

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
 Data File : FE049978.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 16:16
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 16:47:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 16:47:41 2024
 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)	11.877	1529745	10.505 ug/ml
Spiked Amount 50.000		Recovery =	21.01%
12) S 1-chlorooctadecane (S...	13.312	1138596	10.302 ug/ml
Spiked Amount 50.000		Recovery =	20.60%
Target Compounds			
1) T n-Nonane (C9)	3.266	1379517	10.384 ug/ml
2) T n-Decane (C10)	4.516	1405573	10.387 ug/ml
3) T A~Naphthalene (C11.7)	6.226	1397049	10.021 ug/ml
4) T n-Dodecane (C12)	6.684	1408364	10.368 ug/ml
5) T A~2-methylnaphthalene...	7.322	1305462	9.957 ug/ml
6) T n-Tetradecane (C14)	8.510	1386403	10.383 ug/ml
7) T n-Hexadecane (C16)	10.117	1419476	10.391 ug/ml
8) T n-Octadecane (C18)	11.558	1437108	10.460 ug/ml
10) T n-Eicosane (C20)	12.867	1380445	10.508 ug/ml
11) T n-Heneicosane (C21)	13.477	1347634	10.465 ug/ml
13) T n-Docosane (C22)	14.063	1337969	10.484 ug/ml
14) T n-Tetracosane (C24)	15.165	1339222	10.519 ug/ml
15) T n-Hexacosane (C26)	16.184	1313673	10.485 ug/ml
16) T n-Octacosane (C28)	17.132	1320844	10.529 ug/ml
17) T n-Tricontane (C30)	18.021	1381343	10.650 ug/ml
18) T n-Dotriacontane (C32)	18.852	1375776	10.681 ug/ml
19) T n-Tetratriacontane (C34)	19.635	1269997	10.621 ug/ml
20) T n-Hexatriacontane (C36)	20.375	1131419	10.502 ug/ml
21) T n-Octatriacontane (C38)	21.101	1126344	10.467 ug/ml
22) T n-Tetracontane (C40)	21.992	1129689	10.592 ug/ml

(f)=RT Delta > 1/2 Window

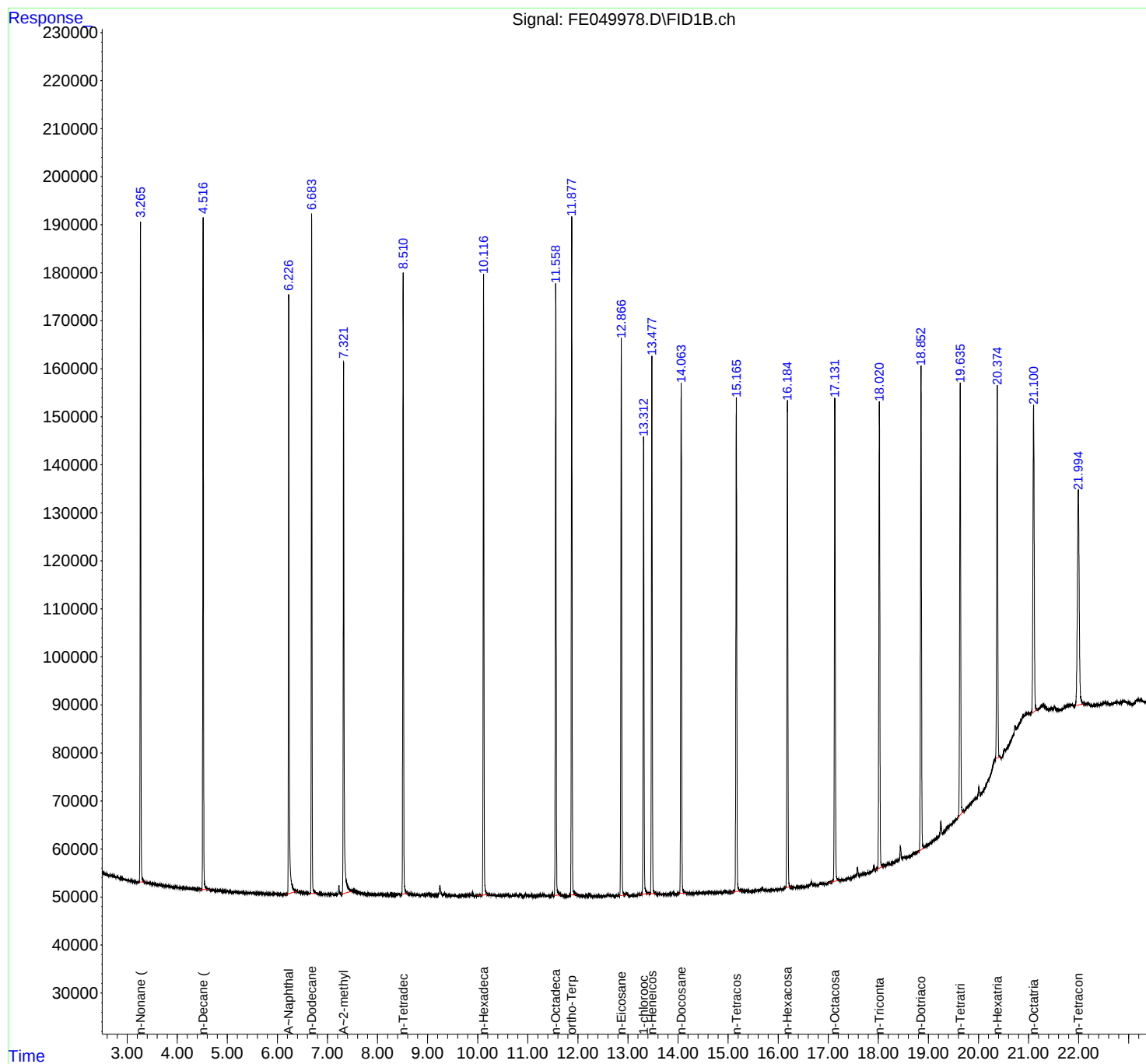
(m)=manual int.

