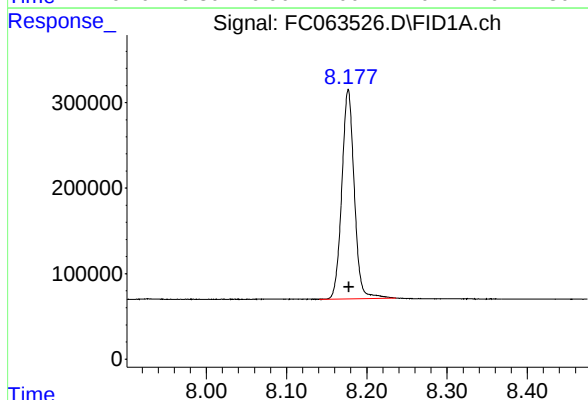
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2643417
Conc: 20.63 ug/ml

Instrument :

FID_C

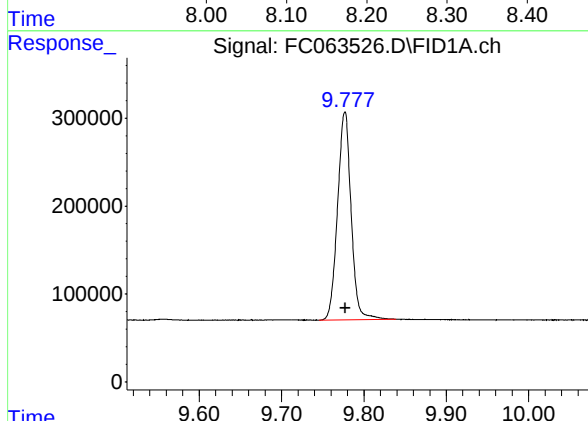
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



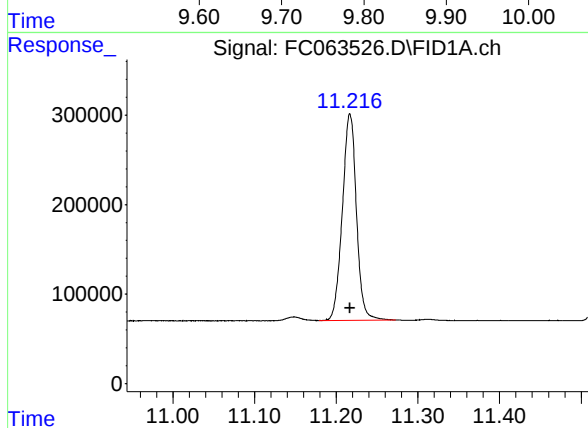
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2634906
Conc: 20.53 ug/ml



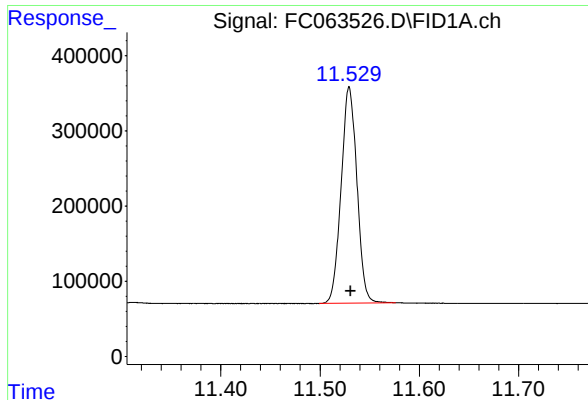
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 2704189
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: 0.000 min
Response: 2765834
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

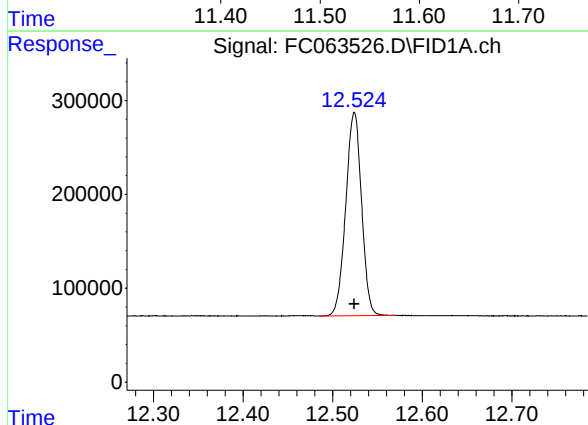
R.T.: 11.529 min
Delta R.T.: -0.002 min
Response: 3184771
Conc: 20.12 ug/ml

