

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069561.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 13:06
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 01 13:29:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:29:13 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)	11.669	1534923	10.501 ug/ml
Spiked Amount 50.000		Recovery =	21.00%
12) S 1-chlorooctadecane (S...	13.105	1117333	10.424 ug/ml
Spiked Amount 50.000		Recovery =	20.85%
Target Compounds			
1) T n-Nonane (C9)	3.400	1439879	10.334 ug/ml
2) T n-Decane (C10)	4.473	1462951	10.271 ug/ml
3) T A~Naphthalene (C11.7)	6.069	1569203	10.302 ug/ml
4) T n-Dodecane (C12)	6.498	1467891	10.251 ug/ml
5) T A~2-methylnaphthalene...	7.128	1485813	10.245 ug/ml
6) T n-Tetradecane (C14)	8.297	1433466	10.235 ug/ml
7) T n-Hexadecane (C16)	9.902	1464276	10.359 ug/ml
8) T n-Octadecane (C18)	11.346	1447437	10.464 ug/ml
10) T n-Eicosane (C20)	12.658	1356080	10.533 ug/ml
11) T n-Heneicosane (C21)	13.271	1316459	10.553 ug/ml
13) T n-Docosane (C22)	13.858	1289069	10.544 ug/ml
14) T n-Tetracosane (C24)	14.963	1243261	10.534 ug/ml
15) T n-Hexacosane (C26)	15.985	1187475	10.513 ug/ml
16) T n-Octacosane (C28)	16.937	1148200	10.556 ug/ml
17) T n-Tricontane (C30)	17.825	1169356	10.684 ug/ml
18) T n-Dotriacontane (C32)	18.659	1129813	10.721 ug/ml
19) T n-Tetratriacontane (C34)	19.444	1035291	10.674 ug/ml
20) T n-Hexatriacontane (C36)	20.186	908236	10.636 ug/ml
21) T n-Octatriacontane (C38)	20.951	799482	10.309 ug/ml
22) T n-Tetracontane (C40)	21.915	749275	10.229 ug/ml

(f)=RT Delta > 1/2 Window

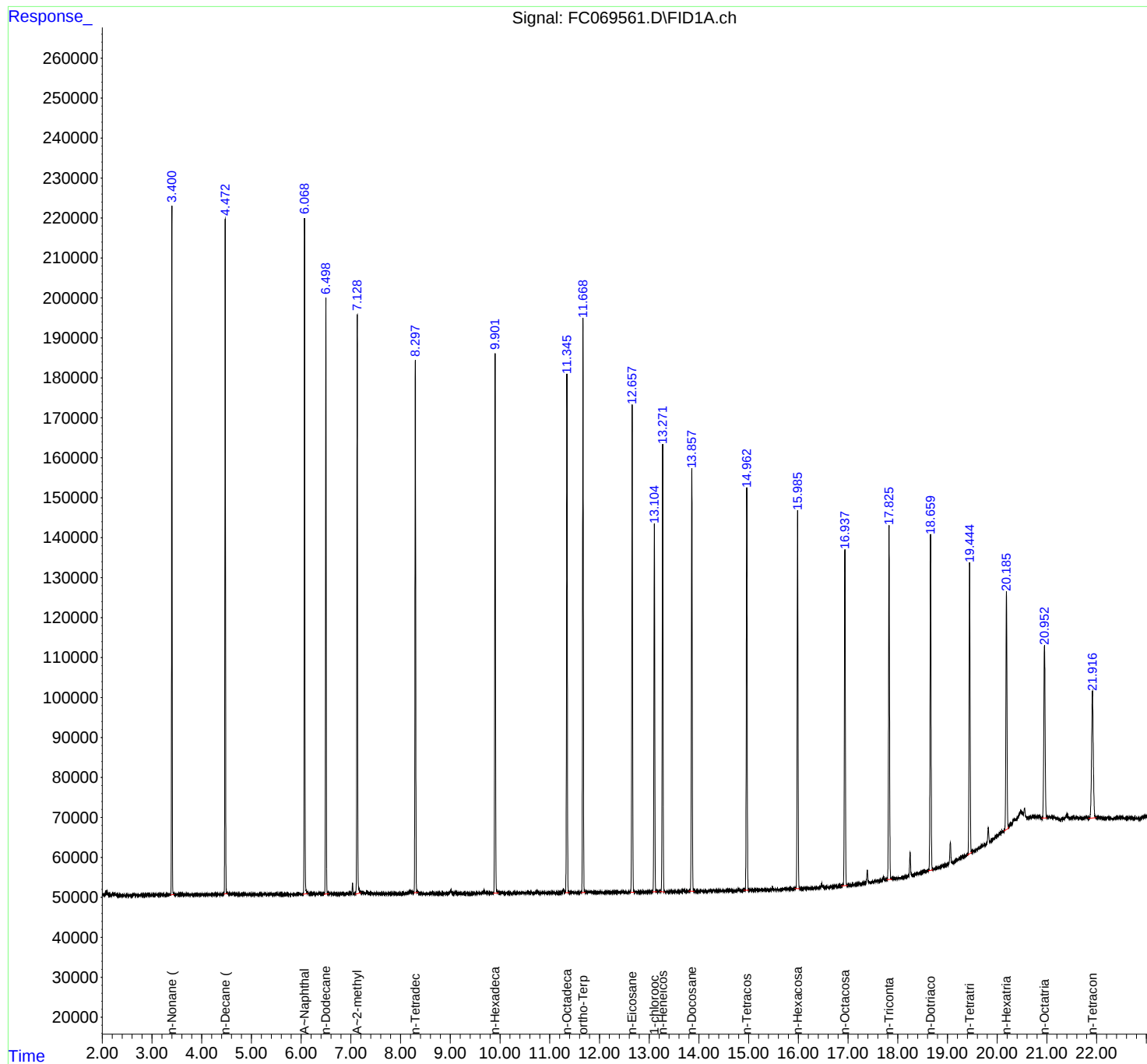
(m)=manual int.

