

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050925AL\
 Data File : FC068811.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2025 12:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 09 23:06:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.711	1983967	17.382 ug/ml
Spiked Amount 50.000		Recovery =	34.76%
12) S 1-chlorooctadecane (S...	13.143	1446660	18.032 ug/ml
Spiked Amount 50.000		Recovery =	36.06%
Target Compounds			
1) T n-Nonane (C9)	3.442	1615358	16.060 ug/ml
2) T n-Decane (C10)	4.517	1645694	16.516 ug/ml
3) T A~Naphthalene (C11.7)	6.114	1793590	16.267 ug/ml
4) T n-Dodecane (C12)	6.542	1648715	16.966 ug/ml
5) T A~2-methylnaphthalene...	7.172	1777109	16.557 ug/ml
6) T n-Tetradecane (C14)	8.340	1625984	17.593 ug/ml
7) T n-Hexadecane (C16)	9.943	1630996	18.214 ug/ml
8) T n-Octadecane (C18)	11.387	1618806	18.455 ug/ml
10) T n-Eicosane (C20)	12.698	1578615	18.524 ug/ml
11) T n-Heneicosane (C21)	13.310	1560611	18.503 ug/ml
13) T n-Docosane (C22)	13.897	1552979	18.563 ug/ml
14) T n-Tetracosane (C24)	15.001	1558701	18.733 ug/ml
15) T n-Hexacosane (C26)	16.023	1548461	18.689 ug/ml
16) T n-Octacosane (C28)	16.974	1640561	19.851 ug/ml
17) T n-Tricontane (C30)	17.863	1829066	21.617 ug/ml
18) T n-Dotriacontane (C32)	18.696	1927377	22.376 ug/ml
19) T n-Tetratriacontane (C34)	19.482	1818596	21.345 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1753089	20.397 ug/ml
21) T n-Octatriacontane (C38)	20.997	1672867	19.943 ug/ml
22) T n-Tetracontane (C40)	21.975	1608804	19.630 ug/ml

