

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051937.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 15:11
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 16 15:34:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 15:34:18 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)	12.183	1571297	11.061 ug/ml
Spiked Amount 50.000		Recovery =	22.12%
12) S 1-chlorooctadecane (S...	13.606	1266075	11.130 ug/ml
Spiked Amount 50.000		Recovery =	22.26%
Target Compounds			
1) T n-Nonane (C9)	3.615	1169611	11.051 ug/ml
2) T n-Decane (C10)	4.851	1200716	11.033 ug/ml
3) T A~Naphthalene (C11.7)	6.554	1331181	11.010 ug/ml
4) T n-Dodecane (C12)	6.995	1234275	10.983 ug/ml
5) T A~2-methylnaphthalene...	7.641	1299684	10.901 ug/ml
6) T n-Tetradecane (C14)	8.813	1269290	10.935 ug/ml
7) T n-Hexadecane (C16)	10.414	1380055	10.990 ug/ml
8) T n-Octadecane (C18)	11.853	1454258	11.066 ug/ml
10) T n-Eicosane (C20)	13.160	1449146	11.149 ug/ml
11) T n-Heneicosane (C21)	13.770	1439669	11.153 ug/ml
13) T n-Docosane (C22)	14.355	1454866	11.187 ug/ml
14) T n-Tetracosane (C24)	15.455	1475347	11.224 ug/ml
15) T n-Hexacosane (C26)	16.473	1469535	11.257 ug/ml
16) T n-Octacosane (C28)	17.421	1470091	11.367 ug/ml
17) T n-Tricontane (C30)	18.308	1513971	11.494 ug/ml
18) T n-Dotriacontane (C32)	19.137	1452075	11.552 ug/ml
19) T n-Tetratriacontane (C34)	19.919	1250460	11.521 ug/ml
20) T n-Hexatriacontane (C36)	20.657	1062364	11.523 ug/ml
21) T n-Octatriacontane (C38)	21.448	949160	11.243 ug/ml
22) T n-Tetracontane (C40)	22.461	922101	11.329 ug/ml

(f)=RT Delta > 1/2 Window

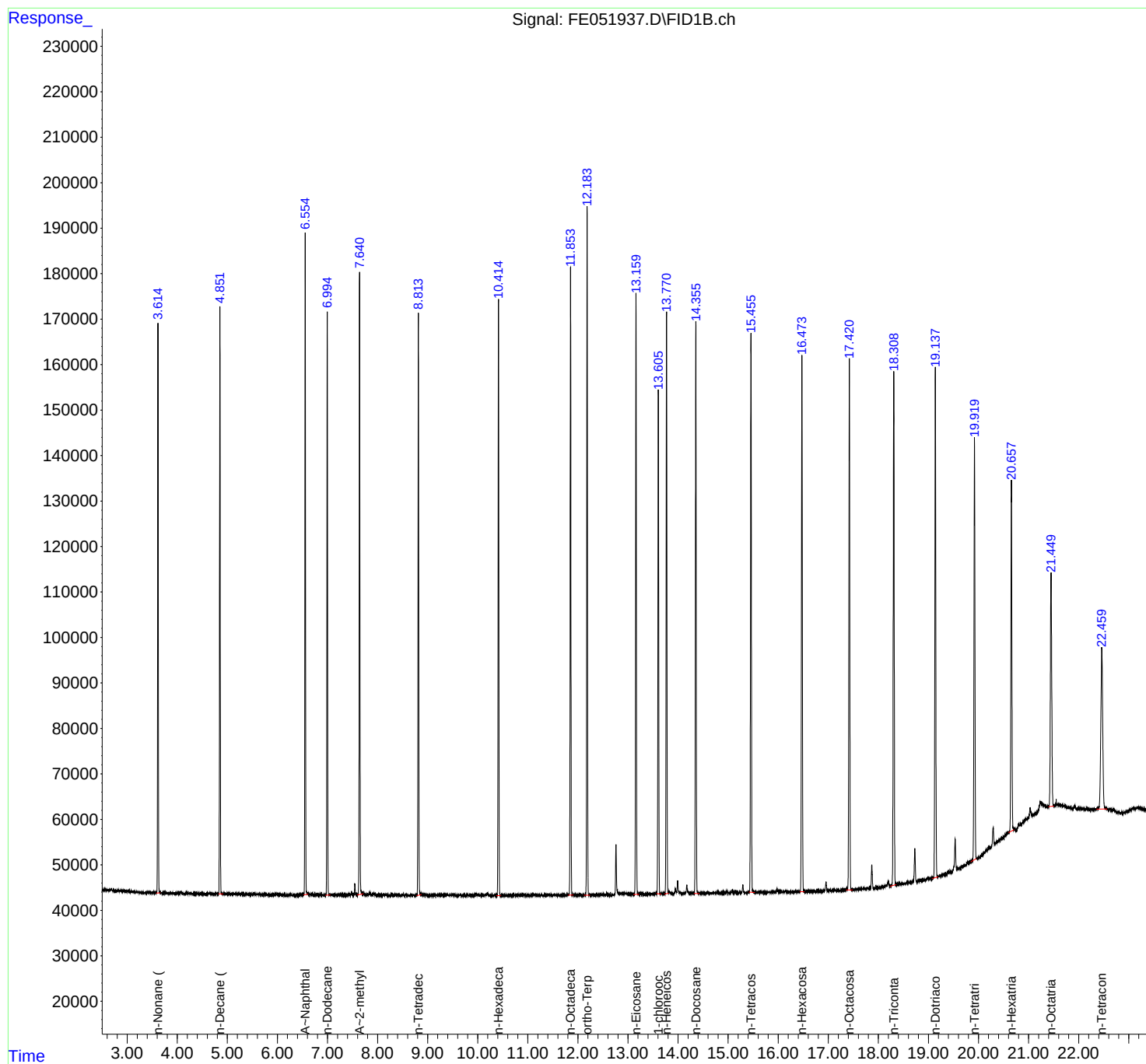
(m)=manual int.

