

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091024AL\
 Data File : FC067074.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 11:45
 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: sample.E
 Quant Time: Sep 11 02:53:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:43:38 2024
 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)	11.510	6608093	50.036 ug/ml
Spiked Amount 50.000		Recovery =	100.07%
12) S 1-chlorooctadecane (S...	12.948	4738064	50.224 ug/ml
Spiked Amount 50.000		Recovery =	100.45%
Target Compounds			
1) T n-Nonane (C9)	3.277	6332439	50.246 ug/ml
2) T n-Decane (C10)	4.344	6433553	50.258 ug/ml
3) T A~Naphthalene (C11.7)	5.923	6844384	50.226 ug/ml
4) T n-Dodecane (C12)	6.362	6404719	50.283 ug/ml
5) T A~2-methylnaphthalene...	6.980	6466439	50.220 ug/ml
6) T n-Tetradecane (C14)	8.156	6185220	50.315 ug/ml
7) T n-Hexadecane (C16)	9.756	6169524	50.151 ug/ml
8) T n-Octadecane (C18)	11.198	6100975	50.114 ug/ml
10) T n-Eicosane (C20)	12.505	5727323	50.082 ug/ml
11) T n-Heneicosane (C21)	13.116	5586072	50.076 ug/ml
13) T n-Docosane (C22)	13.702	5512504	50.046 ug/ml
14) T n-Tetracosane (C24)	14.804	5434668	50.052 ug/ml
15) T n-Hexacosane (C26)	15.824	5314674	50.000 ug/ml
16) T n-Octacosane (C28)	16.773	5176200	49.932 ug/ml
17) T n-Tricontane (C30)	17.660	5202691	49.888 ug/ml
18) T n-Dotriacontane (C32)	18.492	4972885	49.843 ug/ml
19) T n-Tetratriacontane (C34)	19.273	4404910	49.899 ug/ml
20) T n-Hexatriacontane (C36)	20.012	3791449	49.822 ug/ml
21) T n-Octatriacontane (C38)	20.738	3568567	49.601 ug/ml
22) T n-Tetracontane (C40)	21.629	3340817	50.016 ug/ml

