

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040925AL\
 Data File : FC068516.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 14:56
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 08 16:13:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 16:09:32 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)	11.725	6161100	50.356 ug/ml
Spiked Amount 50.000		Recovery =	100.71%
12) S 1-chlorooctadecane (S...	13.157	4514187	50.566 ug/ml
Spiked Amount 50.000		Recovery =	101.13%
Target Compounds			
1) T n-Nonane (C9)	3.450	5067341	50.185 ug/ml
2) T n-Decane (C10)	4.527	5076375	50.277 ug/ml
3) T A~Naphthalene (C11.7)	6.125	5619945	50.263 ug/ml
4) T n-Dodecane (C12)	6.553	5078941	50.435 ug/ml
5) T A~2-methylnaphthalene...	7.185	5572356	50.187 ug/ml
6) T n-Tetradecane (C14)	8.351	4969100	50.562 ug/ml
7) T n-Hexadecane (C16)	9.955	4928238	50.657 ug/ml
8) T n-Octadecane (C18)	11.400	4878449	50.714 ug/ml
10) T n-Eicosane (C20)	12.711	4775746	50.664 ug/ml
11) T n-Heneicosane (C21)	13.324	4725926	50.625 ug/ml
13) T n-Docosane (C22)	13.910	4681649	50.548 ug/ml
14) T n-Tetracosane (C24)	15.015	4612534	50.438 ug/ml
15) T n-Hexacosane (C26)	16.037	4527712	50.224 ug/ml
16) T n-Octacosane (C28)	16.988	4424410	49.984 ug/ml
17) T n-Tricontane (C30)	17.878	4424204	49.765 ug/ml
18) T n-Dotriacontane (C32)	18.712	4393250	49.592 ug/ml
19) T n-Tetratriacontane (C34)	19.496	4277762	49.434 ug/ml
20) T n-Hexatriacontane (C36)	20.237	4294870	49.370 ug/ml
21) T n-Octatriacontane (C38)	21.016	4234644	49.308 ug/ml
22) T n-Tetracontane (C40)	22.000	4228112	49.226 ug/ml