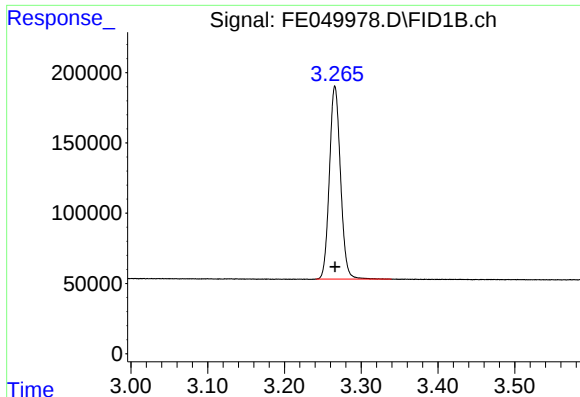
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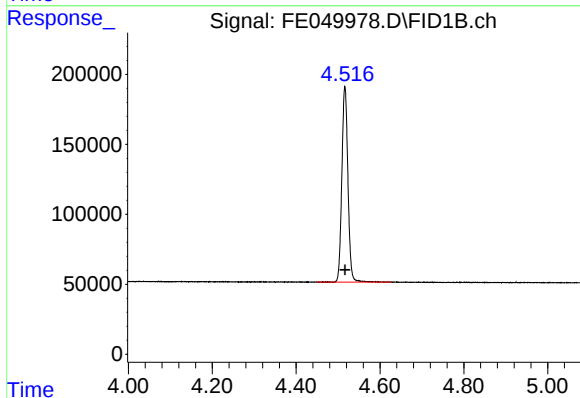




#1 n-Nonane (C9)

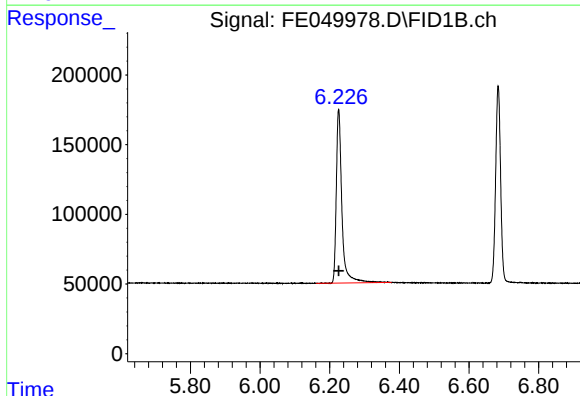
R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 1379517
Conc: 10.38 ug/ml

Instrument :
FID_E
ClientSampleId :