(f)=RT Delta > 1/2 Window

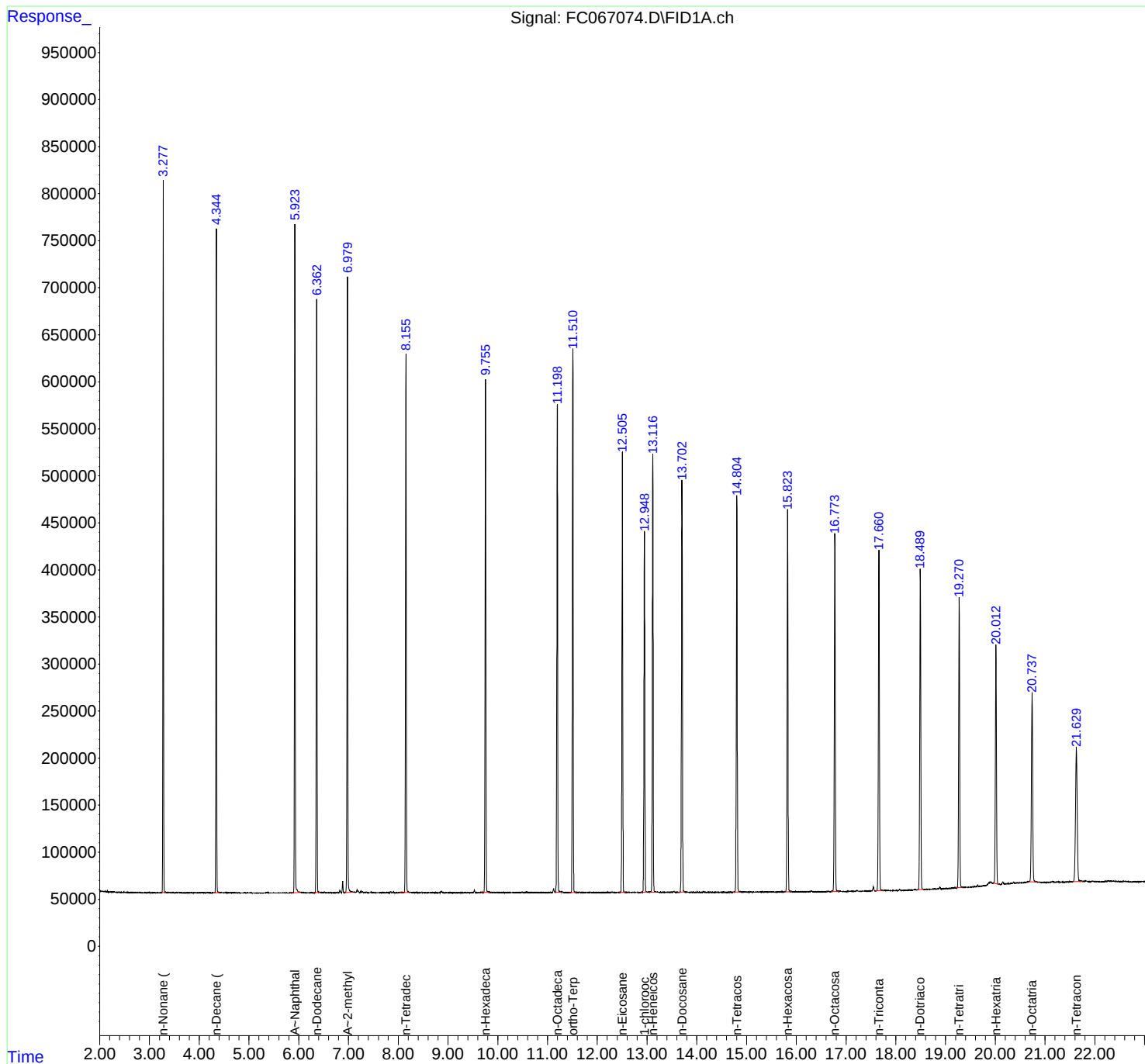
(m)=manual int.

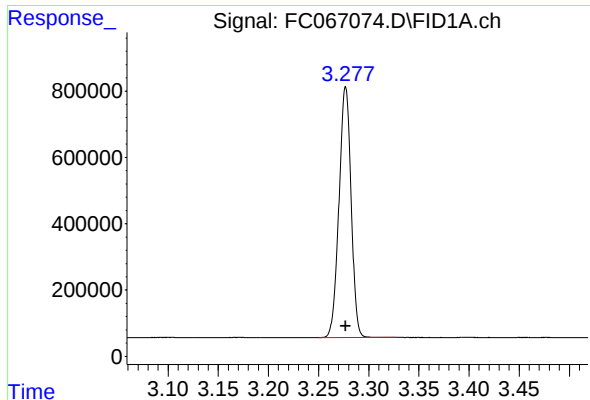
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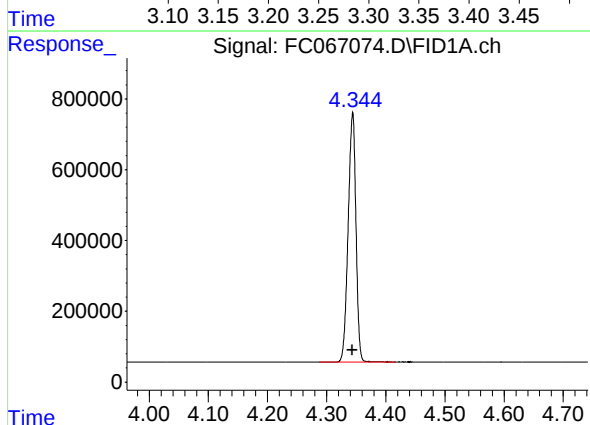