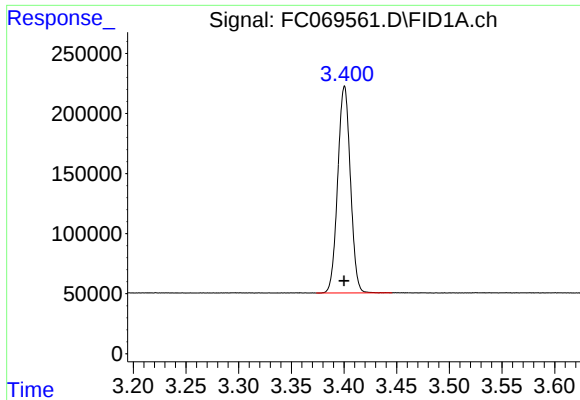
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
Data File : FC069561.D
Signal(s) : FID1A.ch
Acq On : 01 Aug 2025 13:06
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Aug 01 13:29:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:29:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

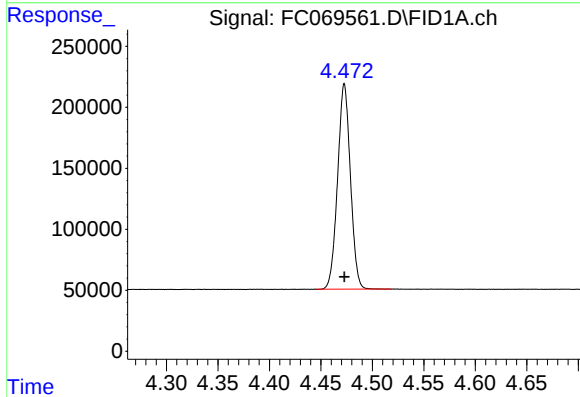




#1 n-Nonane (C9)

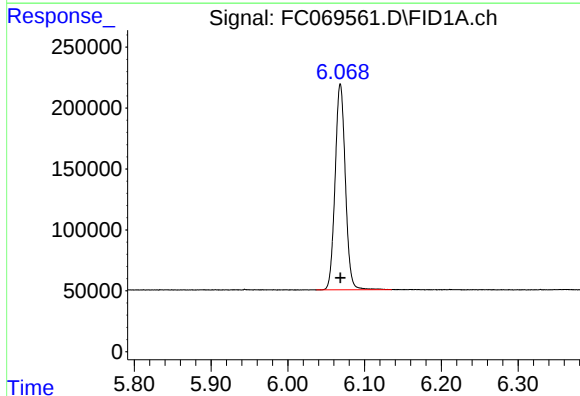
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 1439879
Conc: 10.33 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



