

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062123AL\
 Data File : FE042780.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2023 10:08
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 21 10:31:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 10:23:37 2023
 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)	11.924	1787468	9.814 ug/ml
Spiked Amount 50.000		Recovery =	19.63%
12) S 1-chlorooctadecane (S...	13.362	1325331	9.805 ug/ml
Spiked Amount 50.000		Recovery =	19.61%
Target Compounds			
1) T n-Nonane (C9)	3.304	1503255	9.745 ug/ml
2) T n-Decane (C10)	4.556	1526936	9.646 ug/ml
3) T A~Naphthalene (C11.7)	6.266	1610606	9.296 ug/ml
4) T n-Dodecane (C12)	6.725	1541348	9.589 ug/ml
5) T A~2-methylnaphthalene...	7.363	1538850	9.216 ug/ml
6) T n-Tetradecane (C14)	8.554	1536982	9.650 ug/ml
7) T n-Hexadecane (C16)	10.162	1590767	9.684 ug/ml
8) T n-Octadecane (C18)	11.606	1612259	9.778 ug/ml
10) T n-Eicosane (C20)	12.916	1544348	9.843 ug/ml
11) T n-Heneicosane (C21)	13.527	1509216	9.866 ug/ml
13) T n-Docosane (C22)	14.113	1483574	9.831 ug/ml
14) T n-Tetracosane (C24)	15.216	1447401	9.842 ug/ml
15) T n-Hexacosane (C26)	16.238	1388983	9.793 ug/ml
16) T n-Octacosane (C28)	17.187	1348705	9.860 ug/ml
17) T n-Tricontane (C30)	18.075	1378989	10.035 ug/ml
18) T n-Dotriacontane (C32)	18.907	1372884	10.173 ug/ml
19) T n-Tetratriacontane (C34)	19.690	1340036	10.091 ug/ml
20) T n-Hexatriacontane (C36)	20.432	1288870	9.777 ug/ml
21) T n-Octatriacontane (C38)	21.175	1321385	9.841 ug/ml
22) T n-Tetracontane (C40)	22.094	1339873	9.707 ug/ml

(f)=RT Delta > 1/2 Window

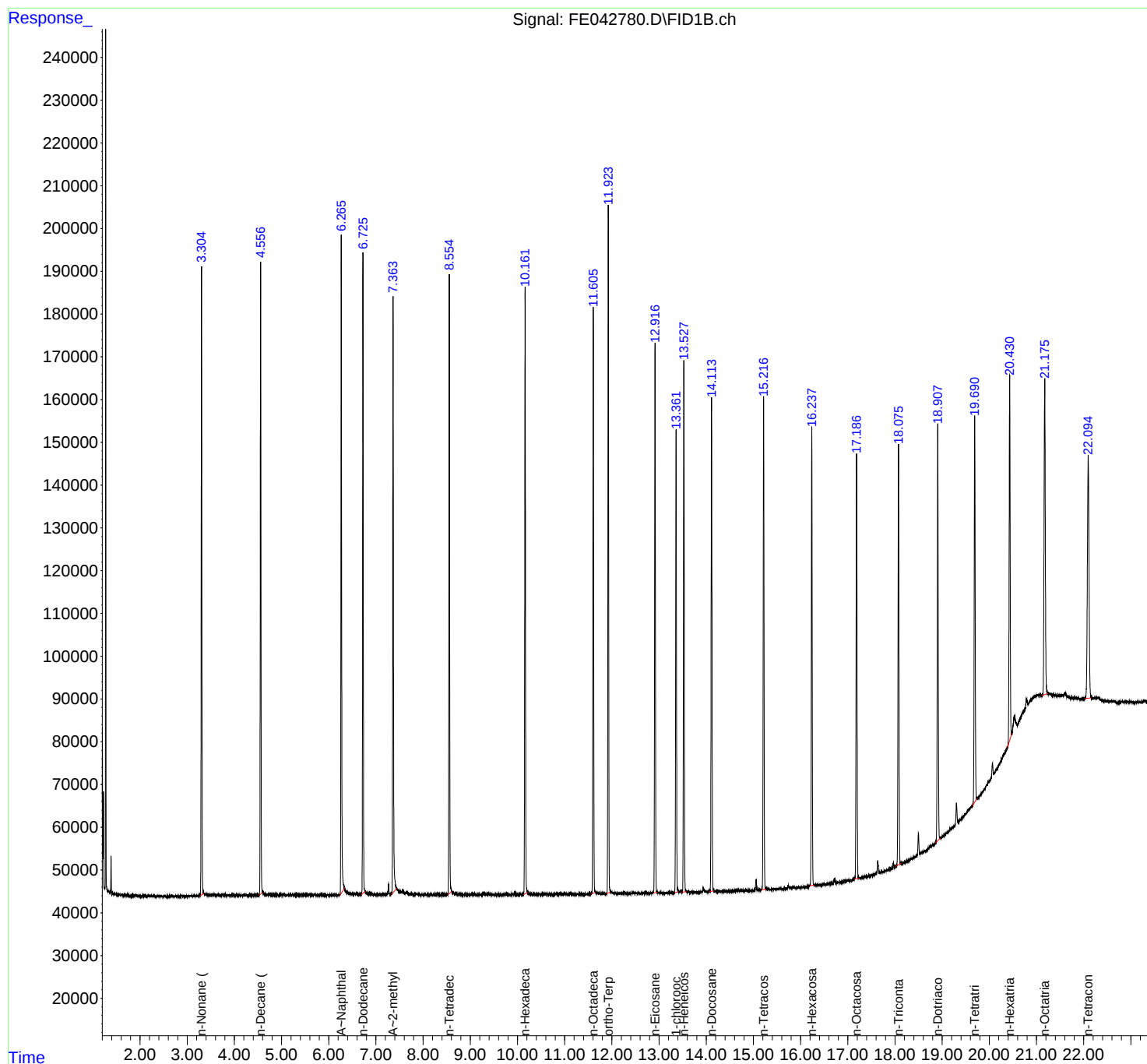
(m)=manual int.