(f)=RT Delta > 1/2 Window

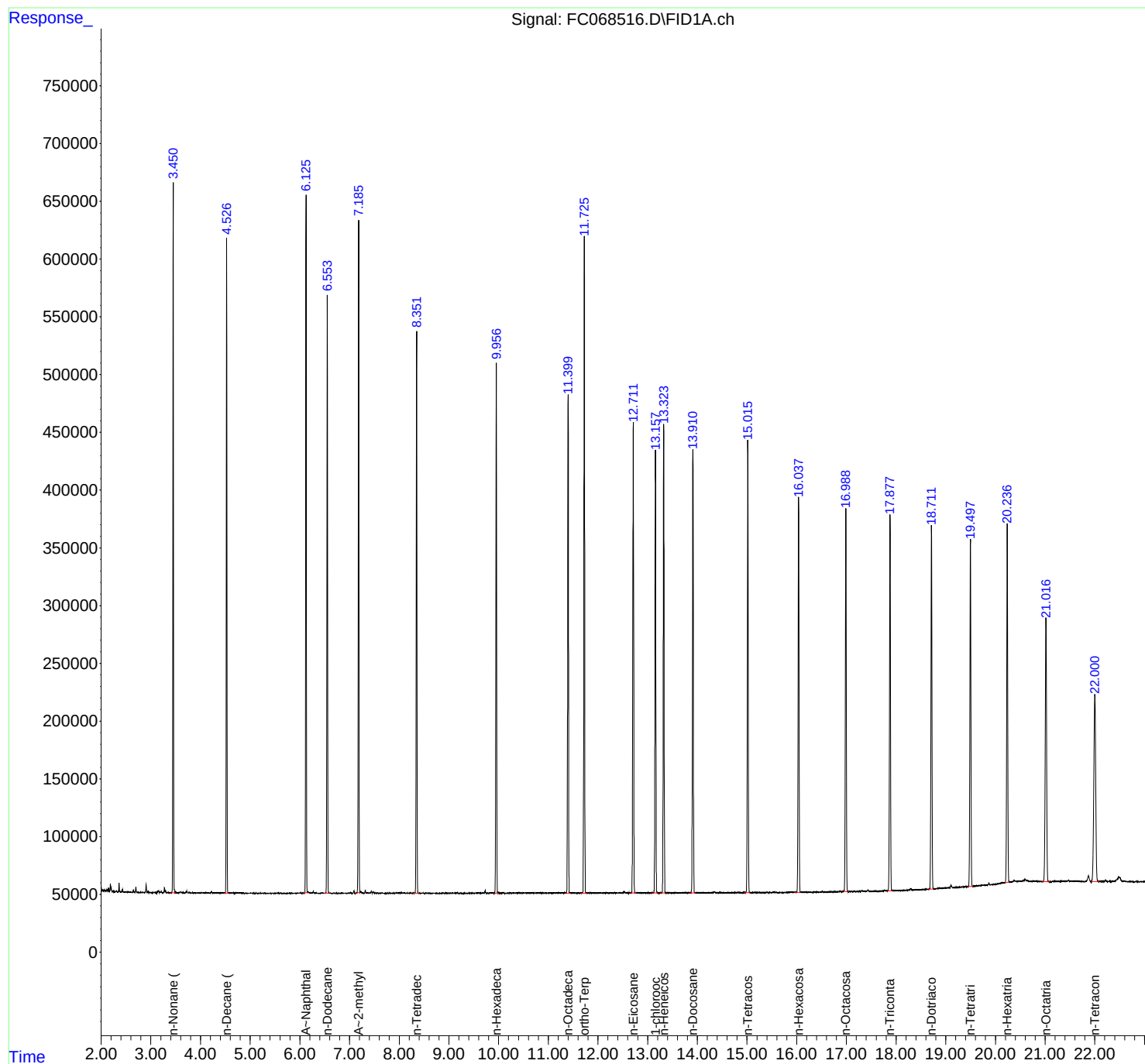
(m)=manual int.

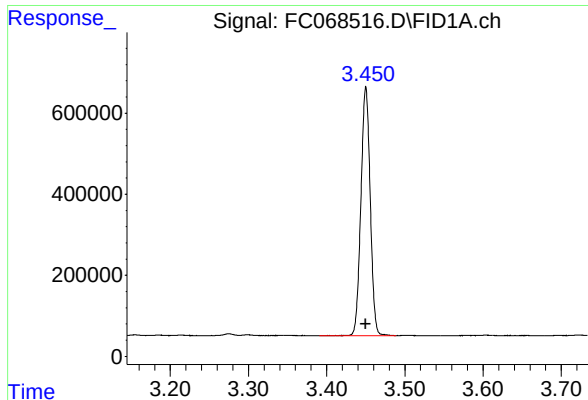
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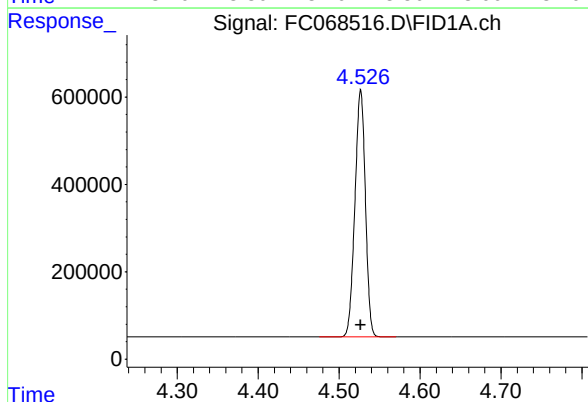




#1 n-Nonane (C9)