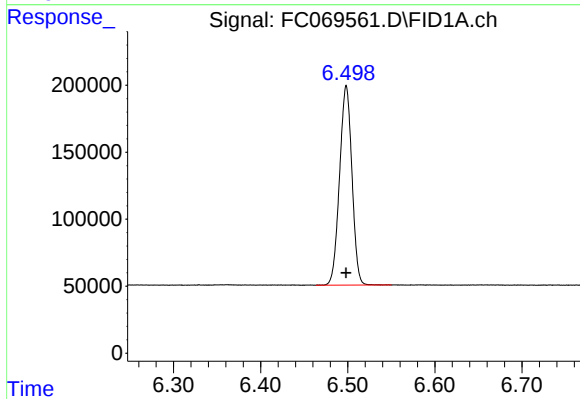
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 1462951
Conc: 10.27 ug/ml



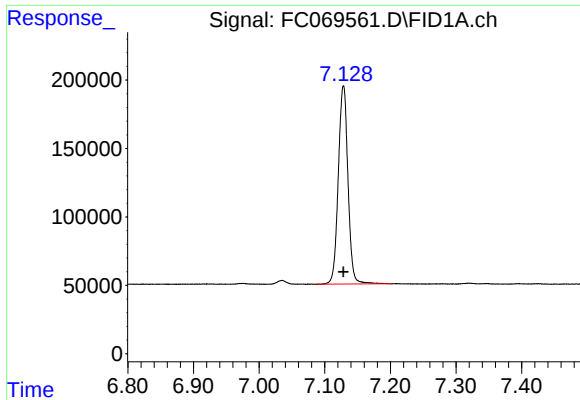
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 1569203
Conc: 10.30 ug/ml



#4 n-Dodecane (C12)

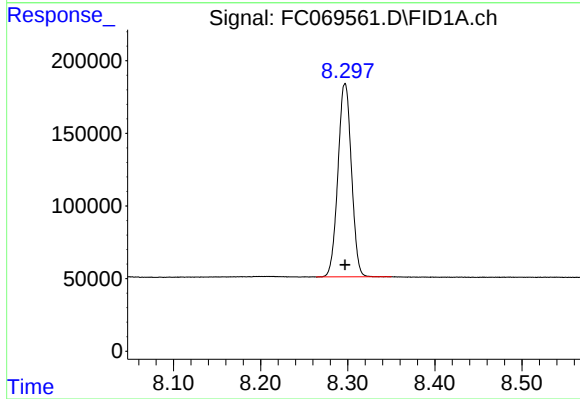
R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 1467891
Conc: 10.25 ug/ml



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

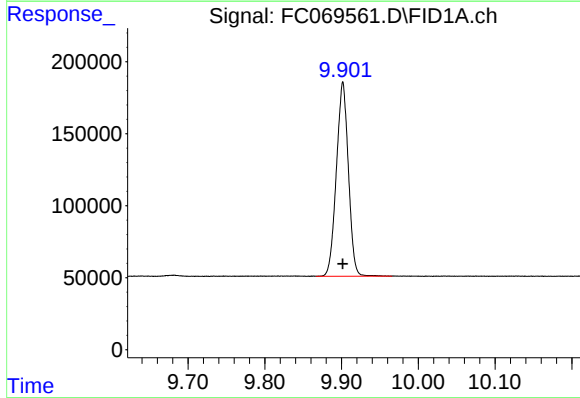
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 1485813
Conc: 10.25 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



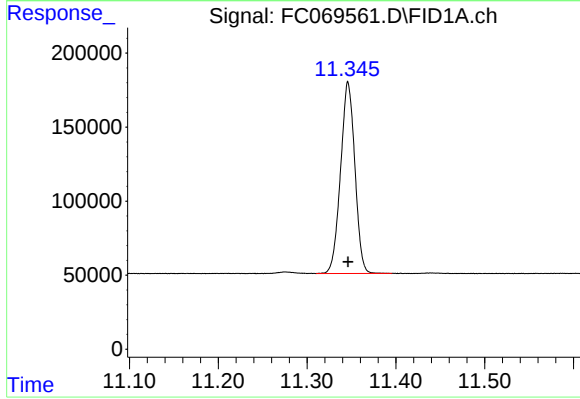
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 1433466
Conc: 10.23 ug/ml



