

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092425AL\
 Data File : FE055966.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2025 11:08
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 24 12:55:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:54:57 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)	12.070	1013713	5.402 ug/ml
Spiked Amount 50.000		Recovery =	10.80%
12) S 1-chlorooctadecane (S...	13.507	745262	5.340 ug/ml
Spiked Amount 50.000		Recovery =	10.68%
Target Compounds			
1) T n-Nonane (C9)	3.408	693246	5.060 ug/ml
2) T n-Decane (C10)	4.667	706292	5.061 ug/ml
3) T A~Naphthalene (C11.7)	6.388	790843	4.953 ug/ml
4) T n-Dodecane (C12)	6.843	724977	5.051 ug/ml
5) T A~2-methylnaphthalene...	7.489	768994	4.945 ug/ml
6) T n-Tetradecane (C14)	8.679	757520	5.124 ug/ml
7) T n-Hexadecane (C16)	10.294	823386	5.182 ug/ml
8) T n-Octadecane (C18)	11.744	903131	5.332 ug/ml
10) T n-Eicosane (C20)	13.059	895641	5.403 ug/ml
11) T n-Heneicosane (C21)	13.673	885060	5.447 ug/ml
13) T n-Docosane (C22)	14.262	874093	5.470 ug/ml
14) T n-Tetracosane (C24)	15.369	839256	5.508 ug/ml
15) T n-Hexacosane (C26)	16.393	781387	5.478 ug/ml
16) T n-Octacosane (C28)	17.345	788239	5.658 ug/ml
17) T n-Tricontane (C30)	18.235	889830	6.005 ug/ml
18) T n-Dotriacontane (C32)	19.070	910224	6.101 ug/ml
19) T n-Tetratriacontane (C34)	19.855	831525	5.879 ug/ml
20) T n-Hexatriacontane (C36)	20.596	709931	5.530 ug/ml
21) T n-Octatriacontane (C38)	21.372	745994	5.680 ug/ml
22) T n-Tetracontane (C40)	22.356	657258	5.525 ug/ml

(f)=RT Delta > 1/2 Window

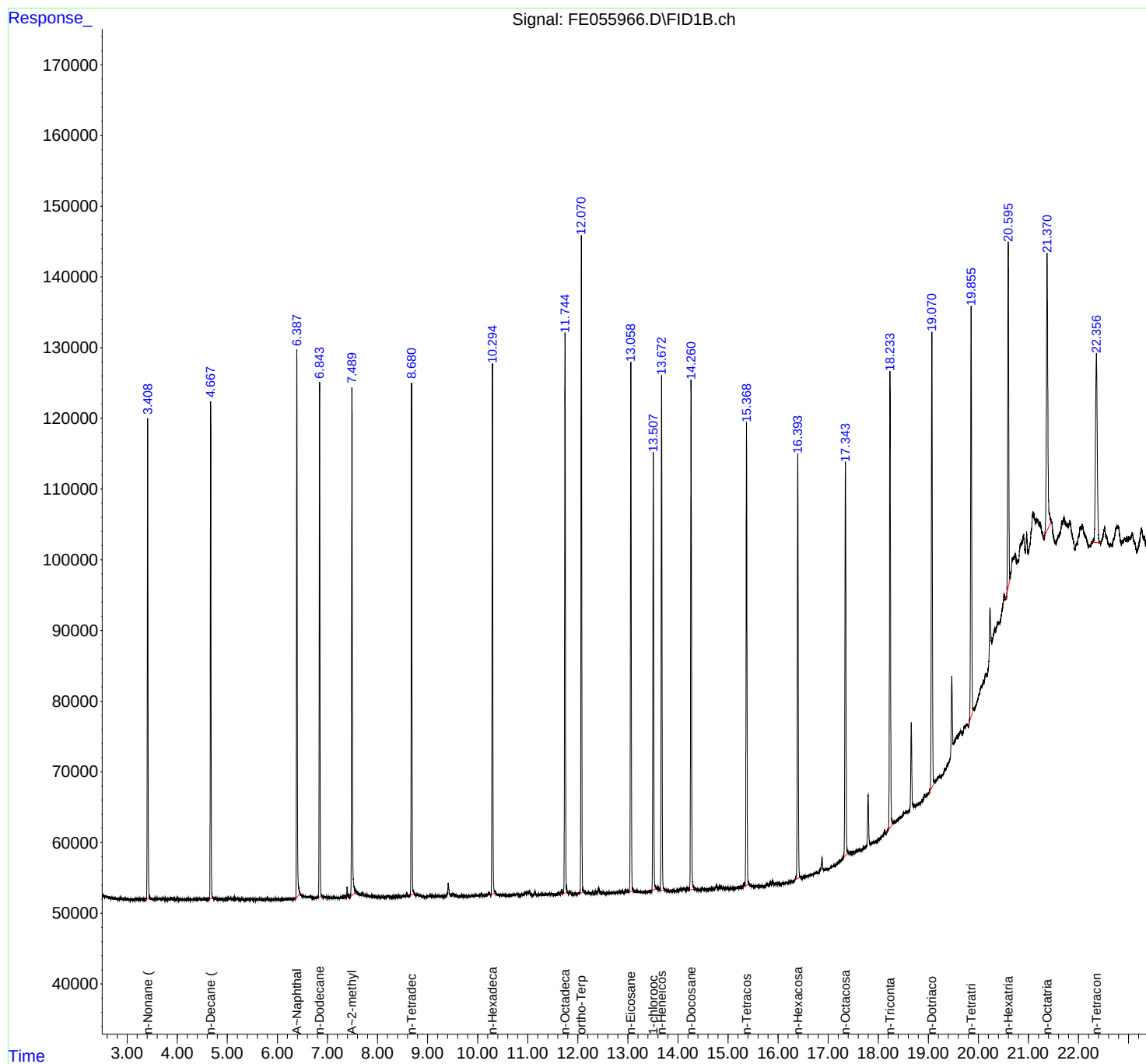
(m)=manual int.