Instrument :

FID_C

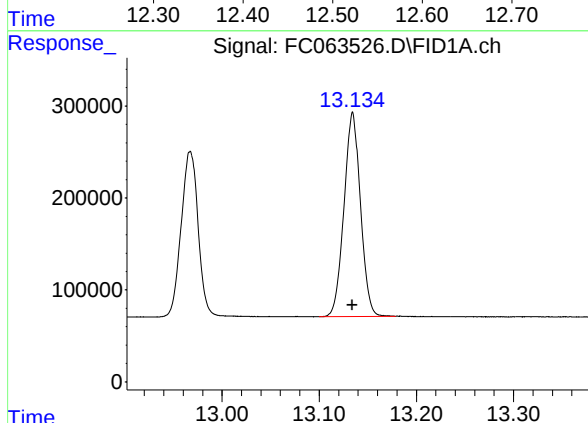
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



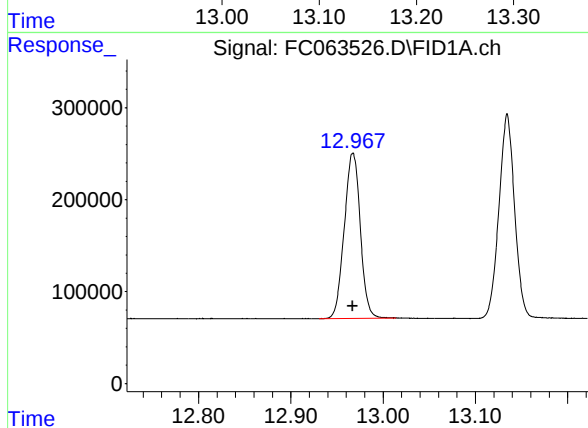
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.000 min
Response: 2653899
Conc: 20.19 ug/ml



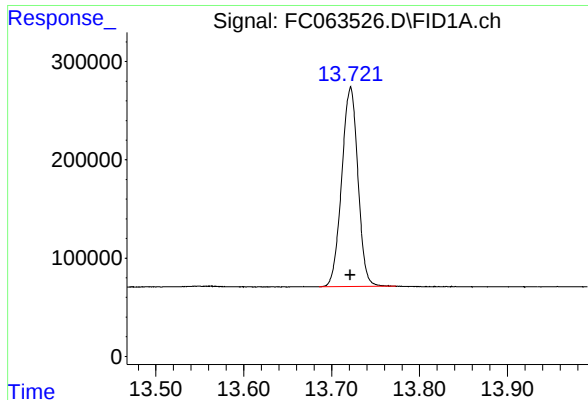
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.000 min
Response: 2615731
Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 2169712
Conc: 20.09 ug/ml



#13 n-Docosane (C22)

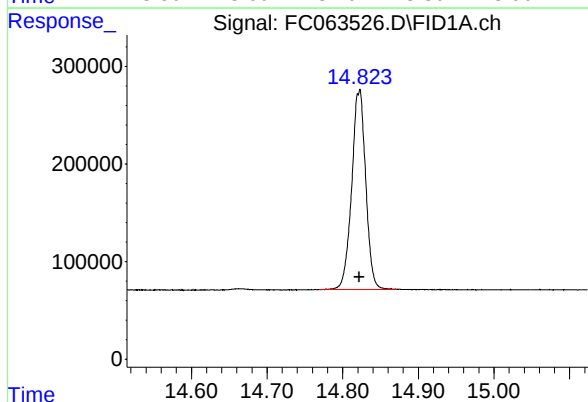
R.T.: 13.722 min
Delta R.T.: 0.000 min
Response: 2604517
Conc: 20.19 ug/ml

Instrument :

FID_C

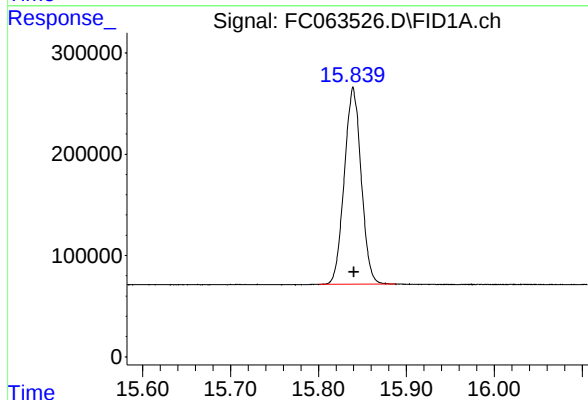
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



