



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Lab Sample ID:	10 PPM ALIPHATIC HC 9	Acq On:	02 May 2023 19:25
Client Sample ID:		Operator:	YP/AJ
Data file:	FC063524.D	Misc:	
Instrument:	FID_C	ALS Vial:	9
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.197	6.483	4037800.000	30.000	ug/ml
Aliphatic C12-C16	6.484	9.877	2631757.000	20.000	ug/ml
Aliphatic C16-C21	9.878	13.235	4074806.000	30.000	ug/ml
Aliphatic C21-C28	13.236	16.888	5294606.000	40.000	ug/ml
Aliphatic C28-C40	16.889	21.746	7516147.000	60.000	ug/ml
Aliphatic EPH	3.197		23555116.000	180.000	ug/ml

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

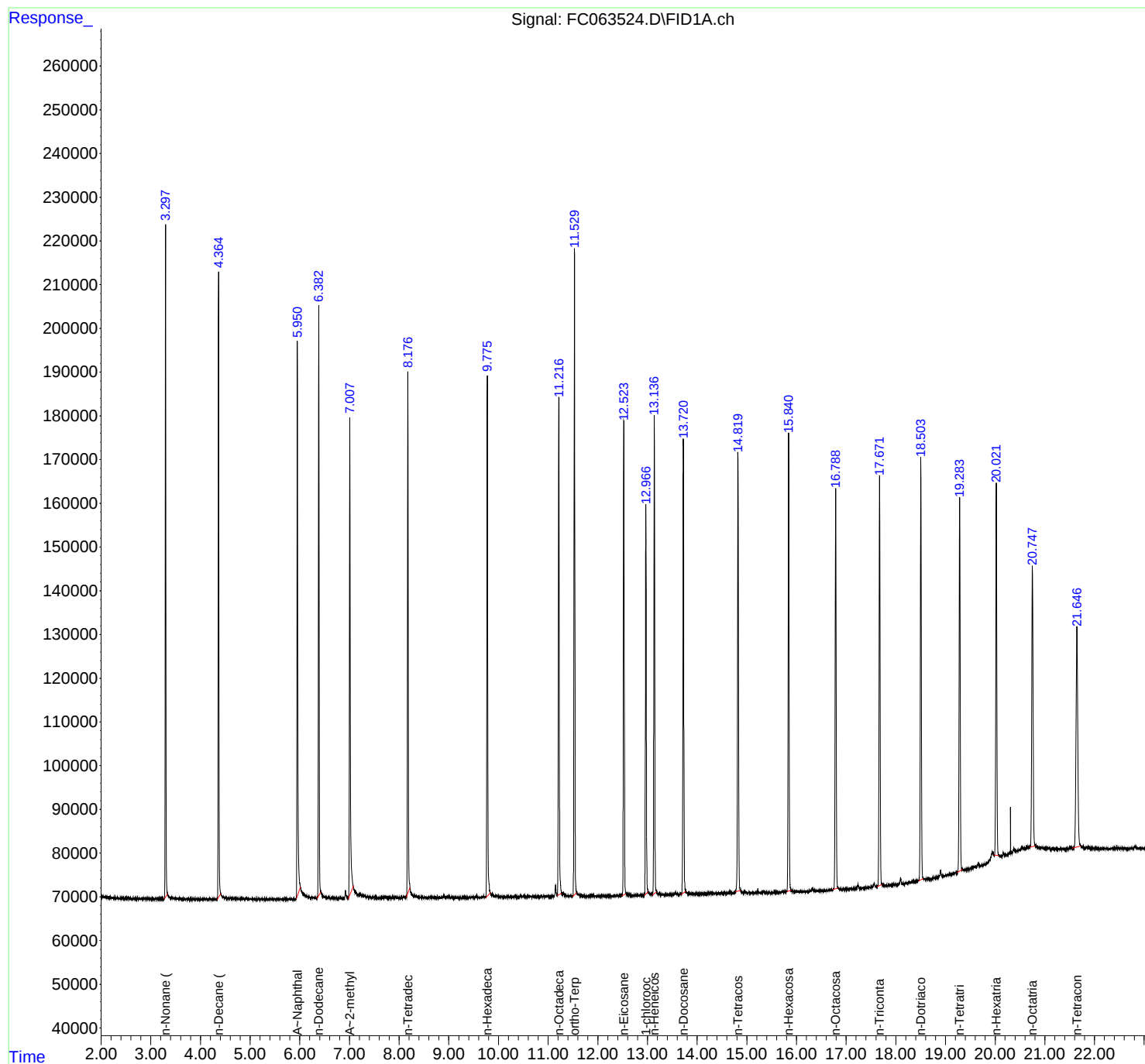
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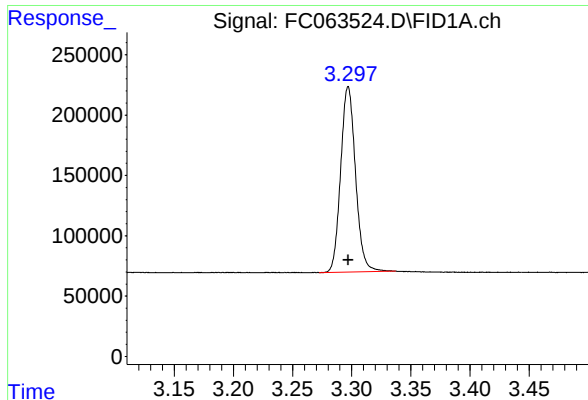
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
Data File : FC063524.D
Signal(s) : FID1A.ch
Acq On : 02 May 2023 19:25
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