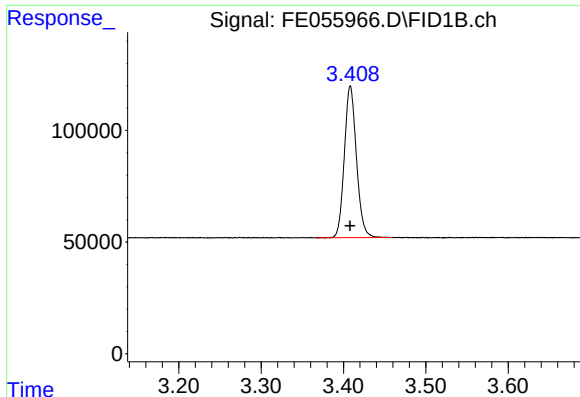
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092425AL\
Data File : FE055966.D
Signal(s) : FID1B.ch
Acq On : 24 Sep 2025 11:08
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Sep 24 12:55:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 12:54:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

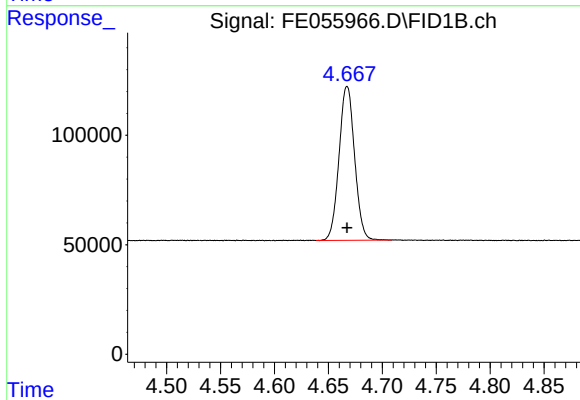




#1 n-Nonane (C9)

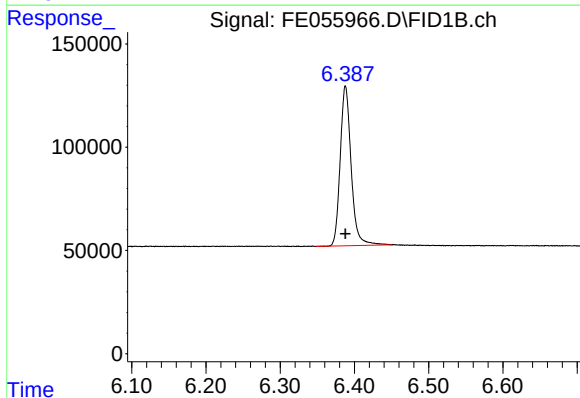
R.T.: 3.408 min
Delta R.T.: 0.000 min
Response: 693246
Conc: 5.06 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