(f)=RT Delta > 1/2 Window

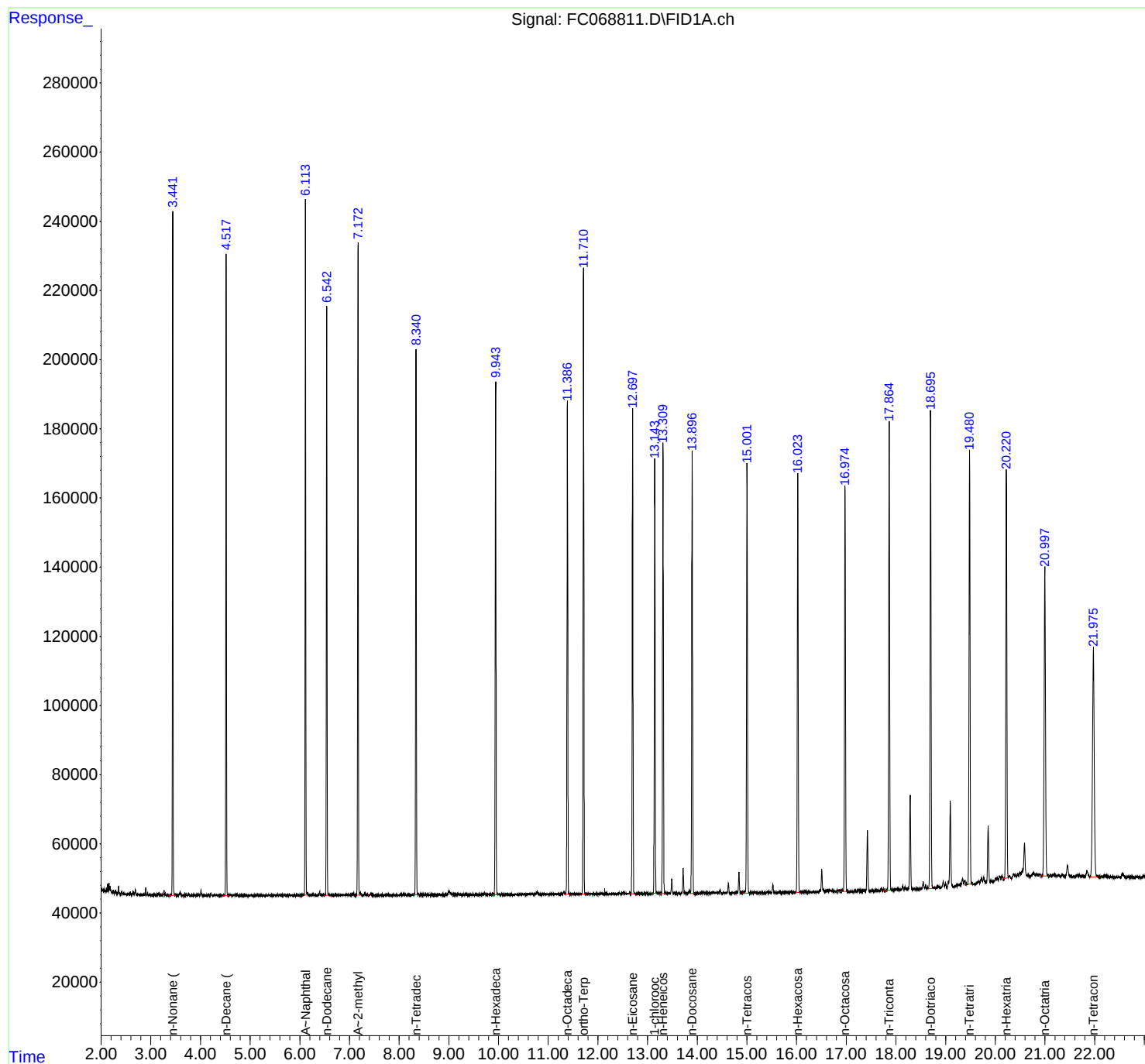
(m)=manual int.

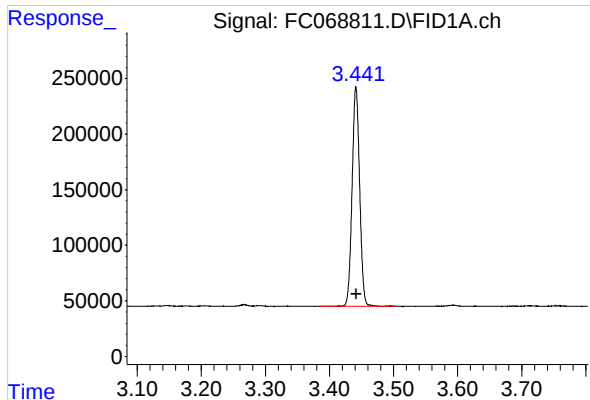
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050925AL\
Data File : FC068811.D
Signal(s) : FID1A.ch
Acq On : 09 May 2025 12:34
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 09 23:06:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
Quant Title : GC Extractables
QLast Update : Wed May 07 08:52:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

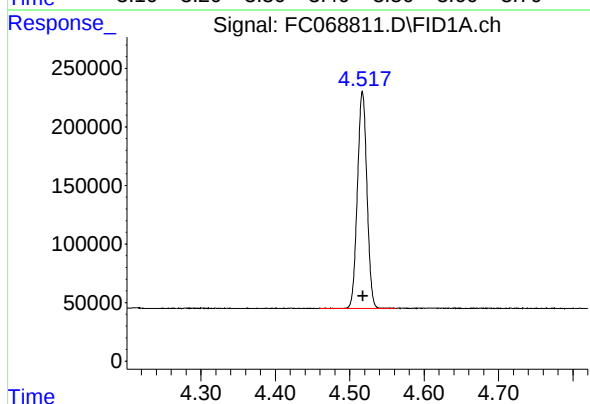




#1 n-Nonane (C9)