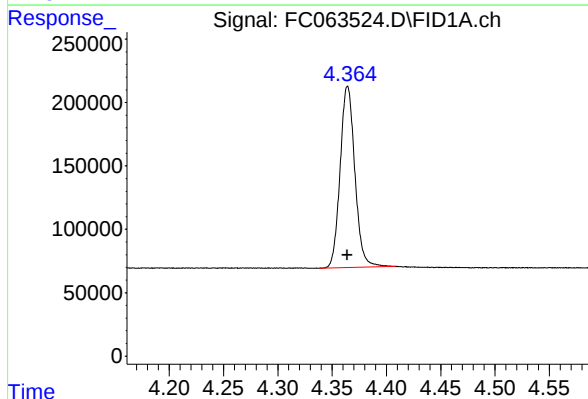




#1 n-Nonane (C9)

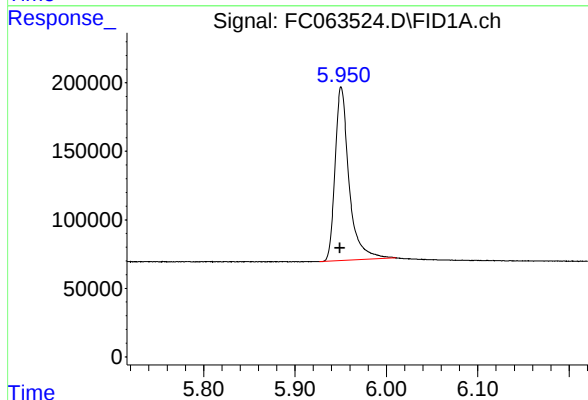
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 1341371
Conc: 10.21 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



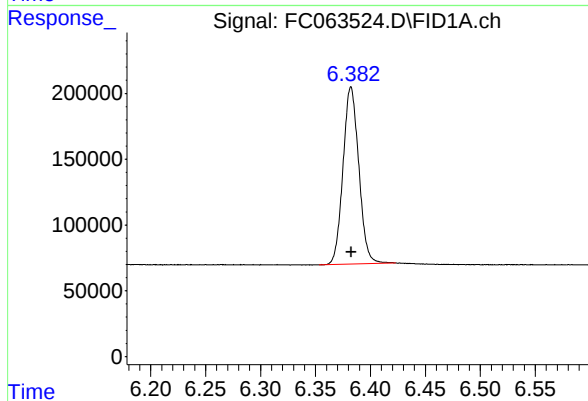
#2 n-Decane (C10)