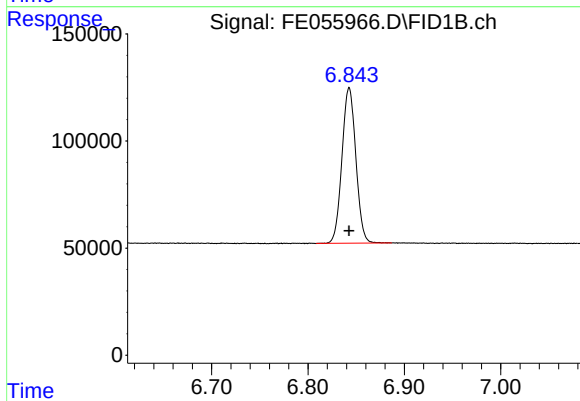
#2 n-Decane (C10)

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 706292
Conc: 5.06 ug/ml



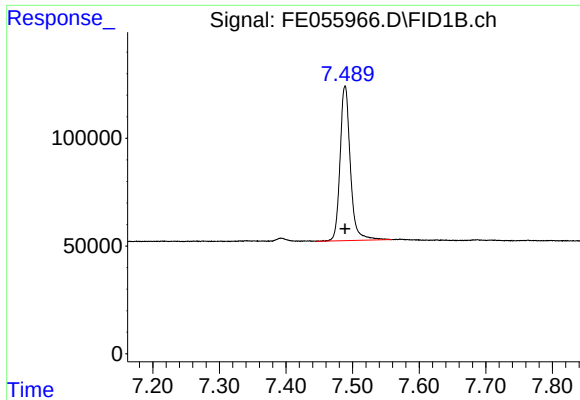
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 790843
Conc: 4.95 ug/ml



#4 n-Dodecane (C12)

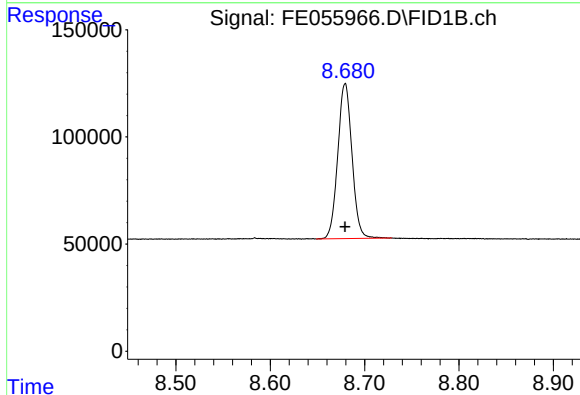
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 724977
Conc: 5.05 ug/ml



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

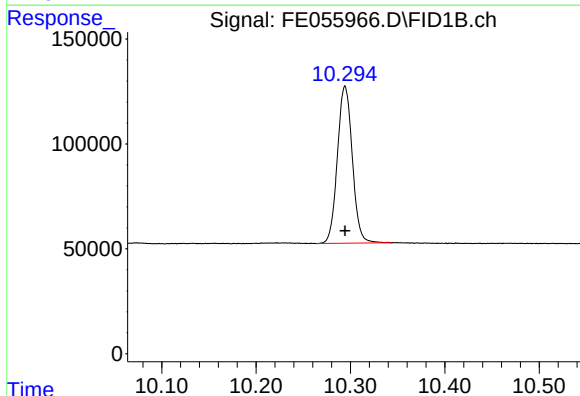
R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 768994
Conc: 4.94 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



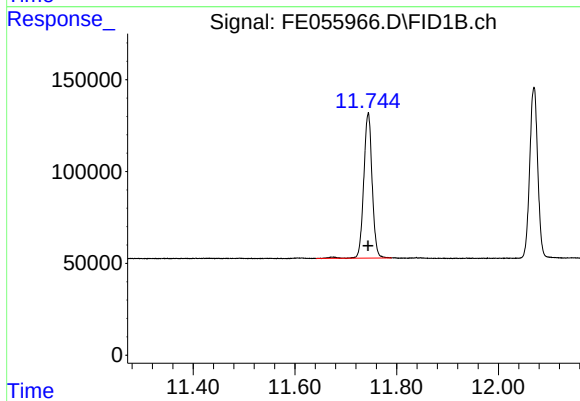
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 757520
Conc: 5.12 ug/ml