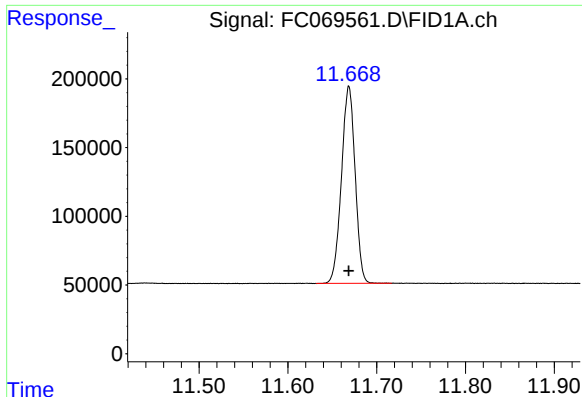
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.000 min
Response: 1464276
Conc: 10.36 ug/ml



#8 n-Octadecane (C18)

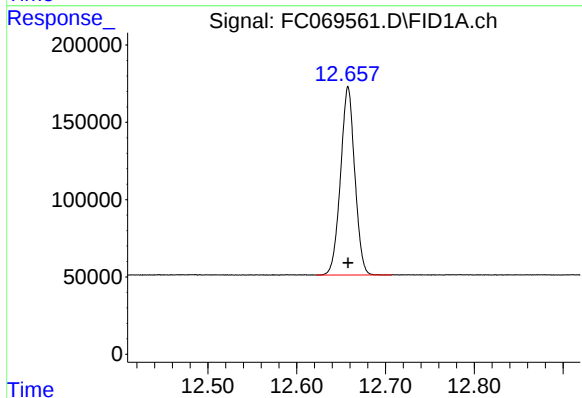
R.T.: 11.346 min
Delta R.T.: 0.000 min
Response: 1447437
Conc: 10.46 ug/ml



#9 ortho-Terphenyl (SURR)

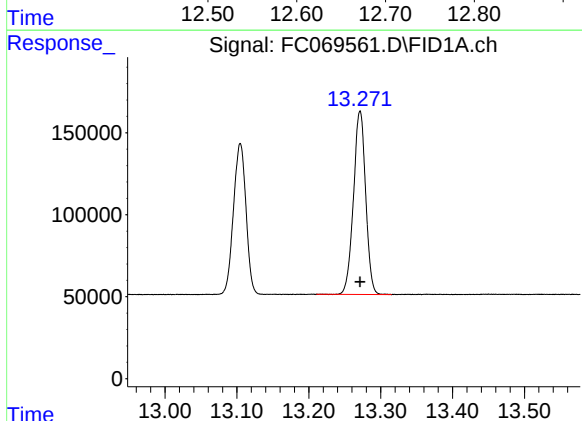
R.T.: 11.669 min
Delta R.T.: 0.000 min
Response: 1534923
Conc: 10.50 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



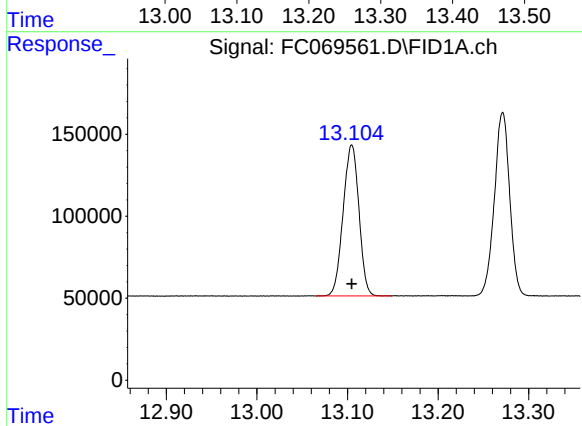
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 1356080
Conc: 10.53 ug/ml



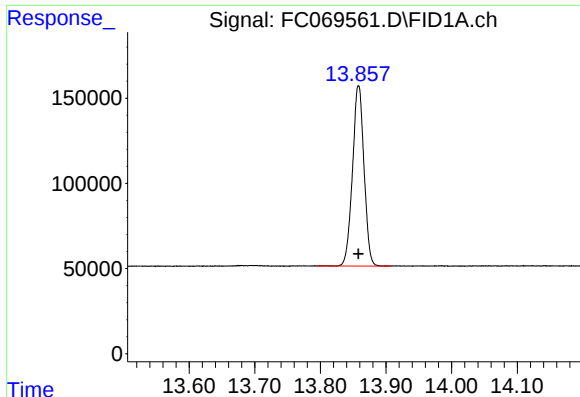
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.000 min
Response: 1316459
Conc: 10.55 ug/ml