#1 n-Nonane (C9)

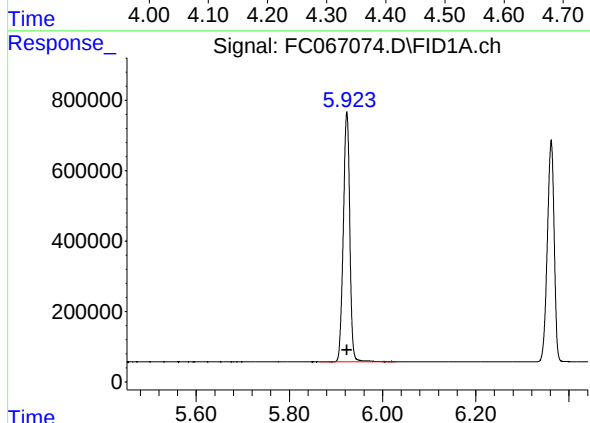
R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 6332439
Conc: 50.25 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



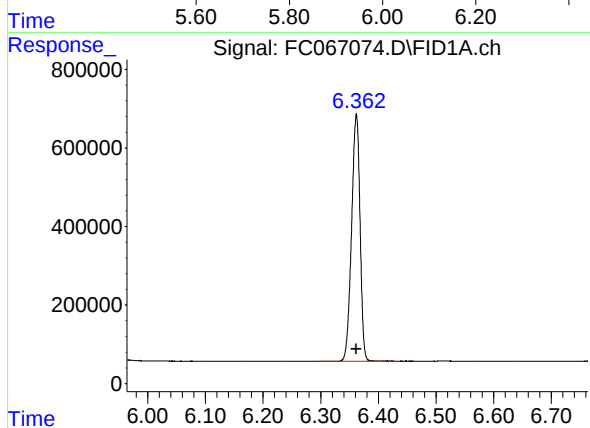
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 6433553
Conc: 50.26 ug/ml



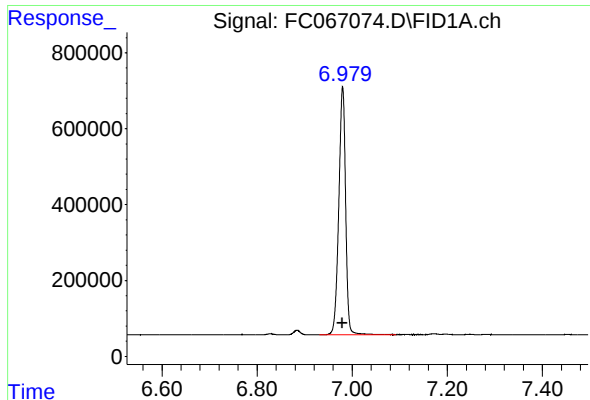
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 6844384
Conc: 50.23 ug/ml



#4 n-Dodecane (C12)

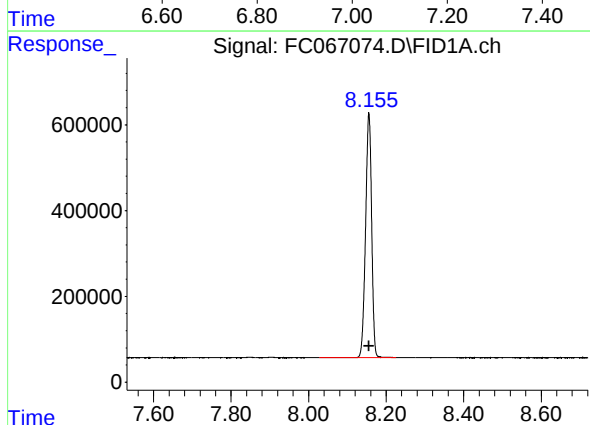
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 6404719
Conc: 50.28 ug/ml