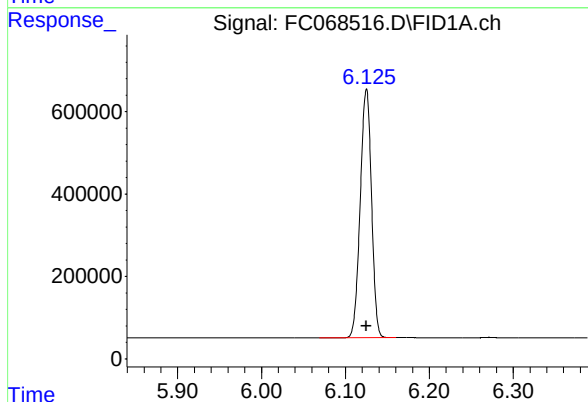
R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 5067341
Conc: 50.18 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



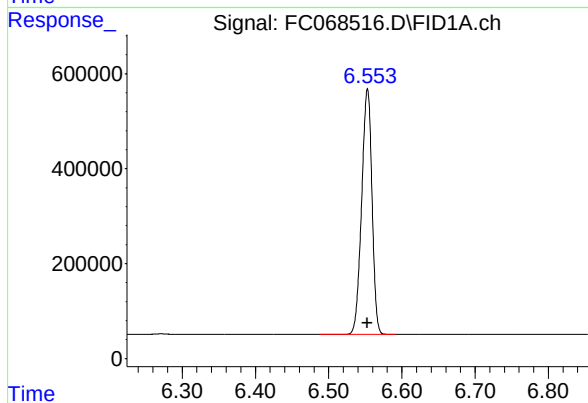
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 5076375
Conc: 50.28 ug/ml



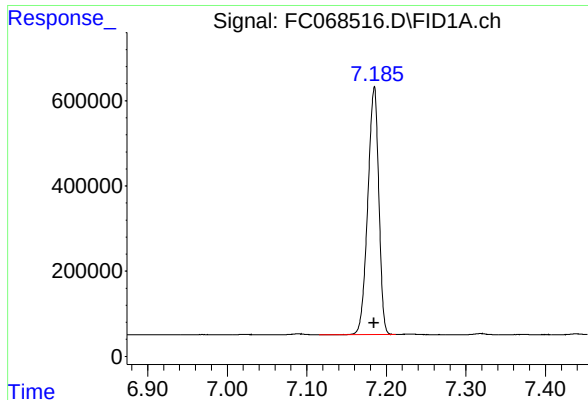
#3 A~Naphthalene (C11.7)

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 5619945
Conc: 50.26 ug/ml



#4 n-Dodecane (C12)

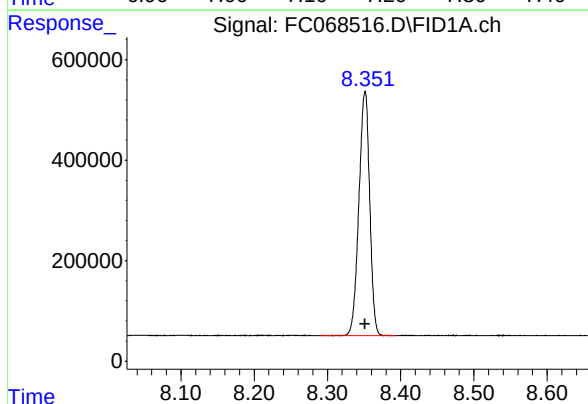
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 5078941
Conc: 50.44 ug/ml



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

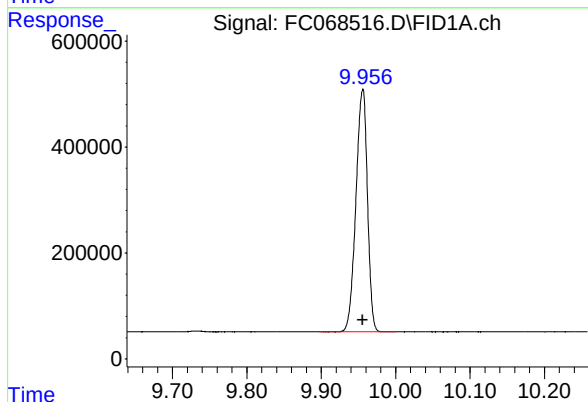
R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 5572356
Conc: 50.19 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