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



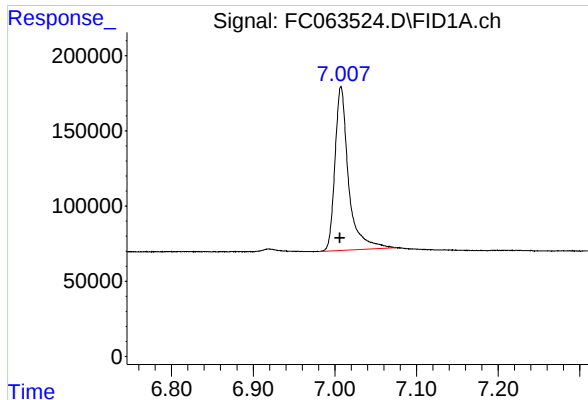
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

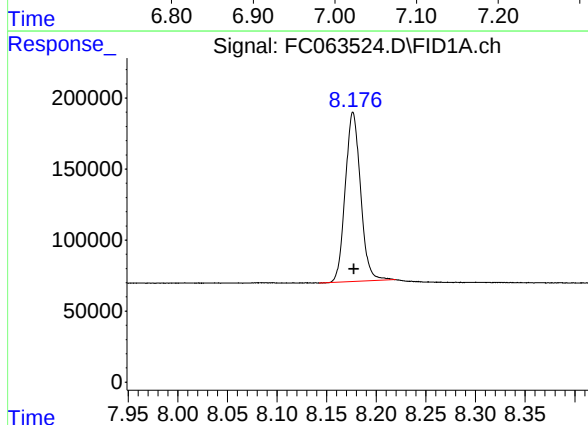
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 1344758
Conc: 10.15 ug/ml



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

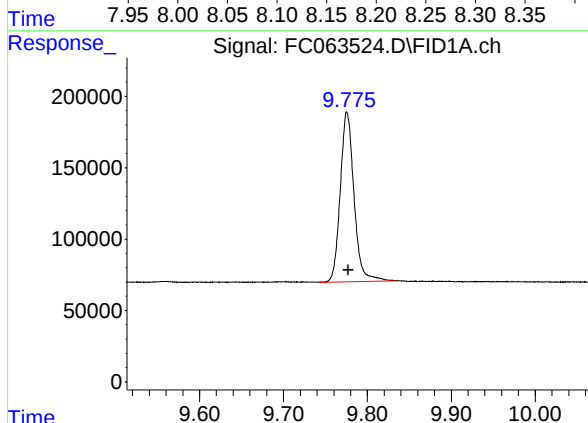
R.T.: 7.008 min
Delta R.T.: 0.001 min
Response: 1262476
Conc: 9.52 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



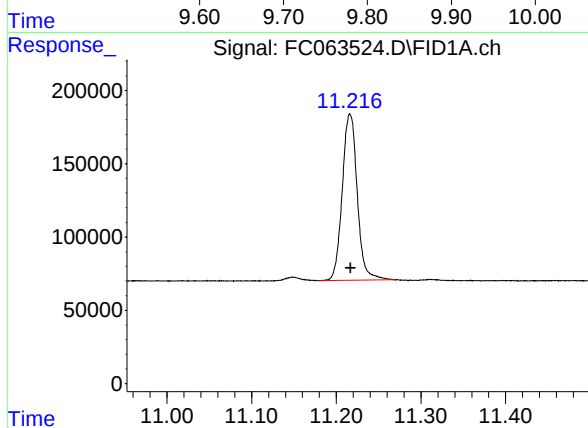
#6 n-Tetradecane (C14)