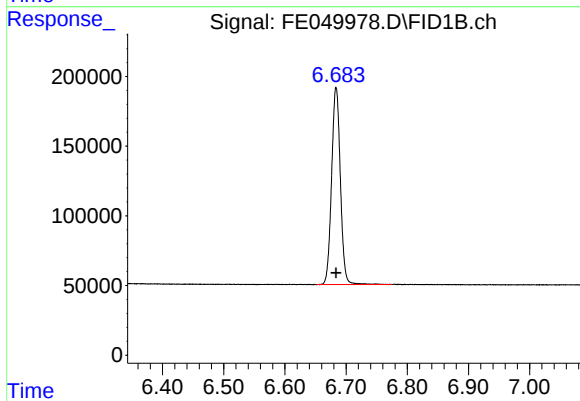
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 1405573
Conc: 10.39 ug/ml



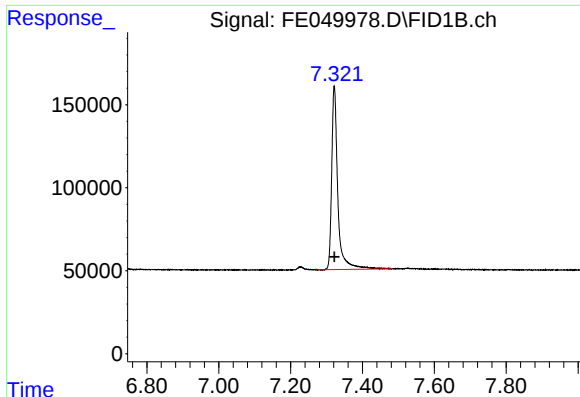
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 1397049
Conc: 10.02 ug/ml



#4 n-Dodecane (C12)

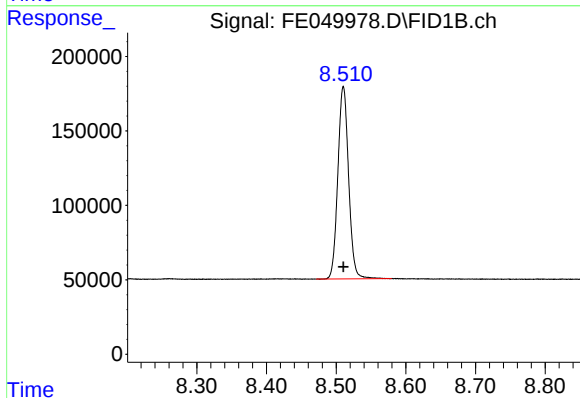
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 1408364
Conc: 10.37 ug/ml



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

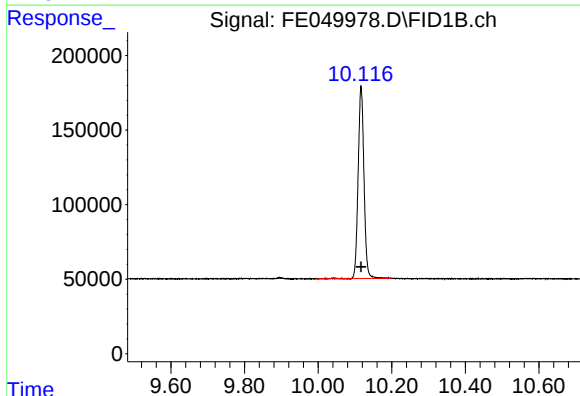
R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 1305462
Conc: 9.96 ug/ml

Instrument :
FID_E
ClientSampleId :



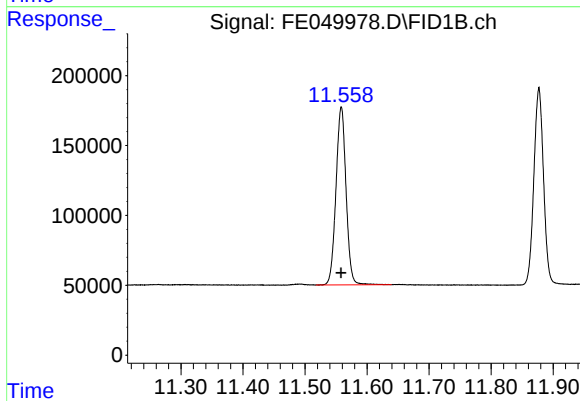
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 1386403
Conc: 10.38 ug/ml