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

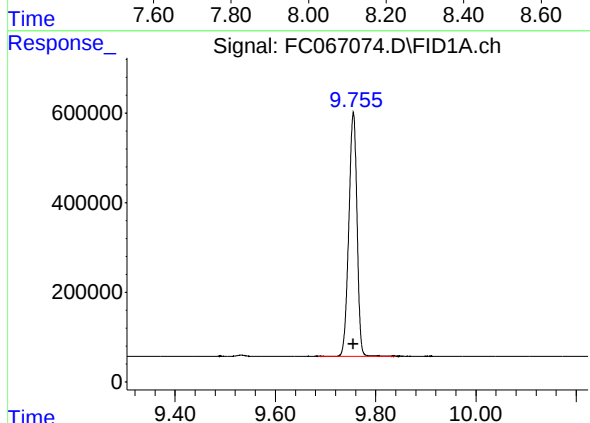
R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 6466439
Conc: 50.22 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



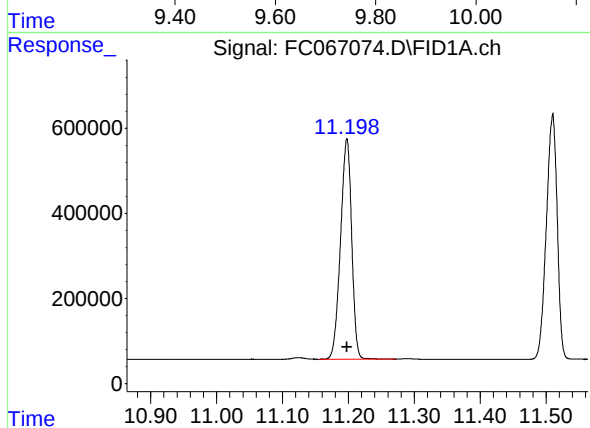
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 6185220
Conc: 50.32 ug/ml



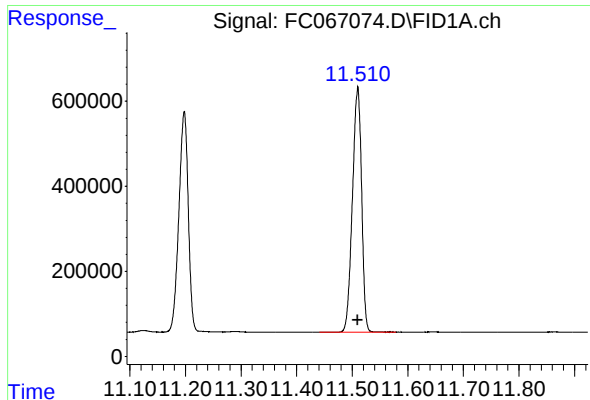
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 6169524
Conc: 50.15 ug/ml



#8 n-Octadecane (C18)

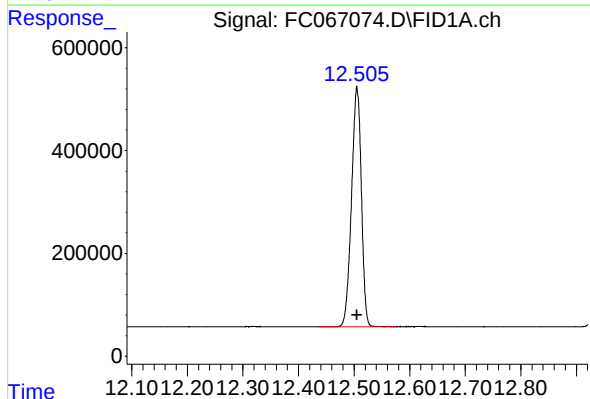
R.T.: 11.198 min
Delta R.T.: 0.000 min
Response: 6100975
Conc: 50.11 ug/ml



#9 ortho-Terphenyl (SURR)