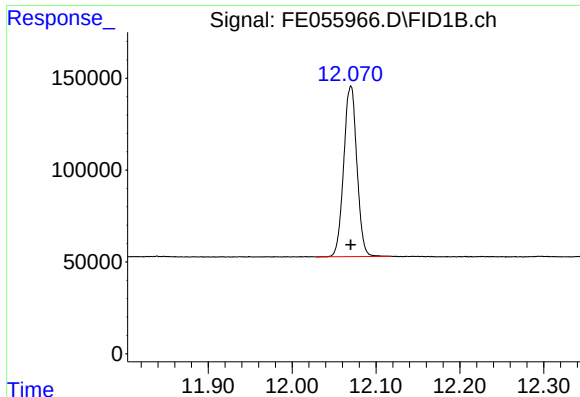
#7 n-Hexadecane (C16)

R.T.: 10.294 min
Delta R.T.: 0.000 min
Response: 823386
Conc: 5.18 ug/ml



#8 n-Octadecane (C18)

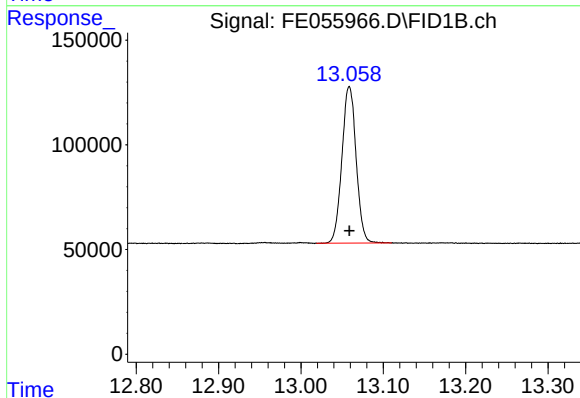
R.T.: 11.744 min
Delta R.T.: 0.000 min
Response: 903131
Conc: 5.33 ug/ml



#9 ortho-Terphenyl (SURR)

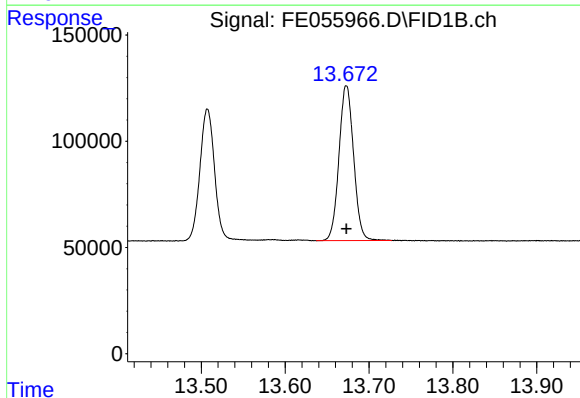
R.T.: 12.070 min
Delta R.T.: 0.000 min
Response: 1013713
Conc: 5.40 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



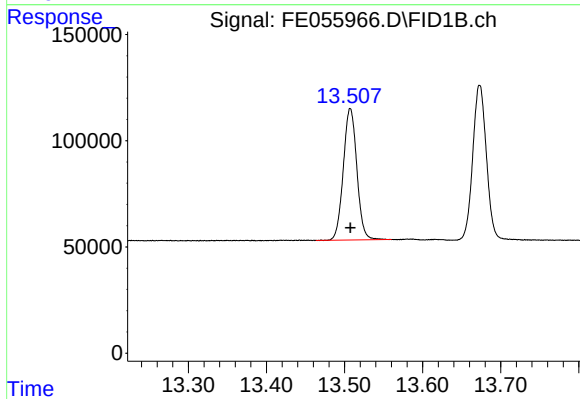
#10 n-Eicosane (C20)

R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 895641
Conc: 5.40 ug/ml



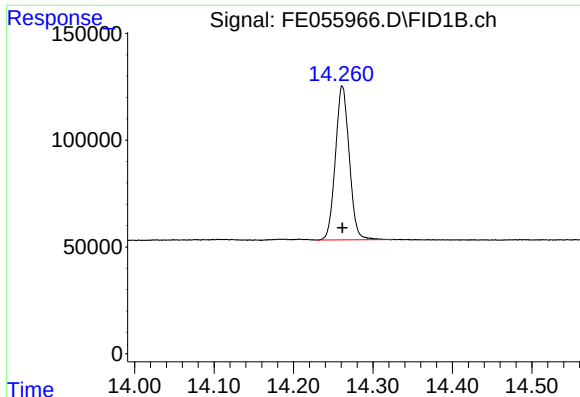
#11 n-Heneicosane (C21)