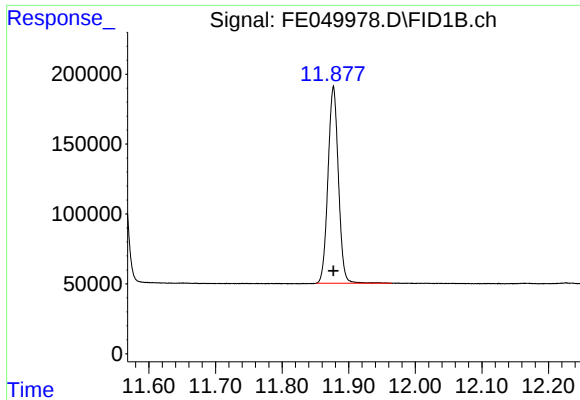
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 1419476
Conc: 10.39 ug/ml



#8 n-Octadecane (C18)

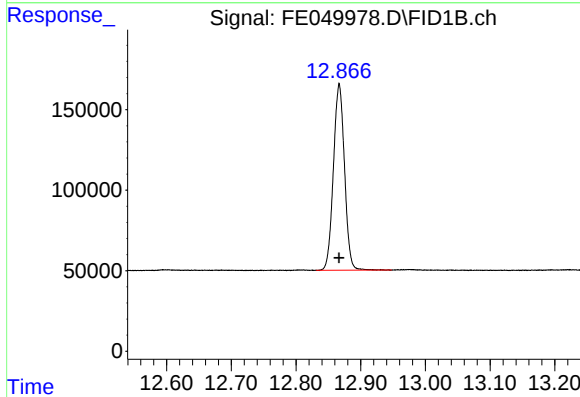
R.T.: 11.558 min
Delta R.T.: 0.000 min
Response: 1437108
Conc: 10.46 ug/ml



#9 ortho-Terphenyl (SURR)

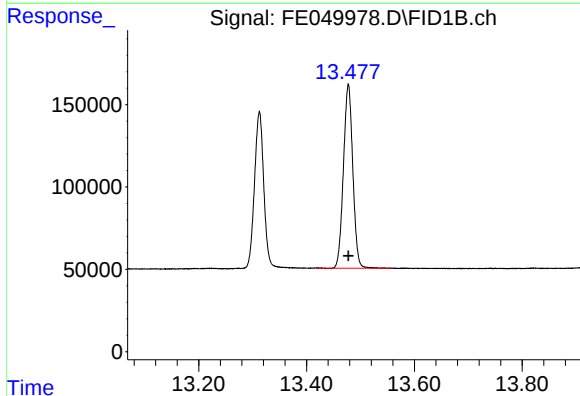
R.T.: 11.877 min
Delta R.T.: 0.000 min
Response: 1529745
Conc: 10.50 ug/ml

Instrument :
FID_E
ClientSampleId :



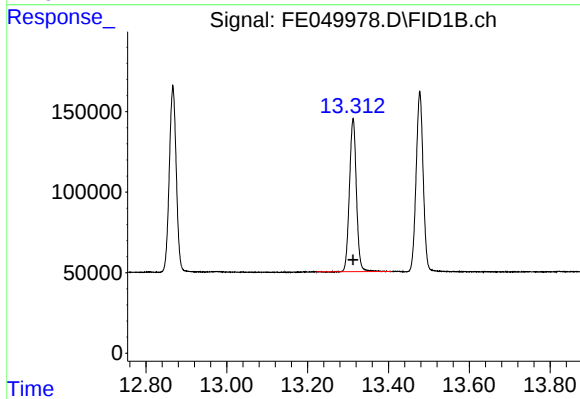
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 1380445
Conc: 10.51 ug/ml



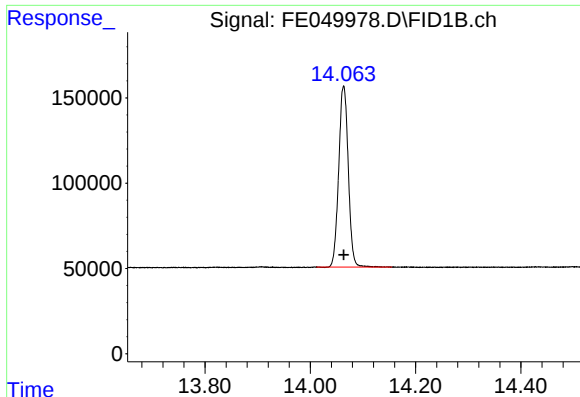
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: 0.000 min
Response: 1347634
Conc: 10.47 ug/ml