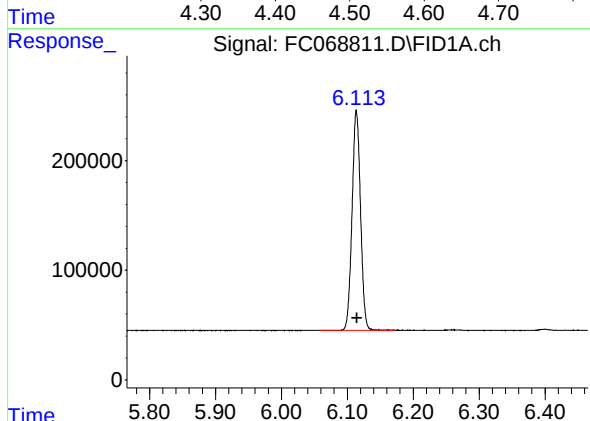
R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 1615358
Conc: 16.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



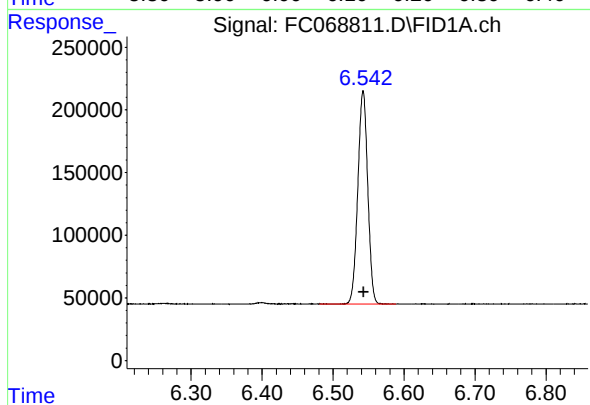
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 1645694
Conc: 16.52 ug/ml



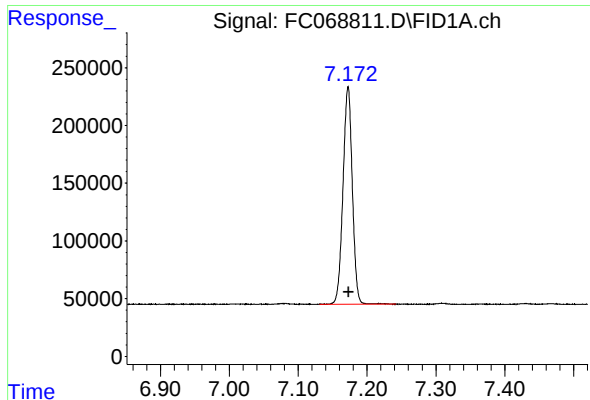
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 1793590
Conc: 16.27 ug/ml



#4 n-Dodecane (C12)

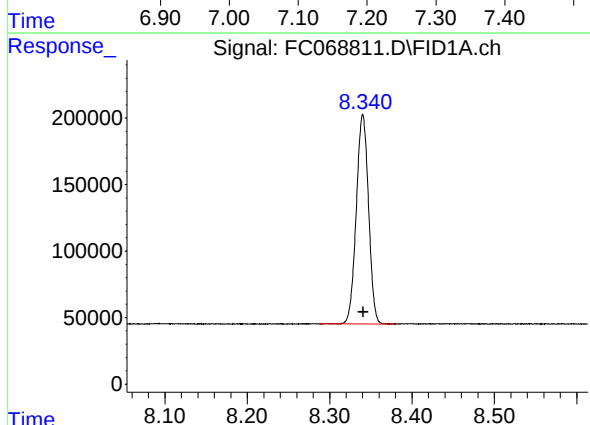
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 1648715
Conc: 16.97 ug/ml