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



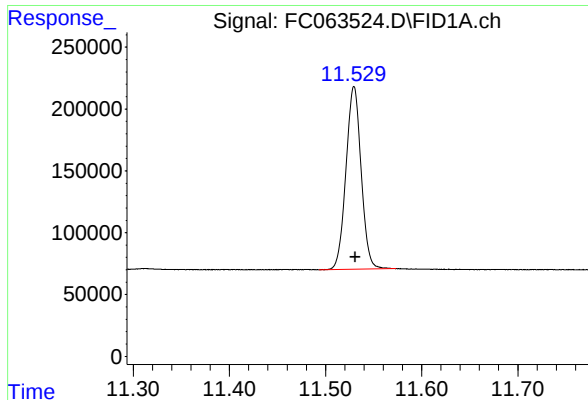
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

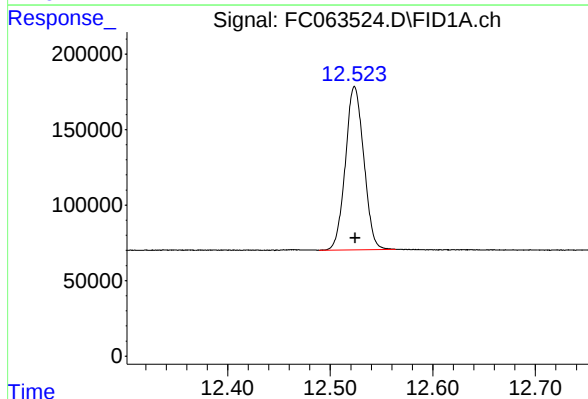
R.T.: 11.216 min
Delta R.T.: 0.000 min
Response: 1399393
Conc: 10.28 ug/ml



#9 ortho-Terphenyl (SURR)

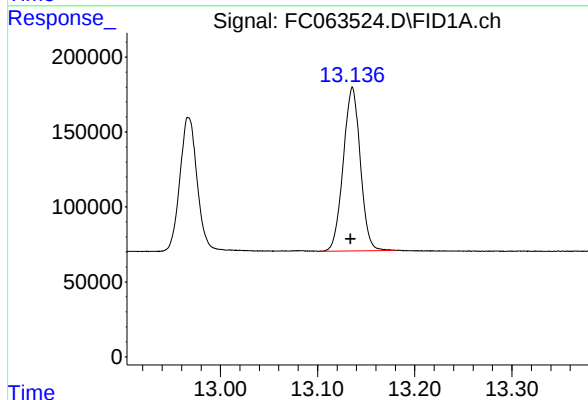
R.T.: 11.530 min
Delta R.T.: -0.001 min
Response: 1622652
Conc: 10.34 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



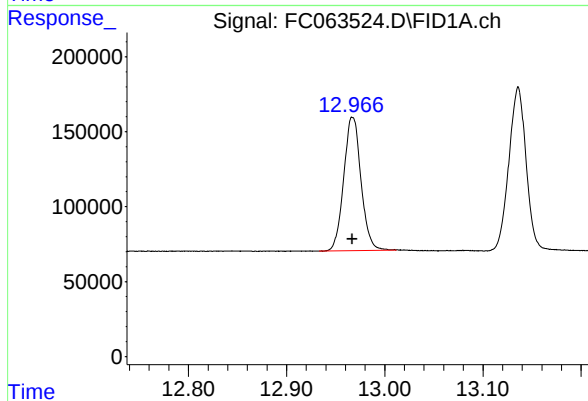
#10 n-Eicosane (C20)

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



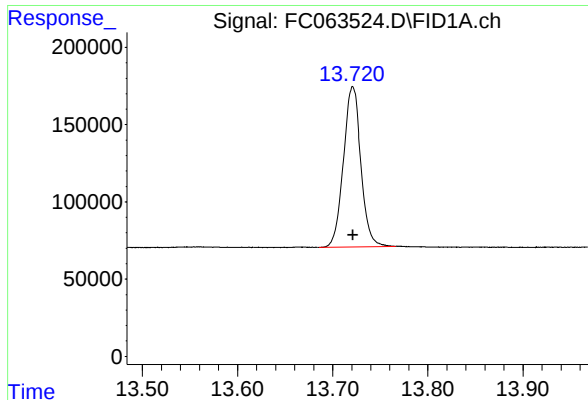
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