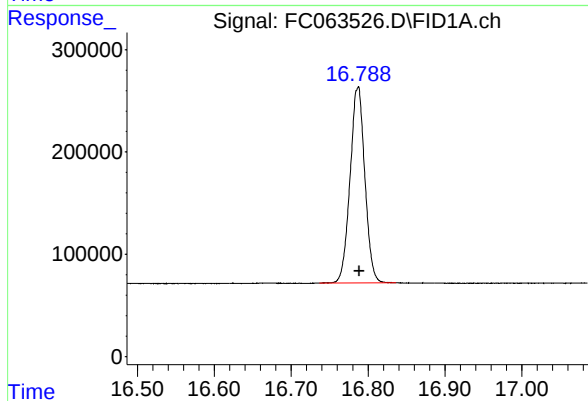
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.000 min
Response: 2635649
Conc: 20.15 ug/ml



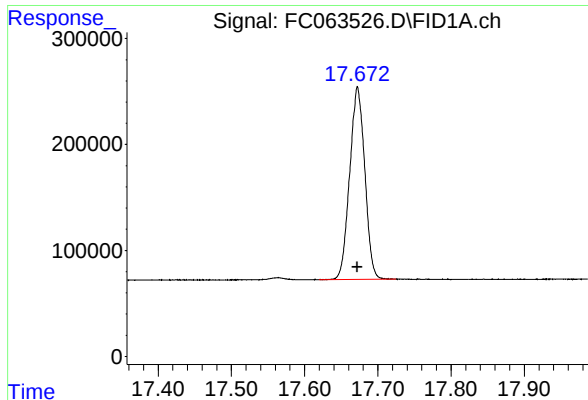
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: 0.000 min
Response: 2596157
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.787 min
Delta R.T.: -0.002 min
Response: 2557319
Conc: 20.09 ug/ml



#17 n-Tricontane (C30)

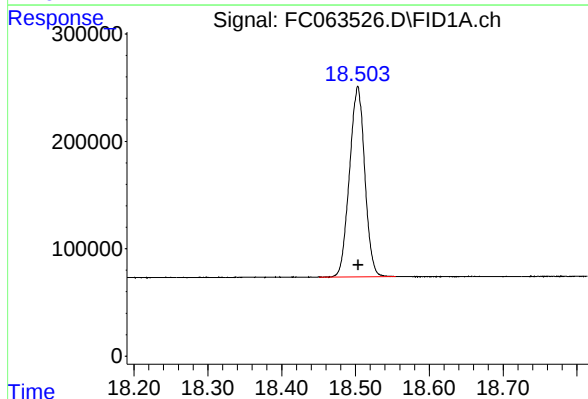
R.T.: 17.672 min
Delta R.T.: 0.000 min
Response: 2600397
Conc: 19.98 ug/ml

Instrument :

FID_C

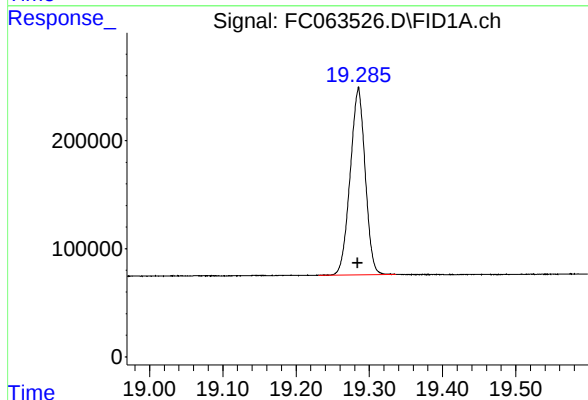
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



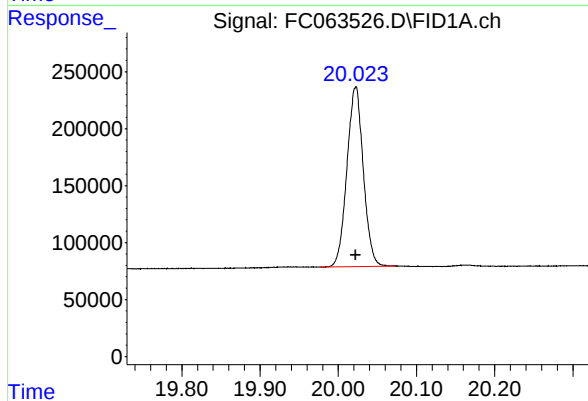
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.000 min
Response: 2547646
Conc: 19.77 ug/ml