#12 1-chlorooctadecane (SURR)

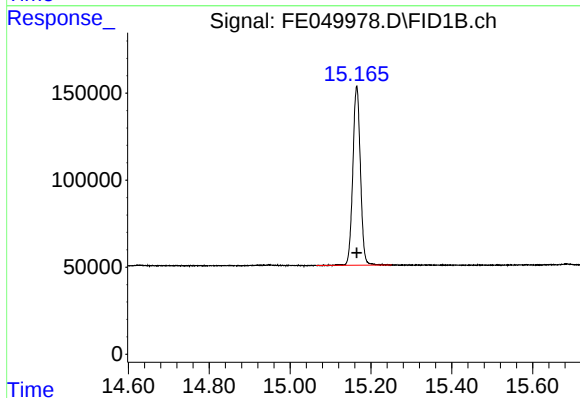
R.T.: 13.312 min
Delta R.T.: 0.000 min
Response: 1138596
Conc: 10.30 ug/ml



#13 n-Docosane (C22)

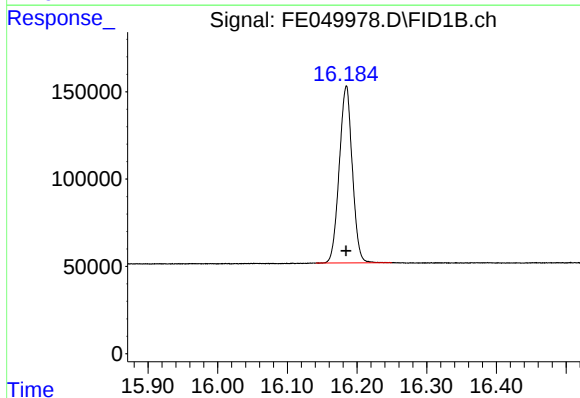
R.T.: 14.063 min
Delta R.T.: 0.000 min
Response: 1337969
Conc: 10.48 ug/ml

Instrument :
FID_E
ClientSampleId :



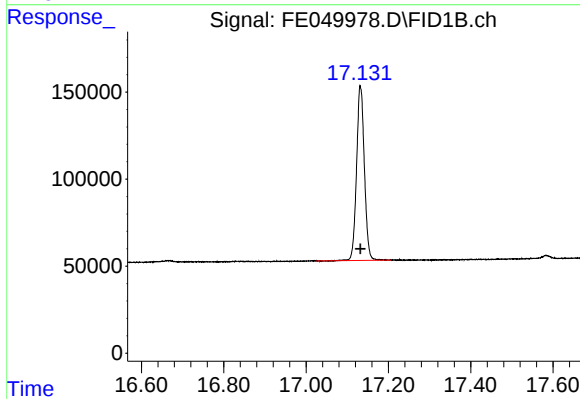
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: 0.000 min
Response: 1339222
Conc: 10.52 ug/ml



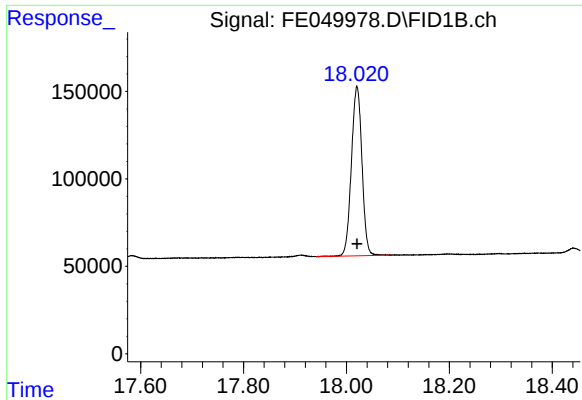
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: 0.000 min
Response: 1313673
Conc: 10.48 ug/ml



#16 n-Octacosane (C28)

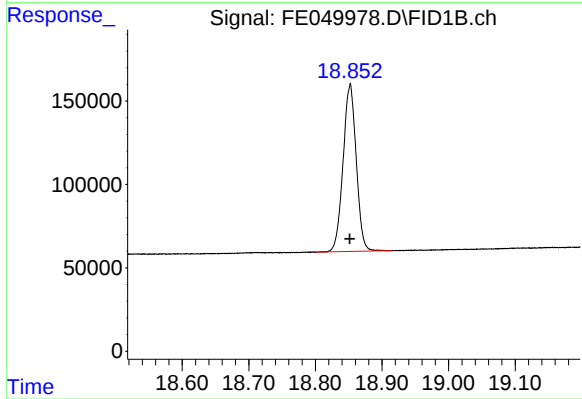
R.T.: 17.132 min
Delta R.T.: 0.000 min
Response: 1320844
Conc: 10.53 ug/ml