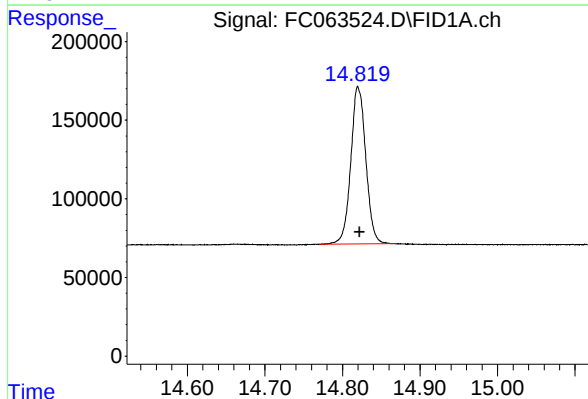
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 1086351
Conc: 10.01 ug/ml



#13 n-Docosane (C22)

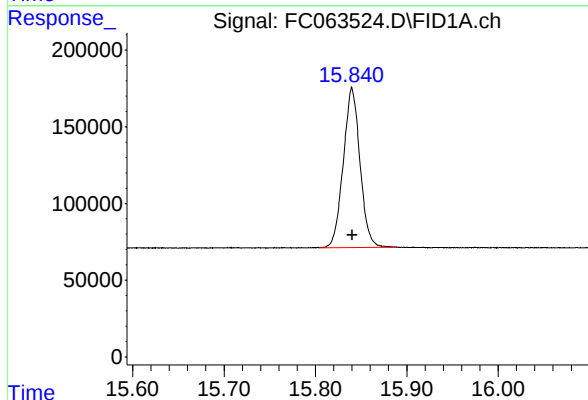
R.T.: 13.721 min
Delta R.T.: 0.000 min
Response: 1317863
Conc: 10.28 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



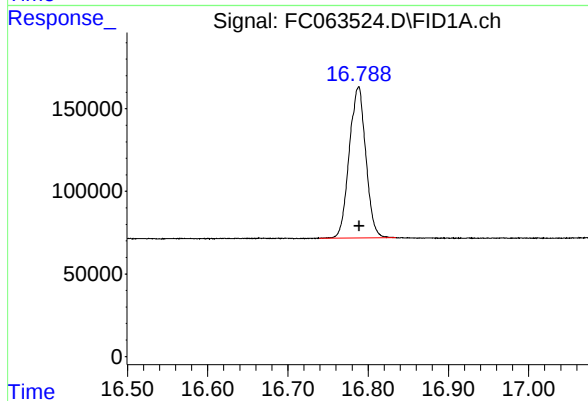
#14 n-Tetracosane (C24)

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



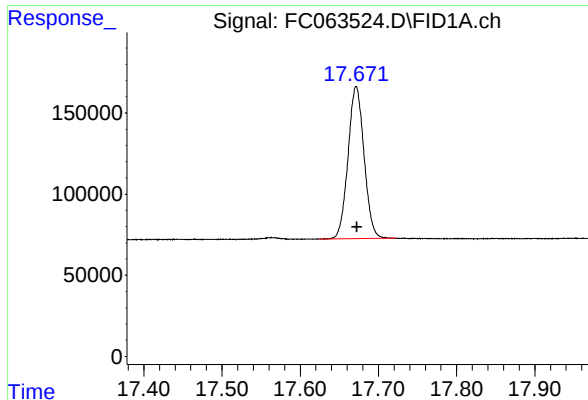
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

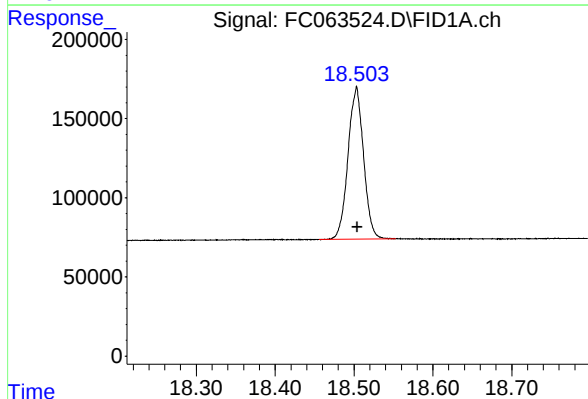
R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 1307859
Conc: 10.35 ug/ml