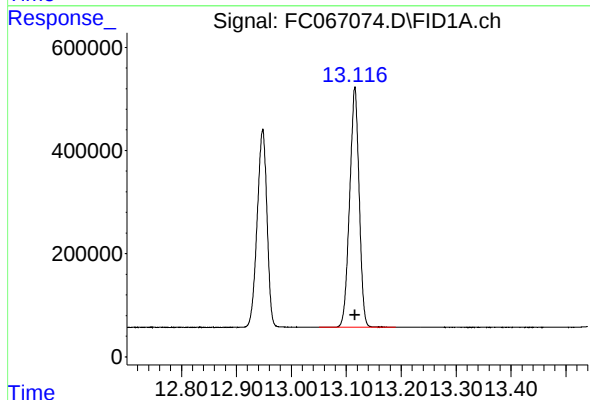
R.T.: 11.510 min
Delta R.T.: 0.000 min
Response: 6608093
Conc: 50.04 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



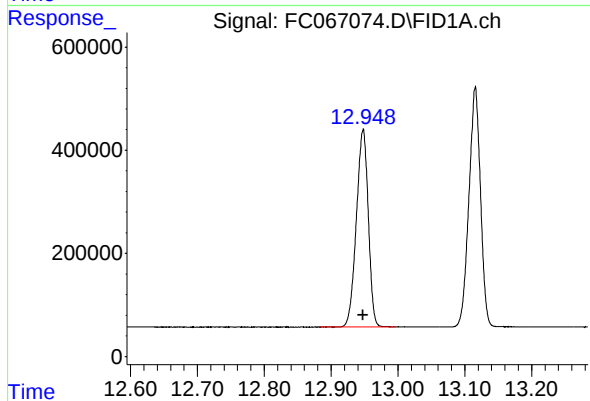
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 5727323
Conc: 50.08 ug/ml



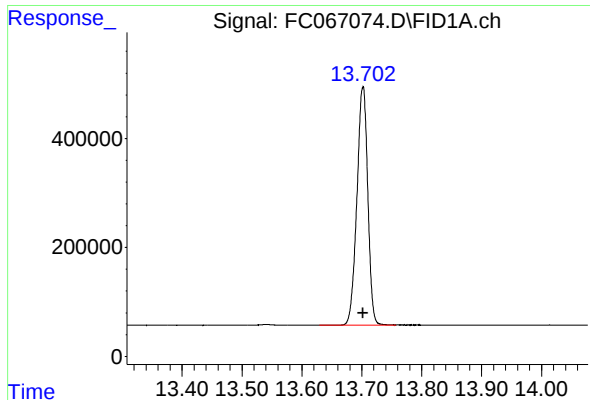
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 5586072
Conc: 50.08 ug/ml



#12 1-chlorooctadecane (SURR)

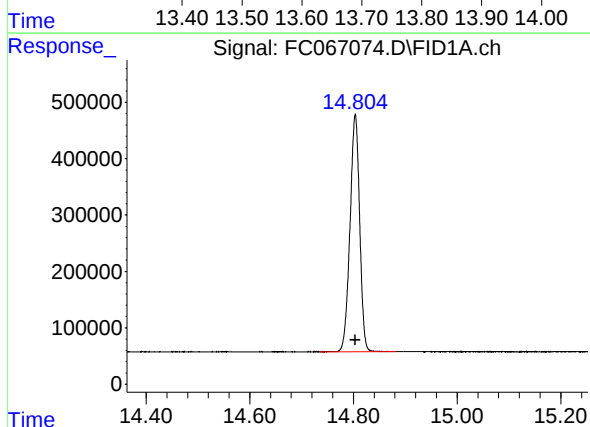
R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 4738064
Conc: 50.22 ug/ml



#13 n-Docosane (C22)