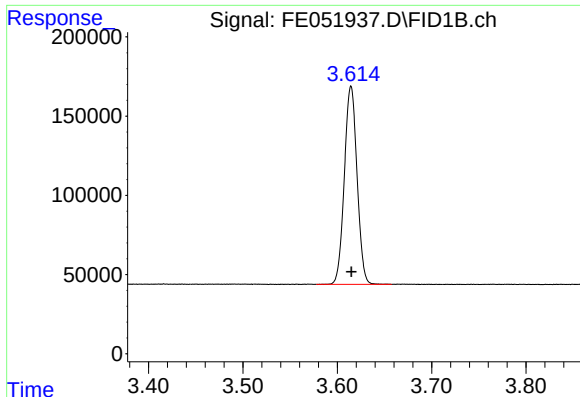
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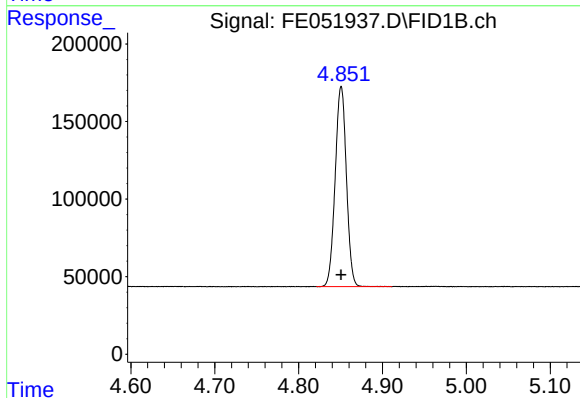




#1 n-Nonane (C9)

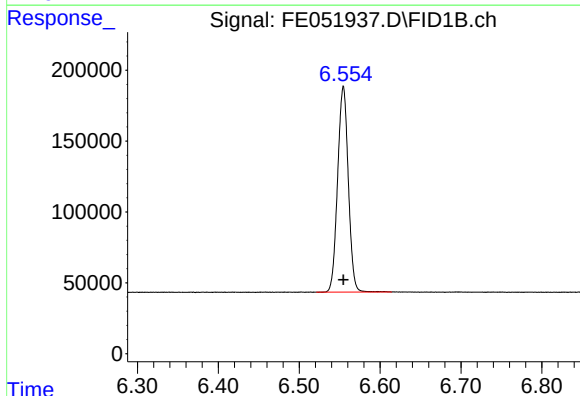
R.T.: 3.615 min
Delta R.T.: 0.000 min
Response: 1169611
Conc: 11.05 ug/ml

Instrument :
FID_E
ClientSampleId :