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

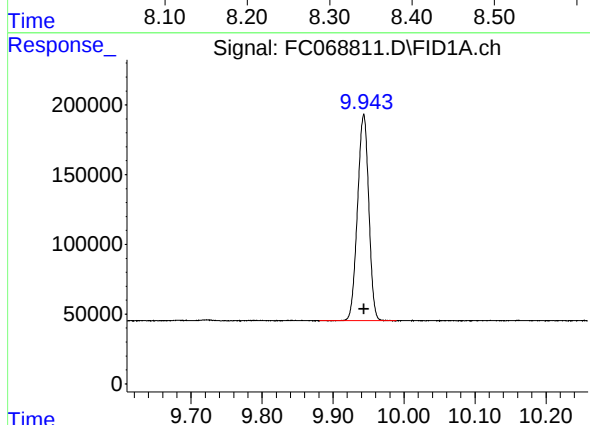
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 1777109
Conc: 16.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



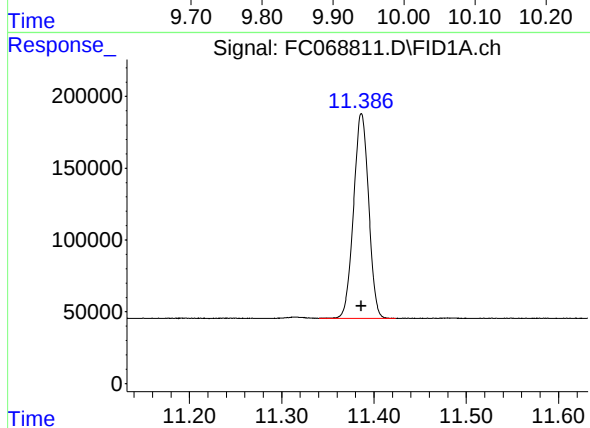
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 1625984
Conc: 17.59 ug/ml



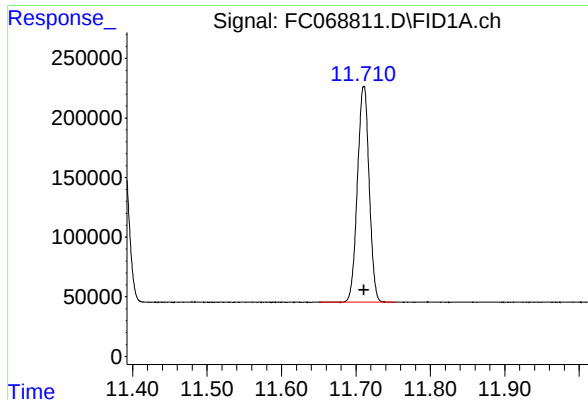
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: 0.000 min
Response: 1630996
Conc: 18.21 ug/ml



#8 n-Octadecane (C18)

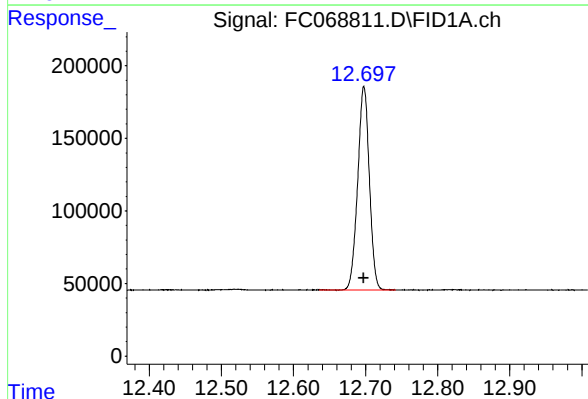
R.T.: 11.387 min
Delta R.T.: 0.000 min
Response: 1618806
Conc: 18.45 ug/ml



#9 ortho-Terphenyl (SURR)