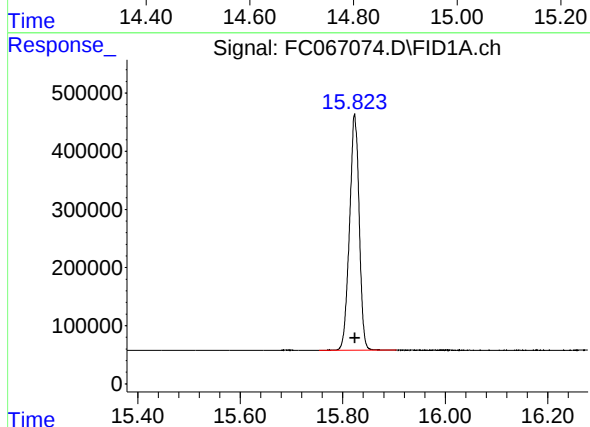
R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 5512504
Conc: 50.05 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



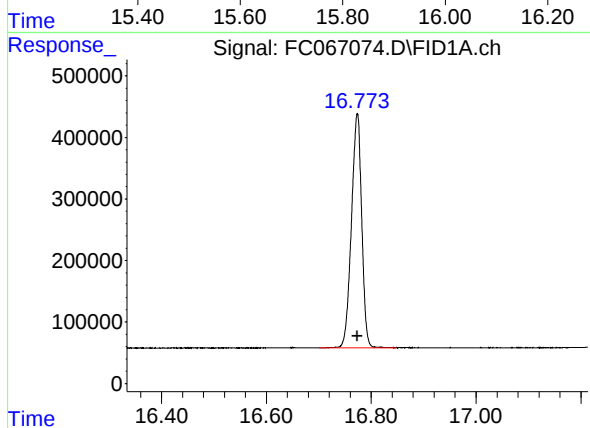
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: 0.000 min
Response: 5434668
Conc: 50.05 ug/ml



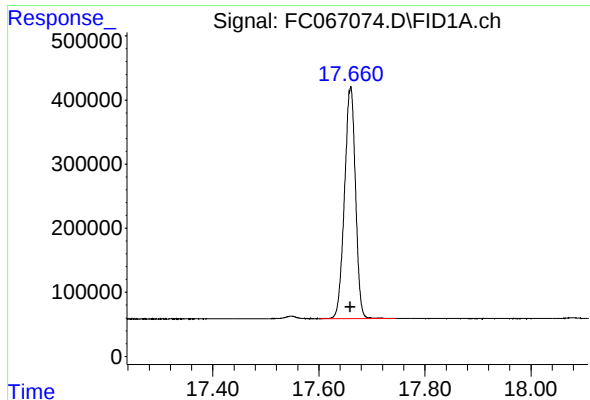
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.000 min
Response: 5314674
Conc: 50.00 ug/ml



#16 n-Octacosane (C28)

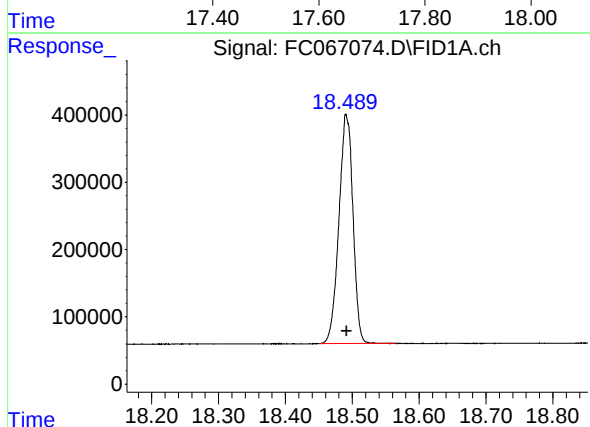
R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 5176200
Conc: 49.93 ug/ml



#17 n-Tricontane (C30)