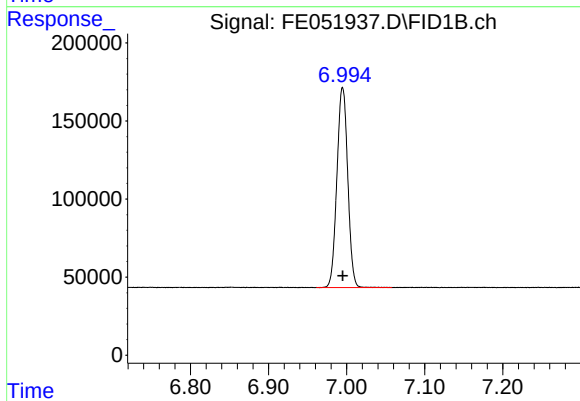
#2 n-Decane (C10)

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 1200716
Conc: 11.03 ug/ml



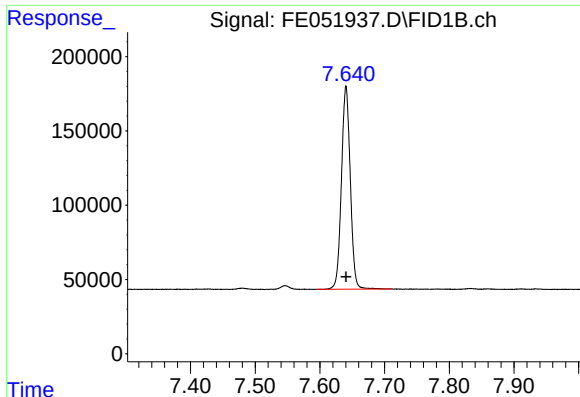
#3 A~Naphthalene (C11.7)

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 1331181
Conc: 11.01 ug/ml



#4 n-Dodecane (C12)

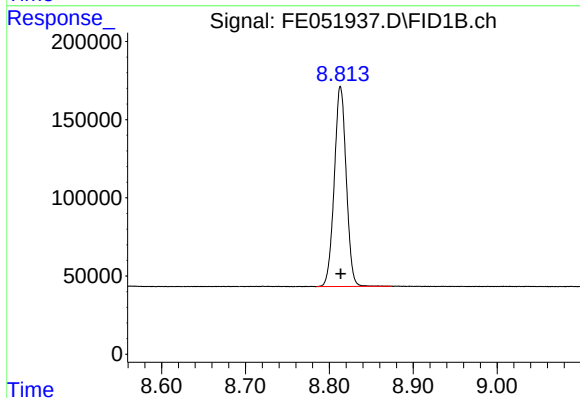
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 1234275
Conc: 10.98 ug/ml



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

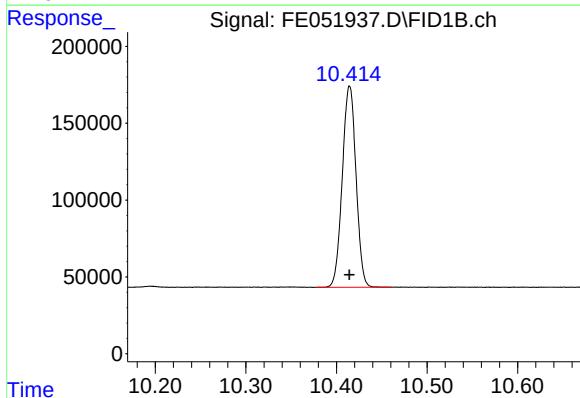
R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 1299684
Conc: 10.90 ug/ml

Instrument :
FID_E
ClientSampleId :



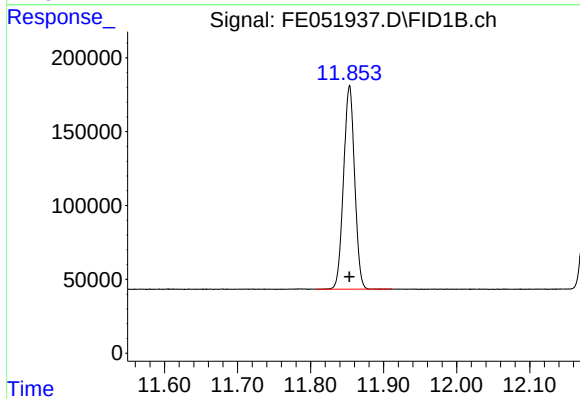
#6 n-Tetradecane (C14)