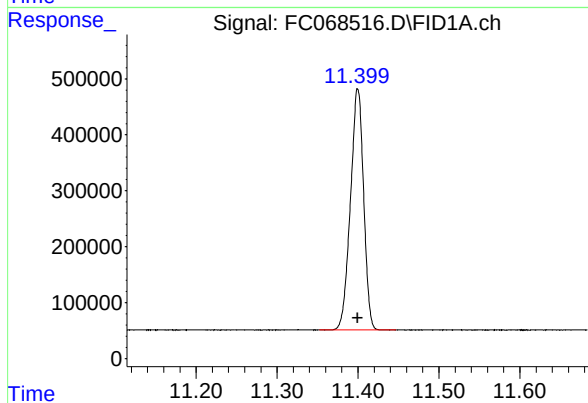
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 4969100
Conc: 50.56 ug/ml



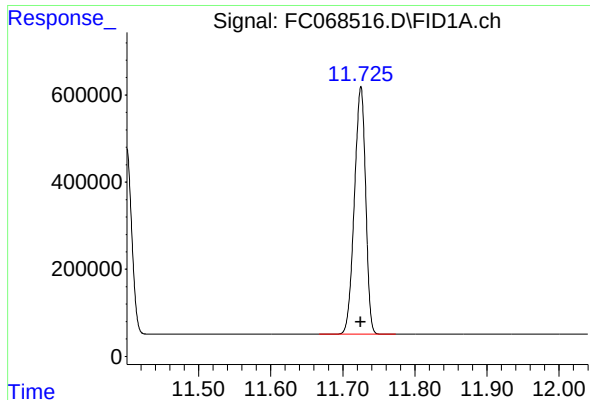
#7 n-Hexadecane (C16)

R.T.: 9.955 min
Delta R.T.: 0.000 min
Response: 4928238
Conc: 50.66 ug/ml



#8 n-Octadecane (C18)

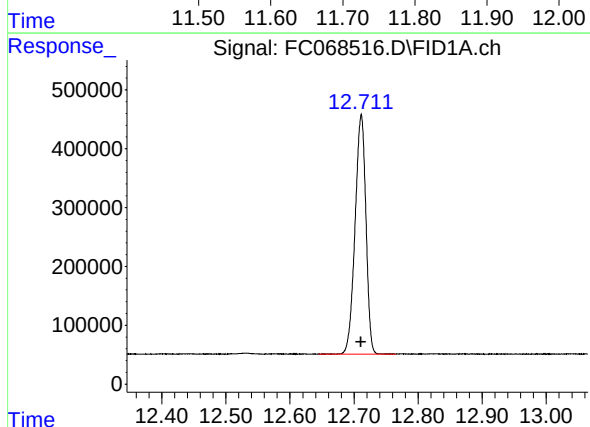
R.T.: 11.400 min
Delta R.T.: 0.000 min
Response: 4878449
Conc: 50.71 ug/ml



#9 ortho-Terphenyl (SURR)

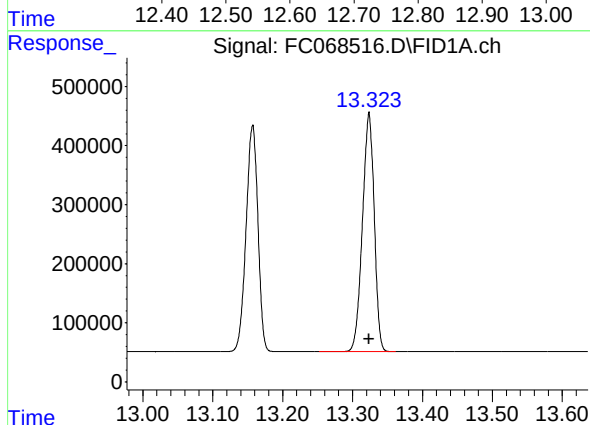
R.T.: 11.725 min
Delta R.T.: 0.000 min
Response: 6161100
Conc: 50.36 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