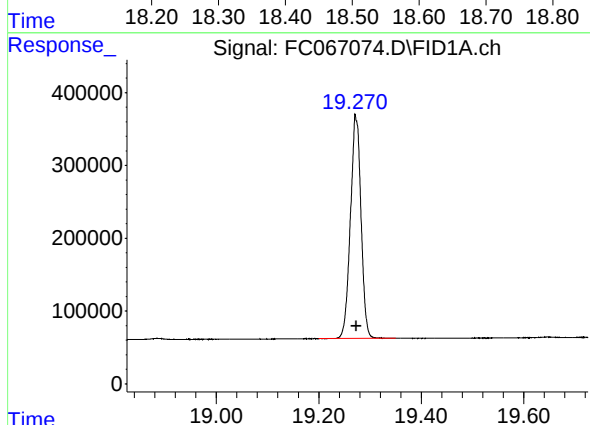
R.T.: 17.660 min
Delta R.T.: 0.000 min
Response: 5202691
Conc: 49.89 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



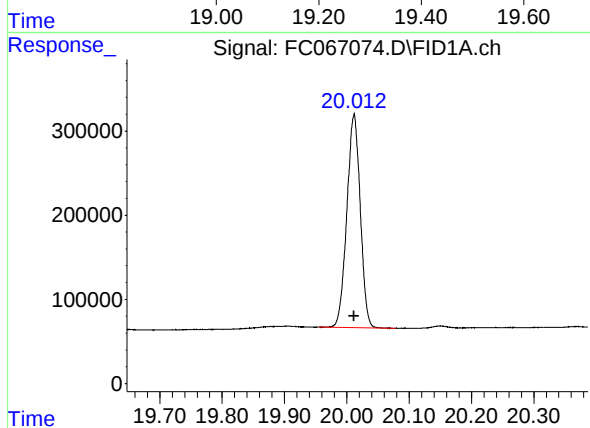
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: 0.000 min
Response: 4972885
Conc: 49.84 ug/ml



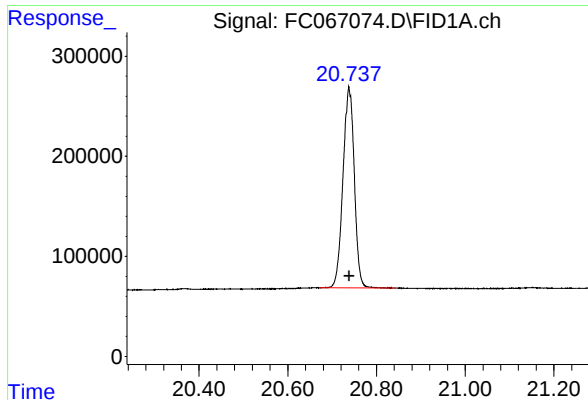
#19 n-Tetatriacontane (C34)

R.T.: 19.273 min
Delta R.T.: 0.000 min
Response: 4404910
Conc: 49.90 ug/ml



#20 n-Hexatriacontane (C36)

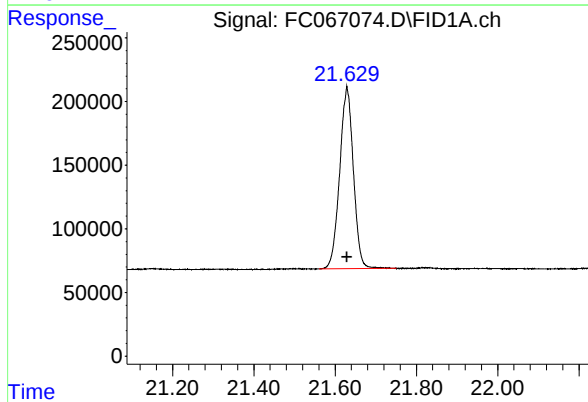
R.T.: 20.012 min
Delta R.T.: 0.000 min
Response: 3791449
Conc: 49.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.000 min
Response: 3568567
Conc: 49.60 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: 0.000 min
Response: 3340817
Conc: 50.02 ug/ml