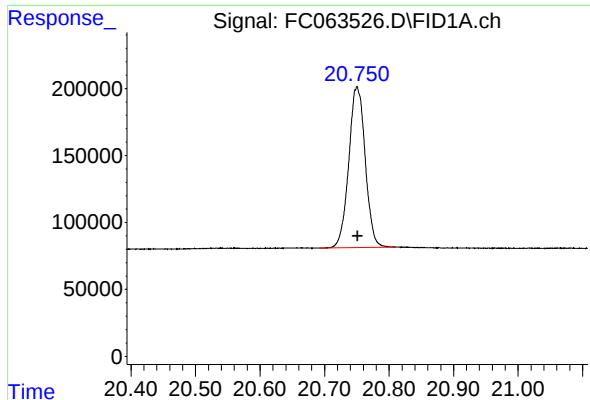
#19 n-Tetatriacontane (C34)

R.T.: 19.285 min
Delta R.T.: 0.000 min
Response: 2455101
Conc: 19.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.022 min
Delta R.T.: 0.000 min
Response: 2296515
Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

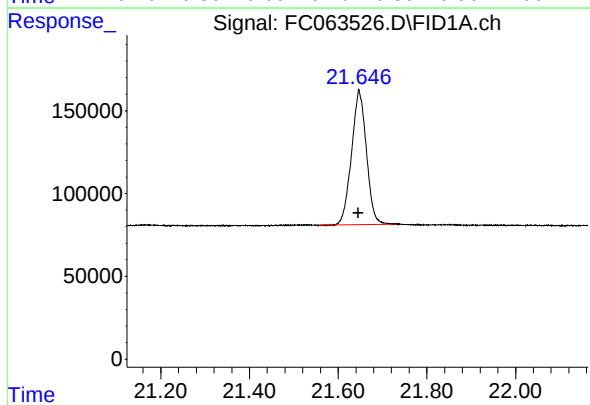
R.T.: 20.750 min
Delta R.T.: -0.002 min
Response: 2129266
Conc: 18.22 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.647 min
Delta R.T.: 0.001 min
Response: 1883354
Conc: 16.61 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063526.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 21:59
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.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	3.297	3.271	3.338	BB	314514	2663448	83.63%	4.713%
2	4.364	4.330	4.411	BB	293466	2690602	84.48%	4.761%
3	5.948	5.923	6.015	BB	273220	2793888	87.73%	4.944%
4	6.382	6.354	6.422	BB	260106	2686468	84.35%	4.754%
5	7.006	6.970	7.080	BB	244620	2643417	83.00%	4.678%
6	8.177	8.141	8.236	BB	245184	2634906	82.73%	4.662%
7	9.777	9.746	9.839	BB	236458	2704189	84.91%	4.785%
8	11.217	11.179	11.273	BB	230516	2765834	86.85%	4.894%
9	11.529	11.499	11.576	BB	288336	3184771	100.00%	5.635%
10	12.524	12.485	12.571	BB	216806	2653899	83.33%	4.696%
11	12.967	12.931	13.014	BB	179608	2169712	68.13%	3.839%
12	13.135	13.100	13.179	BB	222721	2615731	82.13%	4.629%
13	13.722	13.686	13.773	BB	203261	2604517	81.78%	4.609%
14	14.822	14.769	14.871	BB	203693	2635649	82.76%	4.664%
15	15.839	15.801	15.888	BB	194458	2596157	81.52%	4.594%
16	16.787	16.736	16.836	BB	191400	2557319	80.30%	4.525%
17	17.672	17.620	17.725	BB	181954	2600397	81.65%	4.601%
18	18.503	18.451	18.555	BB	177633	2547646	79.99%	4.508%
19	19.285	19.231	19.336	BB	173991	2455101	77.09%	4.344%
20	20.022	19.976	20.074	BB	157438	2296515	72.11%	4.064%
21	20.750	20.691	20.811	BB	120151	2129266	66.86%	3.768%
22	21.647	21.557	21.730	BB	81680	1883354	59.14%	3.333%
Sum of corrected areas:							56512783	

Aliphatic EPH 050223.M Wed May 03 02:40:45 2023