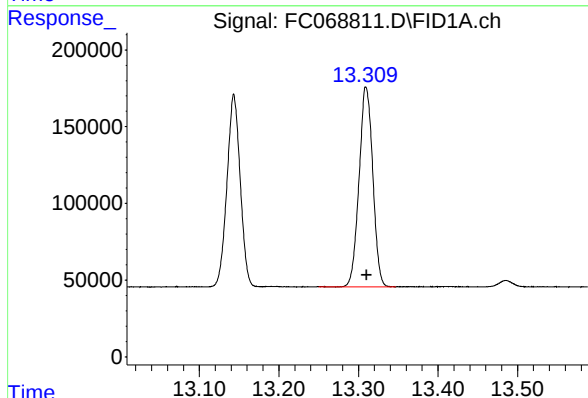
R.T.: 11.711 min
Delta R.T.: 0.000 min
Response: 1983967
Conc: 17.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



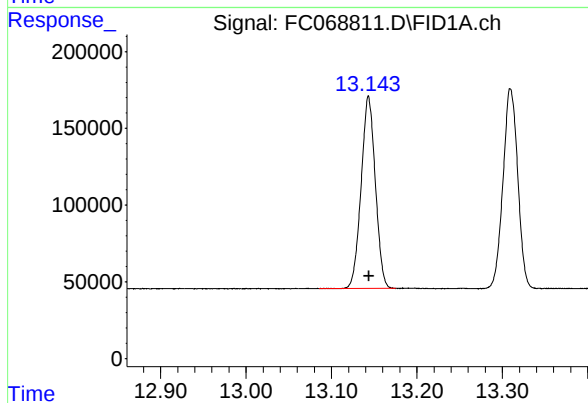
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: 0.000 min
Response: 1578615
Conc: 18.52 ug/ml



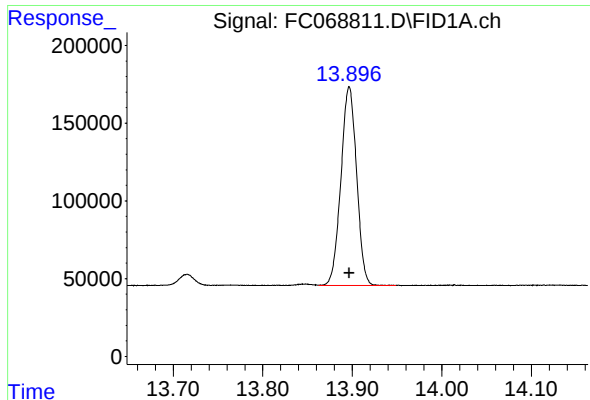
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 1560611
Conc: 18.50 ug/ml



#12 1-chlorooctadecane (SURR)

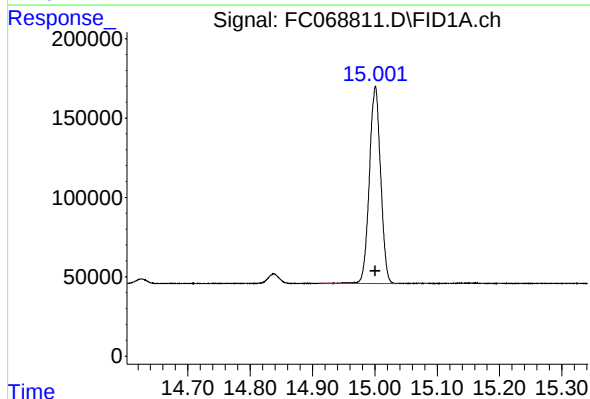
R.T.: 13.143 min
Delta R.T.: 0.000 min
Response: 1446660
Conc: 18.03 ug/ml



#13 n-Docosane (C22)