#17 n-Tricontane (C30)

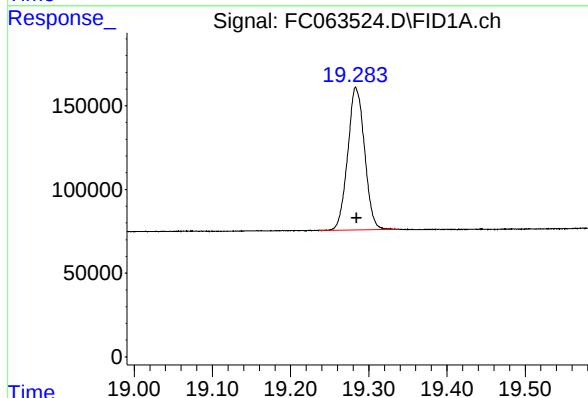
R.T.: 17.672 min
Delta R.T.: 0.000 min
Response: 1335063
Conc: 10.38 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



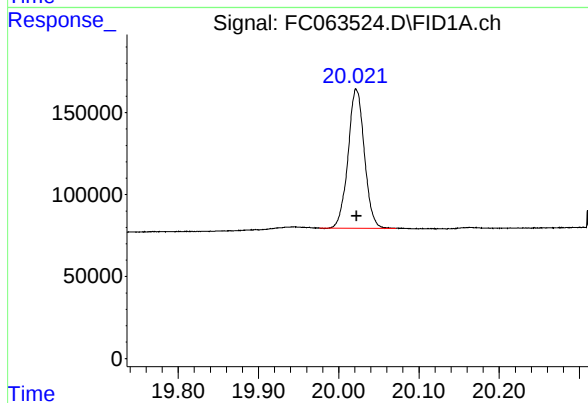
#18 n-Dotriacontane (C32)

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



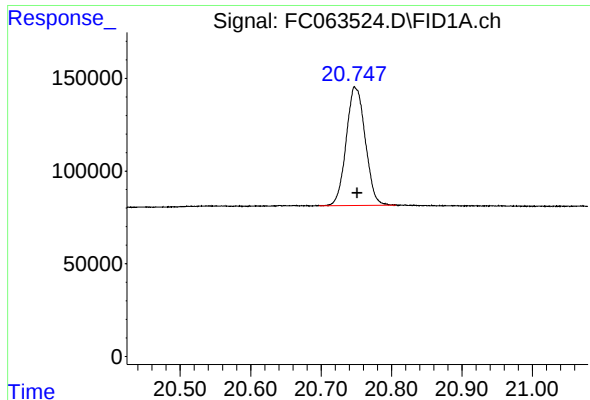
#19 n-Tetatriacontane (C34)

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



#20 n-Hexatriacontane (C36)

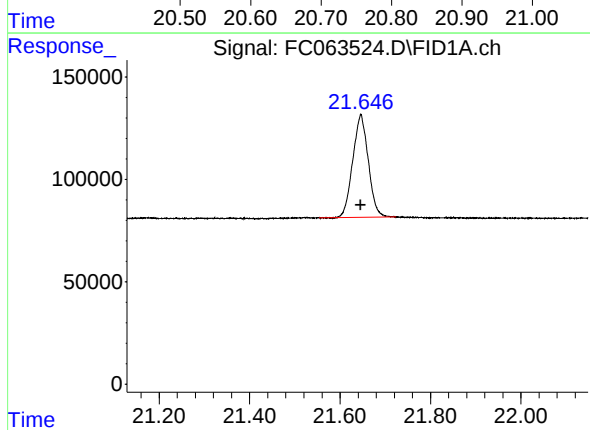
R.T.: 20.022 min
Delta R.T.: 0.000 min
Response: 1196267
Conc: 10.21 ug/ml



#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