R.T.: 13.673 min
Delta R.T.: 0.000 min
Response: 885060
Conc: 5.45 ug/ml



#12 1-chlorooctadecane (SURR)

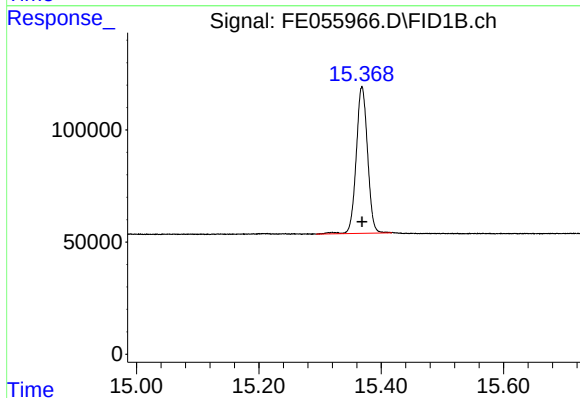
R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 745262
Conc: 5.34 ug/ml



#13 n-Docosane (C22)

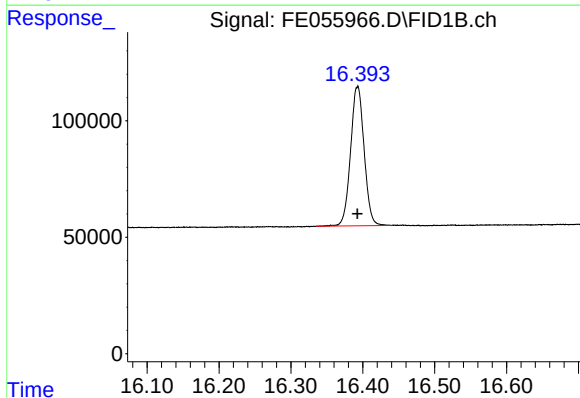
R.T.: 14.262 min
Delta R.T.: 0.000 min
Response: 874093
Conc: 5.47 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



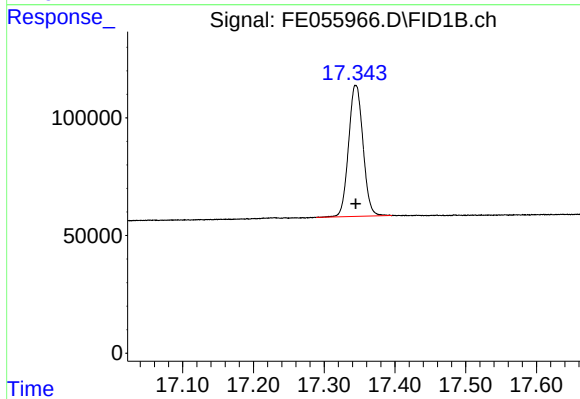
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: 0.000 min
Response: 839256
Conc: 5.51 ug/ml



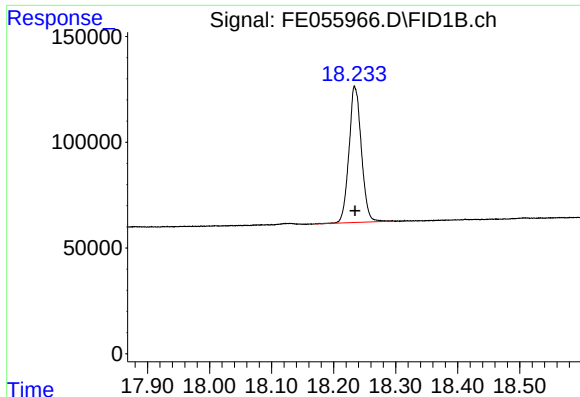
#15 n-Hexacosane (C26)

R.T.: 16.393 min
Delta R.T.: 0.000 min
Response: 781387
Conc: 5.48 ug/ml



#16 n-Octacosane (C28)