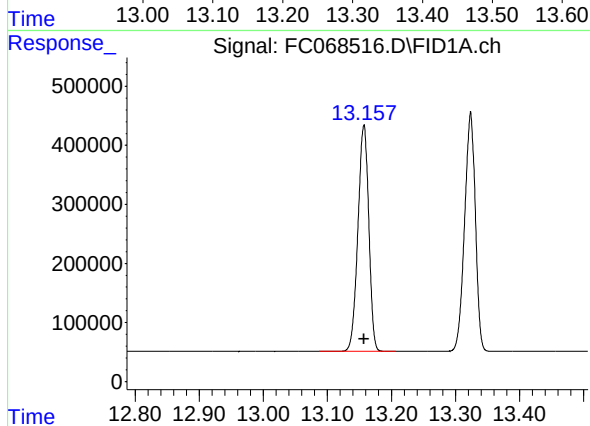
#10 n-Eicosane (C20)

R.T.: 12.711 min
Delta R.T.: 0.000 min
Response: 4775746
Conc: 50.66 ug/ml



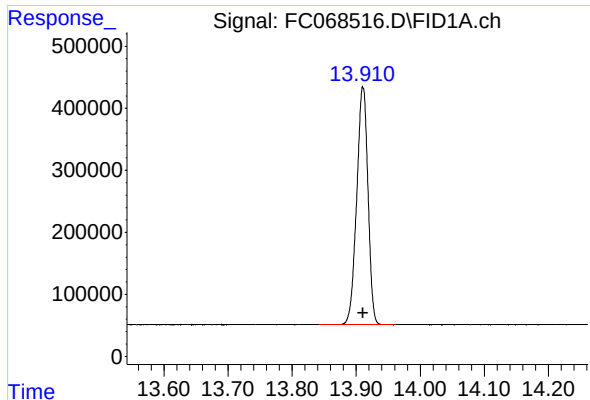
#11 n-Heneicosane (C21)

R.T.: 13.324 min
Delta R.T.: 0.000 min
Response: 4725926
Conc: 50.63 ug/ml



#12 1-chlorooctadecane (SURR)

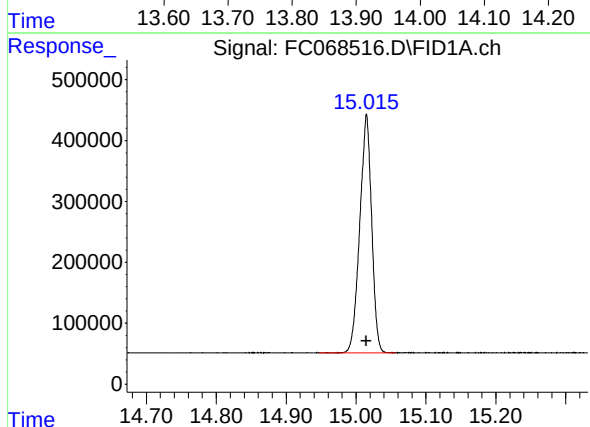
R.T.: 13.157 min
Delta R.T.: 0.000 min
Response: 4514187
Conc: 50.57 ug/ml



#13 n-Docosane (C22)