#17 n-Tricontane (C30)

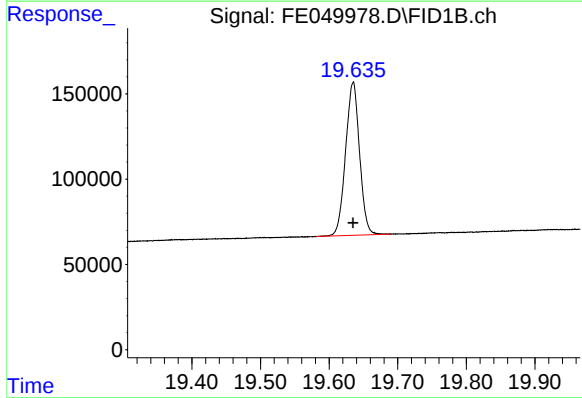
R.T.: 18.021 min
Delta R.T.: 0.000 min
Response: 1381343
Conc: 10.65 ug/ml

Instrument :
FID_E
ClientSampleId :



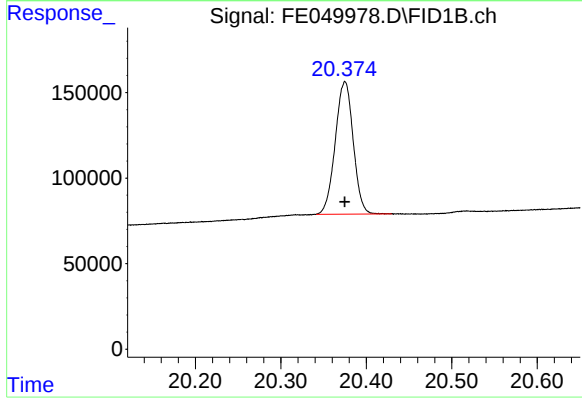
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: 0.000 min
Response: 1375776
Conc: 10.68 ug/ml



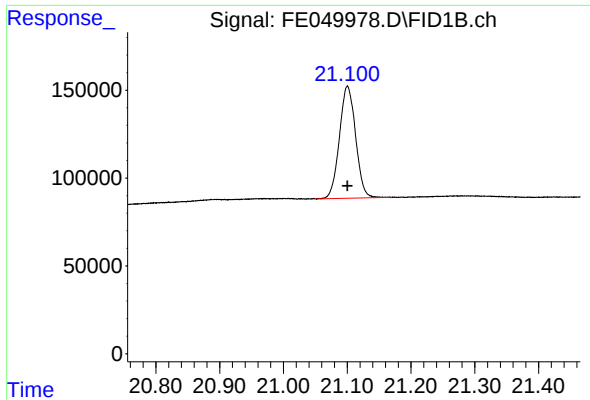
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: 0.000 min
Response: 1269997
Conc: 10.62 ug/ml



#20 n-Hexatriacontane (C36)

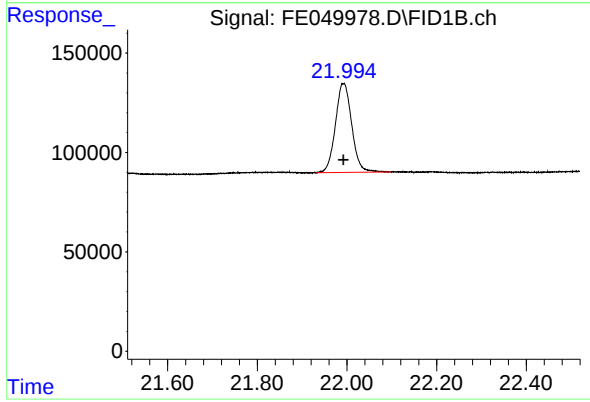
R.T.: 20.375 min
Delta R.T.: 0.000 min
Response: 1131419
Conc: 10.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.000 min
Response: 1126344
Conc: 10.47 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: 0.000 min
Response: 1129689
Conc: 10.59 ug/ml