#12 1-chlorooctadecane (SURR)

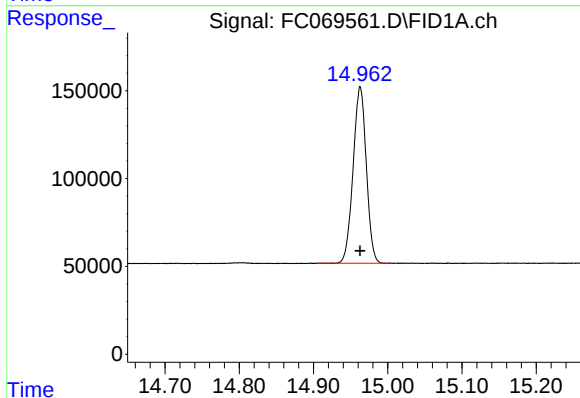
R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 1117333
Conc: 10.42 ug/ml



#13 n-Docosane (C22)

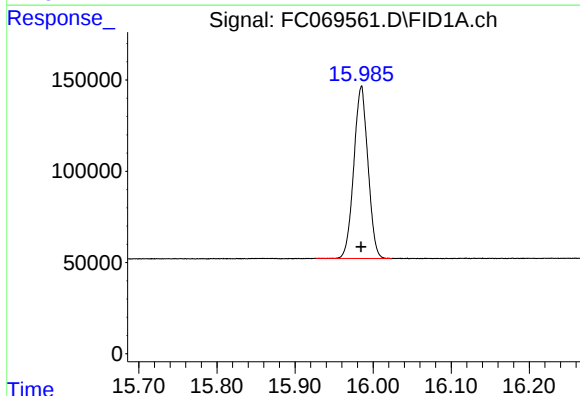
R.T.: 13.858 min
Delta R.T.: 0.000 min
Response: 1289069
Conc: 10.54 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



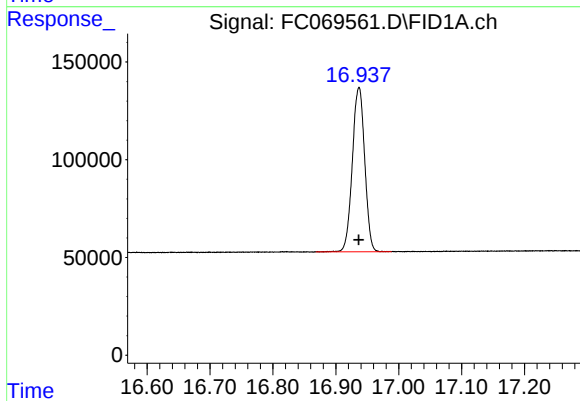
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: 0.000 min
Response: 1243261
Conc: 10.53 ug/ml



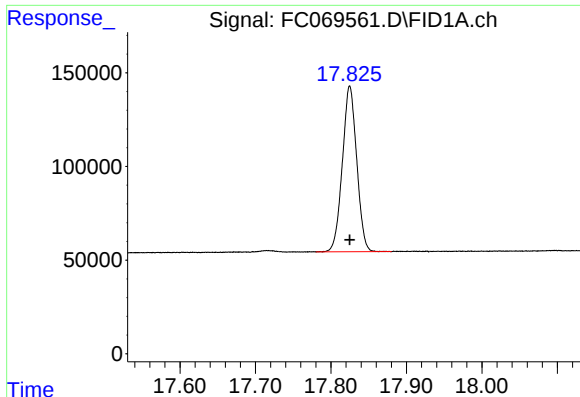
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.000 min
Response: 1187475
Conc: 10.51 ug/ml



#16 n-Octacosane (C28)

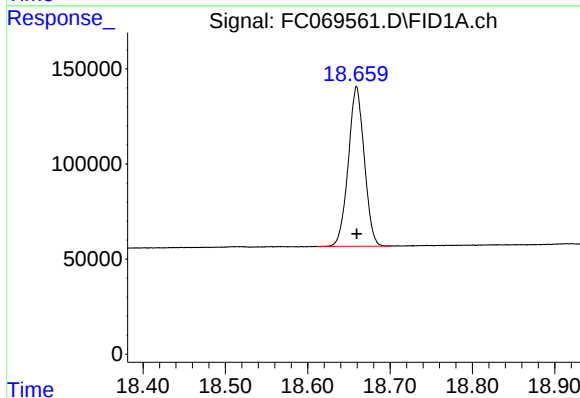
R.T.: 16.937 min
Delta R.T.: 0.000 min
Response: 1148200
Conc: 10.56 ug/ml