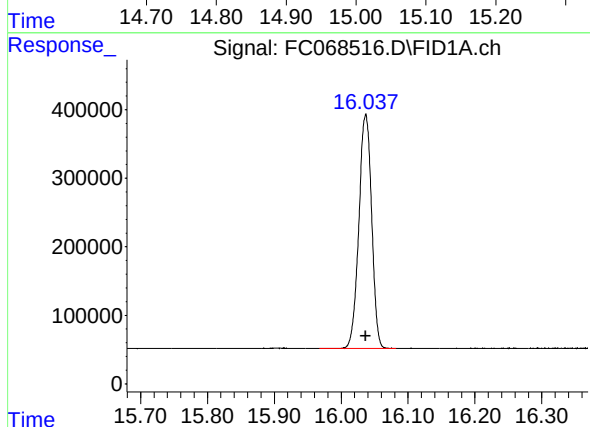
R.T.: 13.910 min
Delta R.T.: 0.000 min
Response: 4681649
Conc: 50.55 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



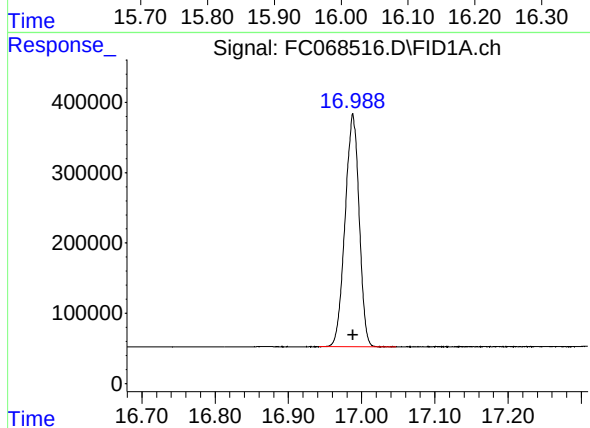
#14 n-Tetracosane (C24)

R.T.: 15.015 min
Delta R.T.: 0.000 min
Response: 4612534
Conc: 50.44 ug/ml



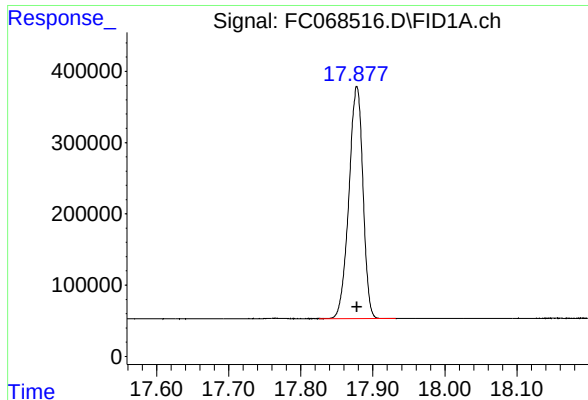
#15 n-Hexacosane (C26)

R.T.: 16.037 min
Delta R.T.: 0.000 min
Response: 4527712
Conc: 50.22 ug/ml



#16 n-Octacosane (C28)

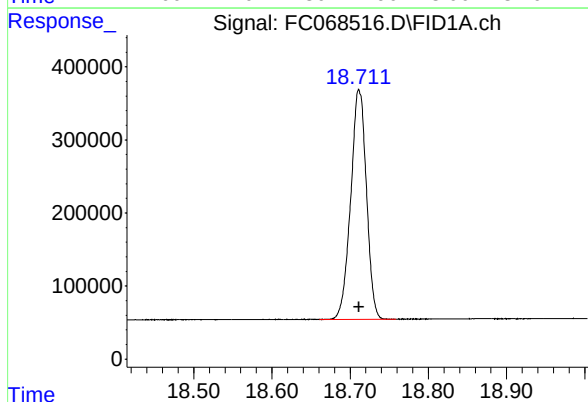
R.T.: 16.988 min
Delta R.T.: 0.000 min
Response: 4424410
Conc: 49.98 ug/ml



#17 n-Tricontane (C30)