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 1269290
Conc: 10.94 ug/ml



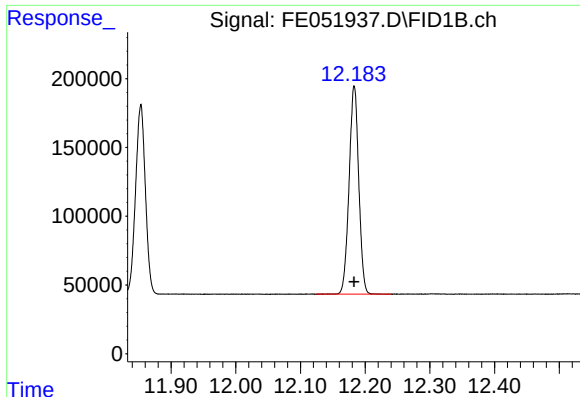
#7 n-Hexadecane (C16)

R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 1380055
Conc: 10.99 ug/ml



#8 n-Octadecane (C18)

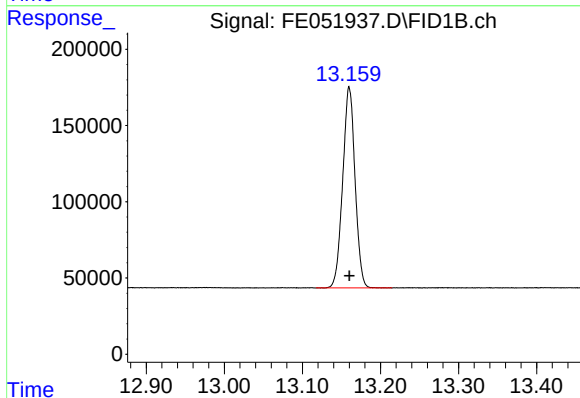
R.T.: 11.853 min
Delta R.T.: 0.000 min
Response: 1454258
Conc: 11.07 ug/ml



#9 ortho-Terphenyl (SURR)

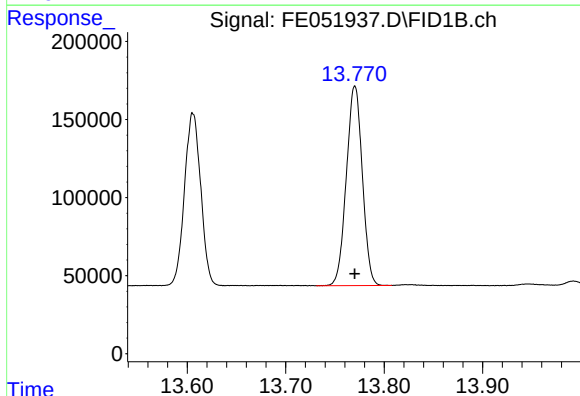
R.T.: 12.183 min
Delta R.T.: 0.000 min
Response: 1571297
Conc: 11.06 ug/ml

Instrument :
FID_E
ClientSampleId :



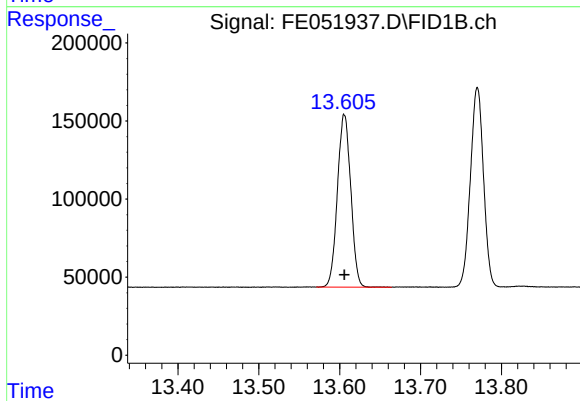
#10 n-Eicosane (C20)

R.T.: 13.160 min
Delta R.T.: 0.000 min
Response: 1449146
Conc: 11.15 ug/ml



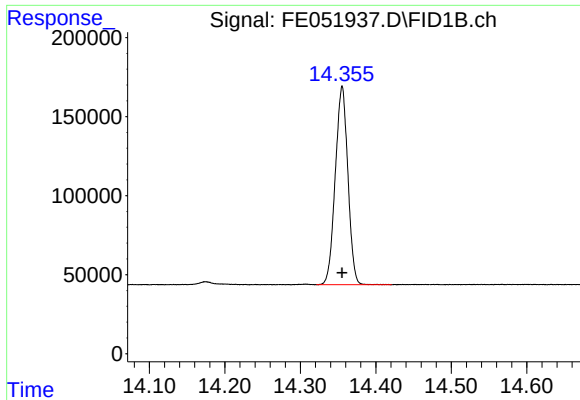
#11 n-Heneicosane (C21)

R.T.: 13.770 min
Delta R.T.: 0.000 min
Response: 1439669
Conc: 11.15 ug/ml



#12 1-chlorooctadecane (SURR)