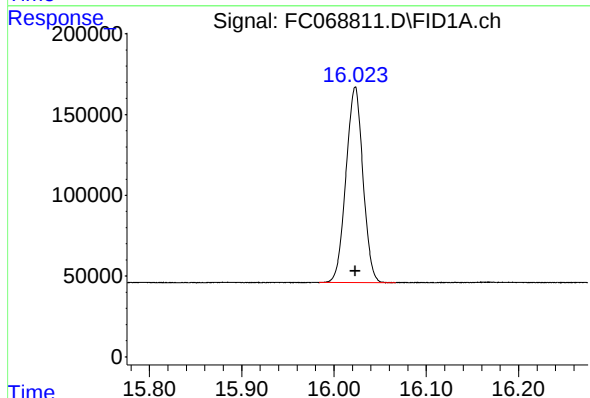
R.T.: 13.897 min
Delta R.T.: 0.000 min
Response: 1552979
Conc: 18.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



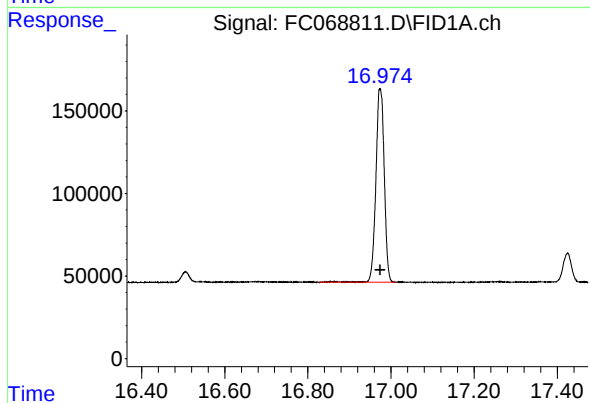
#14 n-Tetracosane (C24)

R.T.: 15.001 min
Delta R.T.: 0.000 min
Response: 1558701
Conc: 18.73 ug/ml



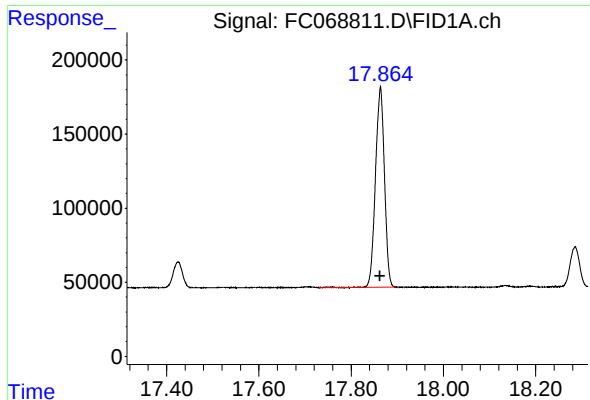
#15 n-Hexacosane (C26)

R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 1548461
Conc: 18.69 ug/ml



#16 n-Octacosane (C28)

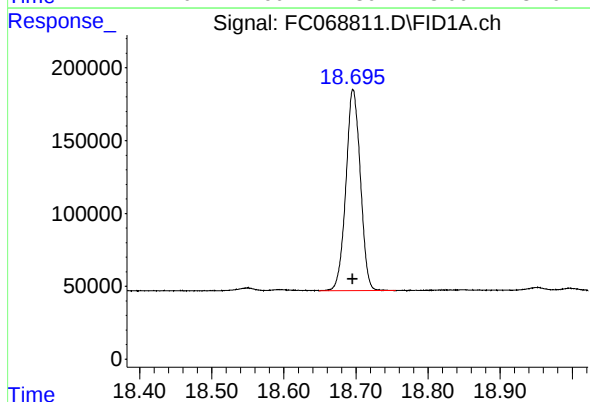
R.T.: 16.974 min
Delta R.T.: 0.000 min
Response: 1640561
Conc: 19.85 ug/ml



#17 n-Tricontane (C30)