#17 n-Tricontane (C30)

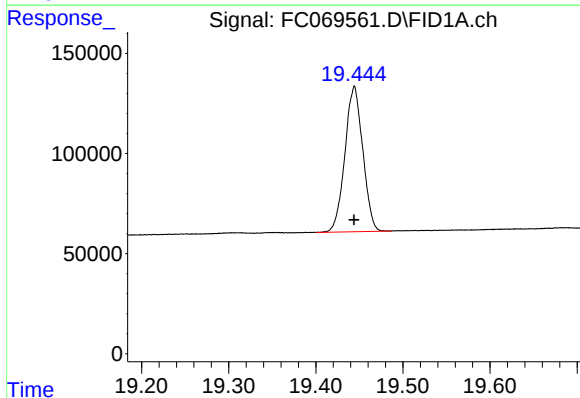
R.T.: 17.825 min
Delta R.T.: 0.000 min
Response: 1169356
Conc: 10.68 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



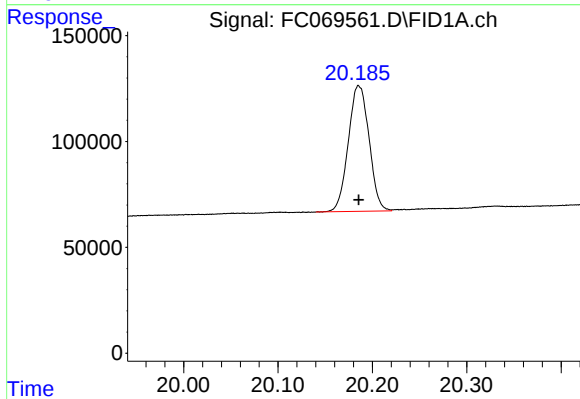
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: 0.000 min
Response: 1129813
Conc: 10.72 ug/ml



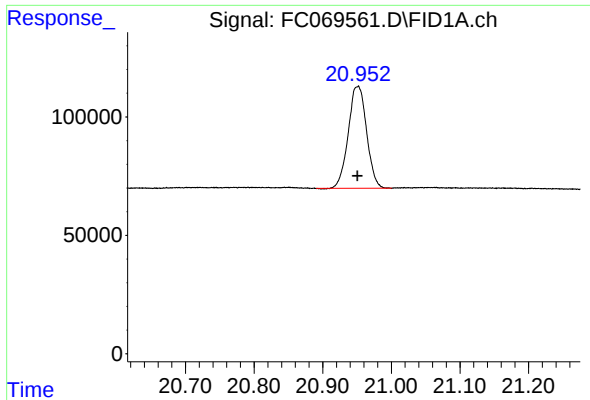
#19 n-Tetratriacontane (C34)

R.T.: 19.444 min
Delta R.T.: 0.000 min
Response: 1035291
Conc: 10.67 ug/ml



#20 n-Hexatriacontane (C36)

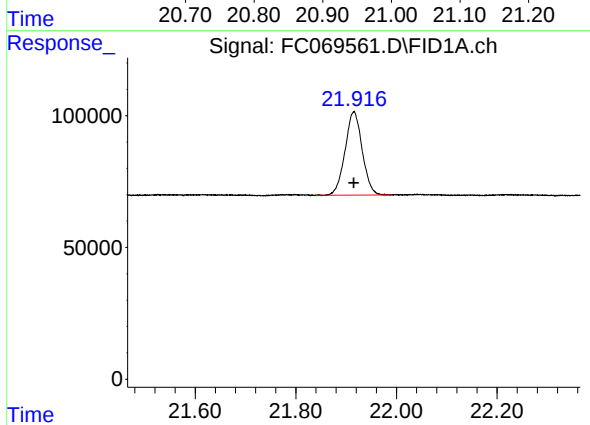
R.T.: 20.186 min
Delta R.T.: 0.000 min
Response: 908236
Conc: 10.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.951 min
Delta R.T.: 0.000 min
Response: 799482
Conc: 10.31 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: 0.000 min
Response: 749275
Conc: 10.23 ug/ml