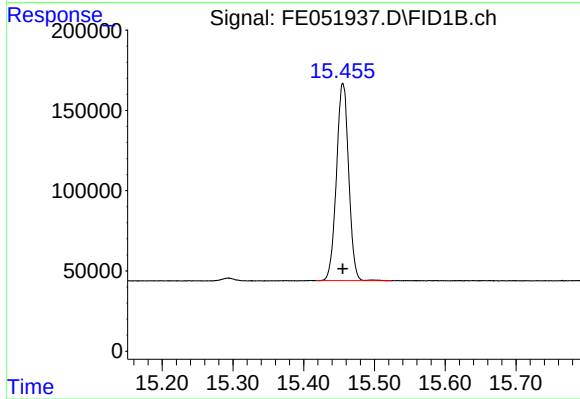
R.T.: 13.606 min
Delta R.T.: 0.000 min
Response: 1266075
Conc: 11.13 ug/ml



#13 n-Docosane (C22)

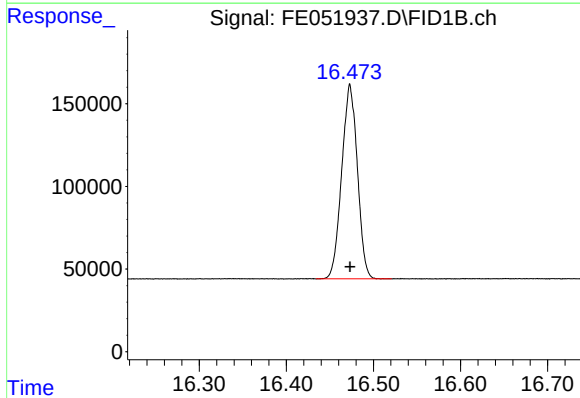
R.T.: 14.355 min
Delta R.T.: 0.000 min
Response: 1454866
Conc: 11.19 ug/ml

Instrument :
FID_E
ClientSampleId :



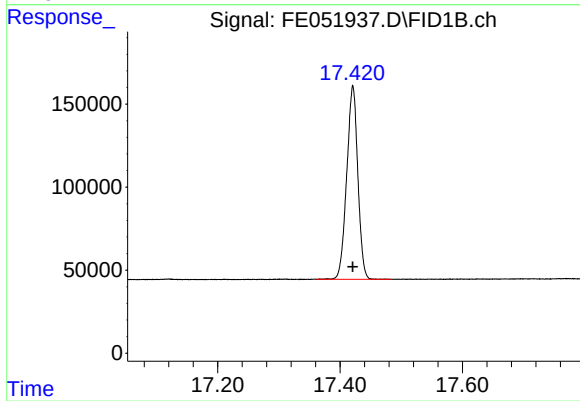
#14 n-Tetracosane (C24)

R.T.: 15.455 min
Delta R.T.: 0.000 min
Response: 1475347
Conc: 11.22 ug/ml



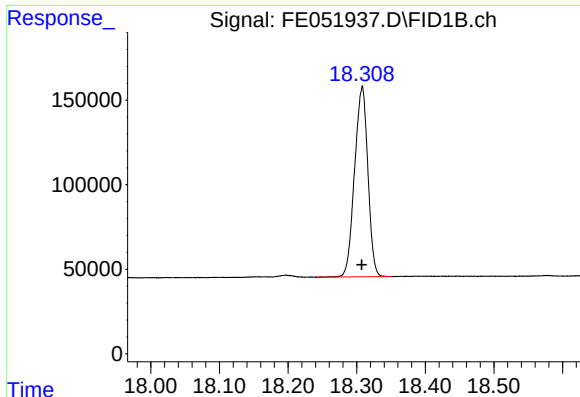
#15 n-Hexacosane (C26)

R.T.: 16.473 min
Delta R.T.: 0.000 min
Response: 1469535
Conc: 11.26 ug/ml



#16 n-Octacosane (C28)

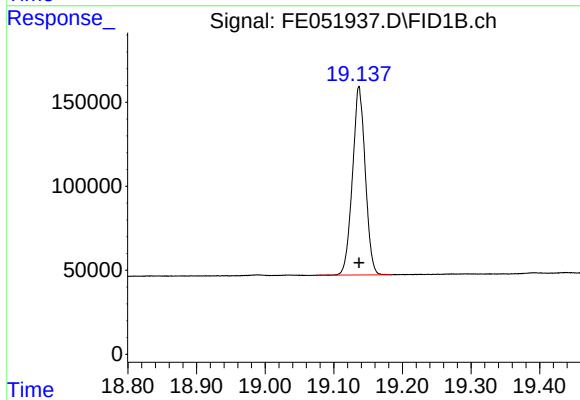
R.T.: 17.421 min
Delta R.T.: 0.000 min
Response: 1470091
Conc: 11.37 ug/ml