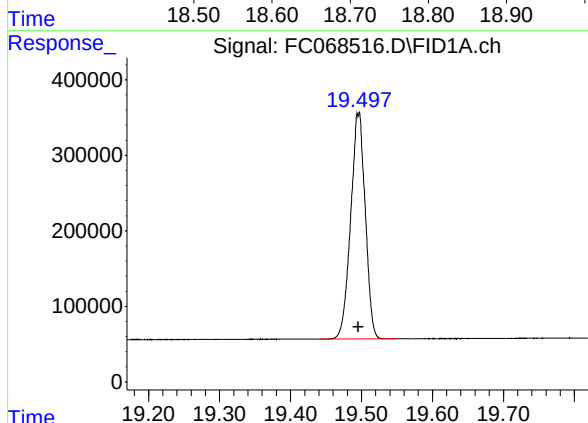
R.T.: 17.878 min
Delta R.T.: 0.000 min
Response: 4424204
Conc: 49.77 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



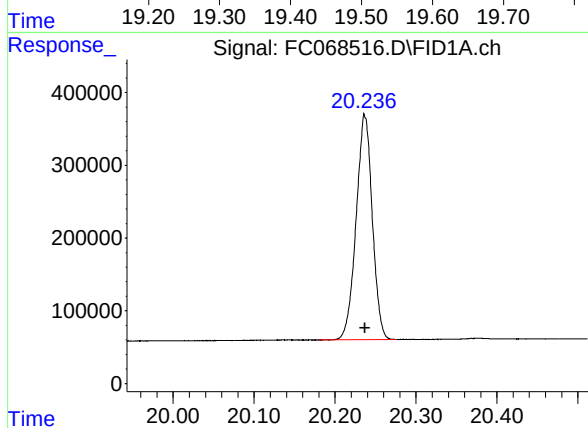
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: 0.000 min
Response: 4393250
Conc: 49.59 ug/ml



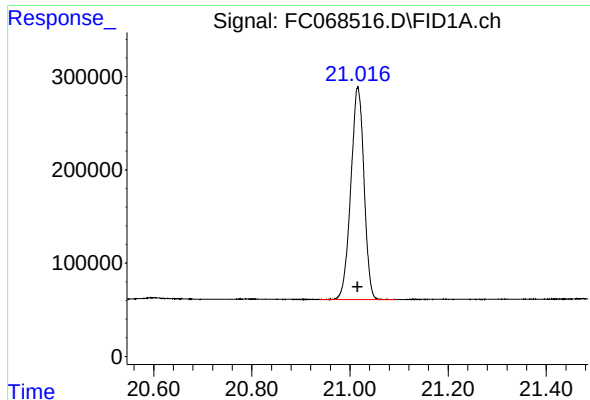
#19 n-Tetratriacontane (C34)

R.T.: 19.496 min
Delta R.T.: 0.000 min
Response: 4277762
Conc: 49.43 ug/ml



#20 n-Hexatriacontane (C36)

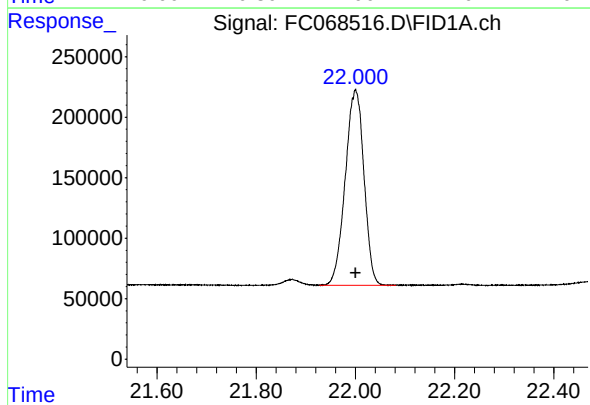
R.T.: 20.237 min
Delta R.T.: 0.000 min
Response: 4294870
Conc: 49.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.016 min
Delta R.T.: 0.000 min
Response: 4234644
Conc: 49.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: 0.000 min
Response: 4228112
Conc: 49.23 ug/ml