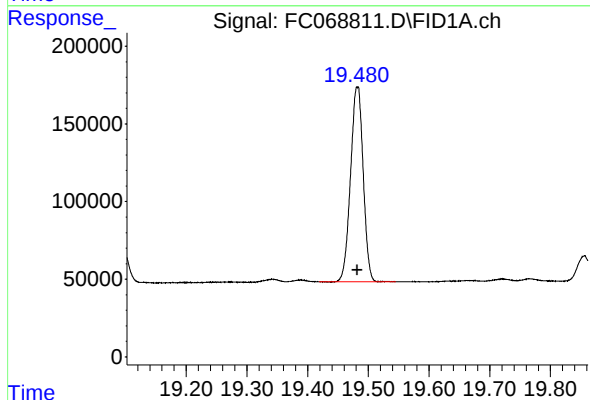
R.T.: 17.863 min
Delta R.T.: 0.000 min
Response: 1829066
Conc: 21.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



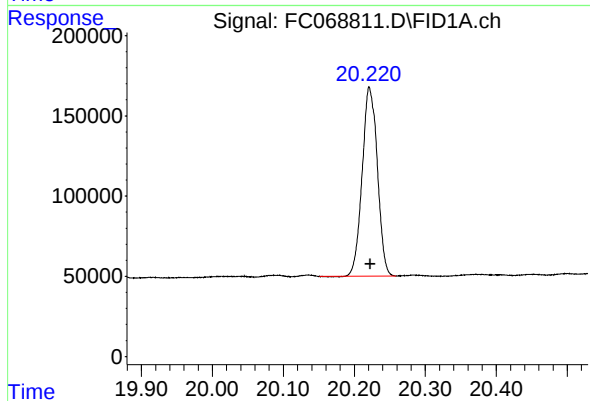
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: 0.000 min
Response: 1927377
Conc: 22.38 ug/ml



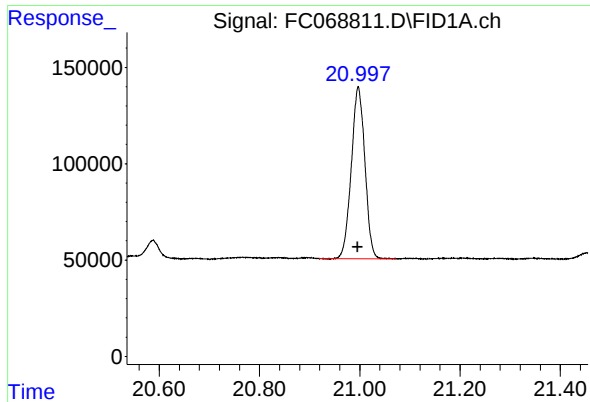
#19 n-Tetratriacontane (C34)

R.T.: 19.482 min
Delta R.T.: 0.000 min
Response: 1818596
Conc: 21.35 ug/ml



#20 n-Hexatriacontane (C36)

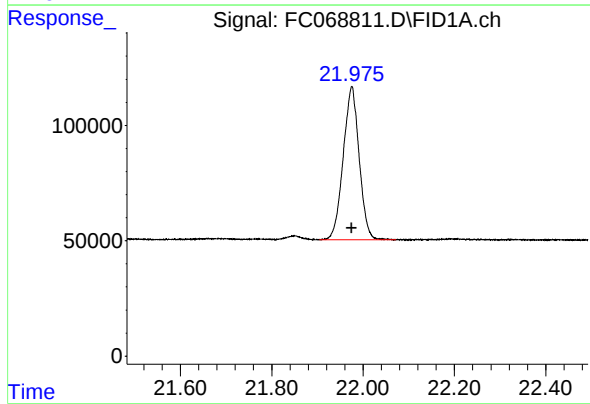
R.T.: 20.222 min
Delta R.T.: 0.000 min
Response: 1753089
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.997 min
Delta R.T.: 0.000 min
Response: 1672867
Conc: 19.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: 0.000 min
Response: 1608804
Conc: 19.63 ug/ml