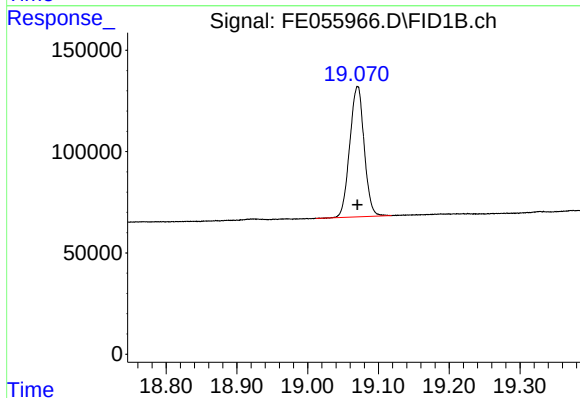
R.T.: 17.345 min
Delta R.T.: 0.000 min
Response: 788239
Conc: 5.66 ug/ml



#17 n-Tricontane (C30)

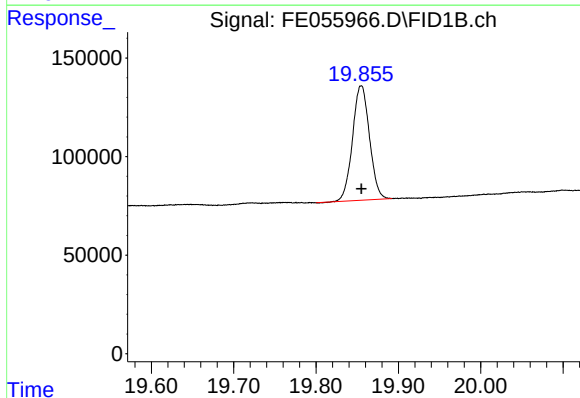
R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 889830
Conc: 6.01 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



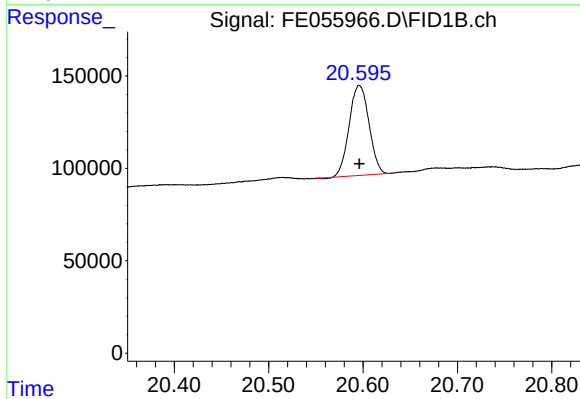
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.000 min
Response: 910224
Conc: 6.10 ug/ml



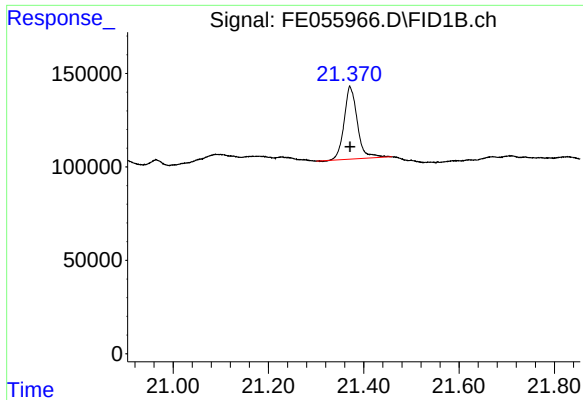
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min
Delta R.T.: 0.000 min
Response: 831525
Conc: 5.88 ug/ml



#20 n-Hexatriacontane (C36)

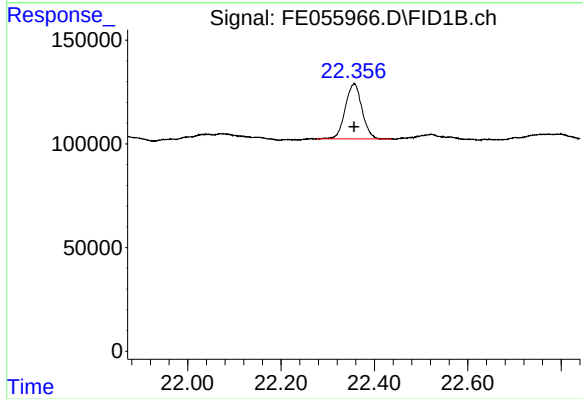
R.T.: 20.596 min
Delta R.T.: 0.000 min
Response: 709931
Conc: 5.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.372 min
Delta R.T.: 0.000 min
Response: 745994
Conc: 5.68 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.356 min
Delta R.T.: 0.000 min
Response: 657258
Conc: 5.52 ug/ml