#17 n-Tricontane (C30)

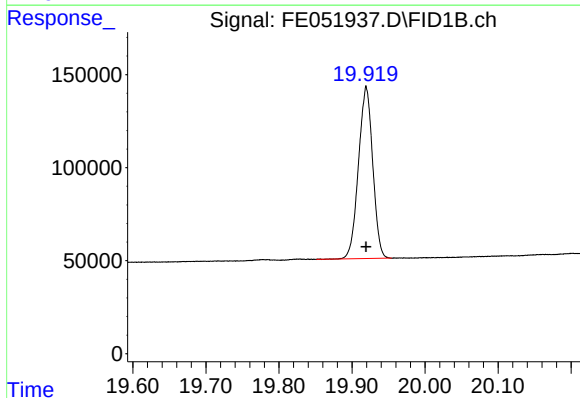
R.T.: 18.308 min
Delta R.T.: 0.000 min
Response: 1513971
Conc: 11.49 ug/ml

Instrument :
FID_E
ClientSampleId :



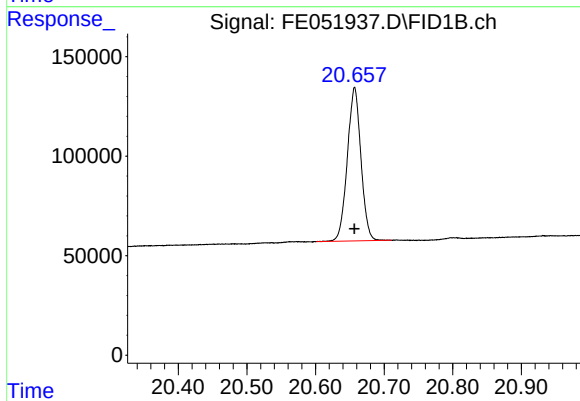
#18 n-Dotriacontane (C32)

R.T.: 19.137 min
Delta R.T.: 0.000 min
Response: 1452075
Conc: 11.55 ug/ml



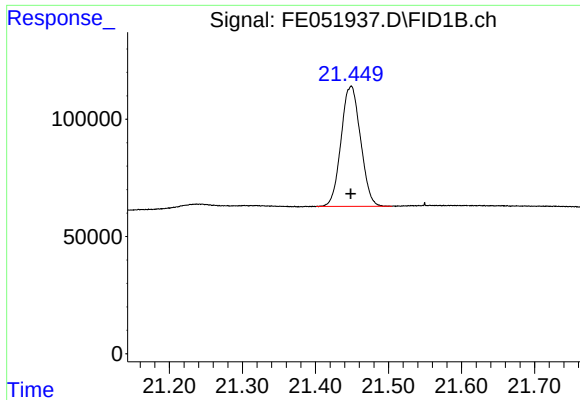
#19 n-Tetratriacontane (C34)

R.T.: 19.919 min
Delta R.T.: 0.000 min
Response: 1250460
Conc: 11.52 ug/ml



#20 n-Hexatriacontane (C36)

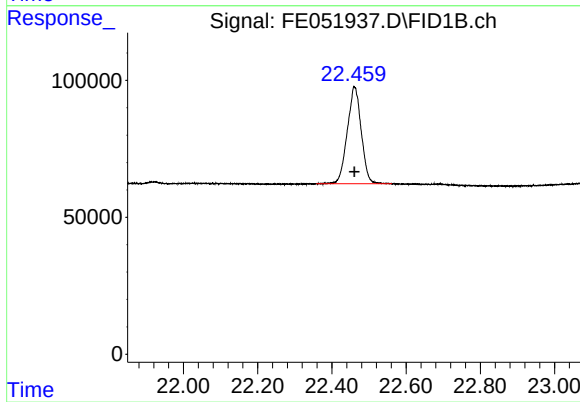
R.T.: 20.657 min
Delta R.T.: 0.000 min
Response: 1062364
Conc: 11.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.448 min
Delta R.T.: 0.000 min
Response: 949160
Conc: 11.24 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.461 min
Delta R.T.: 0.000 min
Response: 922101
Conc: 11.33 ug/ml