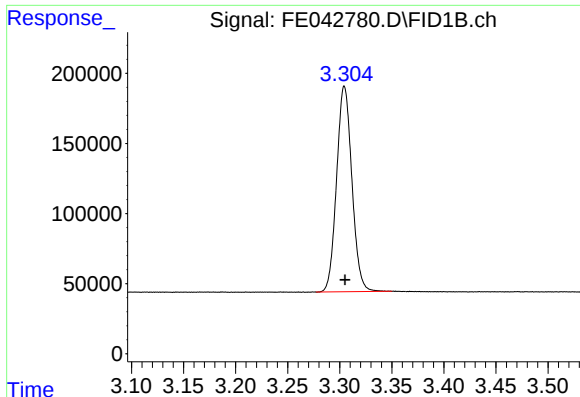
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062123AL\
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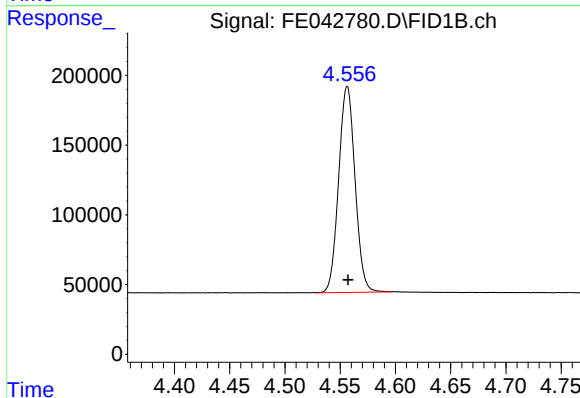




#1 n-Nonane (C9)

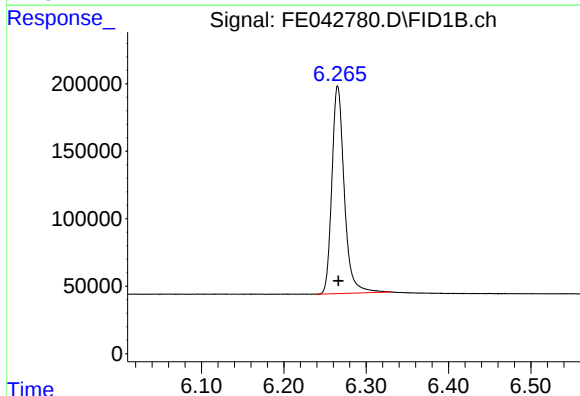
R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 1503255
Conc: 9.75 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



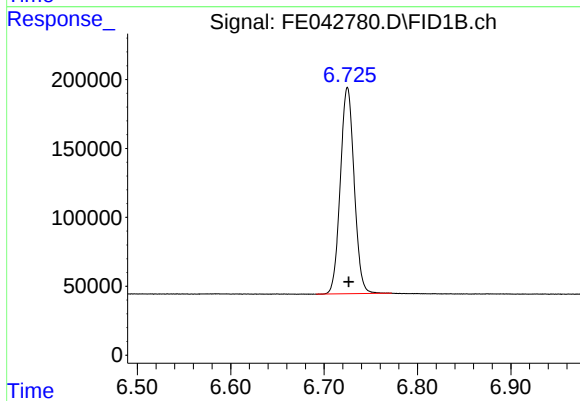
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 1526936
Conc: 9.65 ug/ml



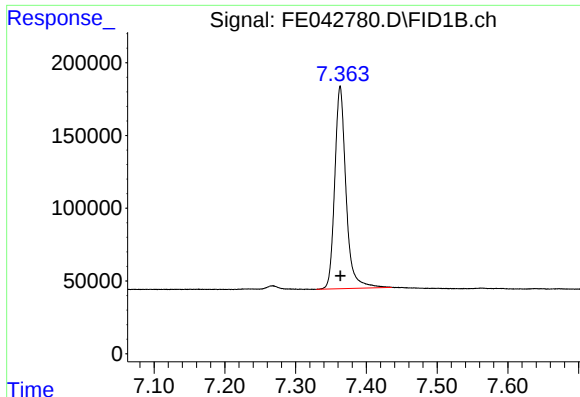
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 1610606
Conc: 9.30 ug/ml



#4 n-Dodecane (C12)

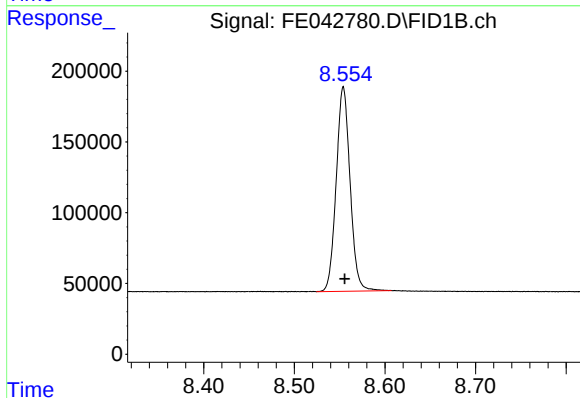
R.T.: 6.725 min
Delta R.T.: -0.001 min
Response: 1541348
Conc: 9.59 ug/ml



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

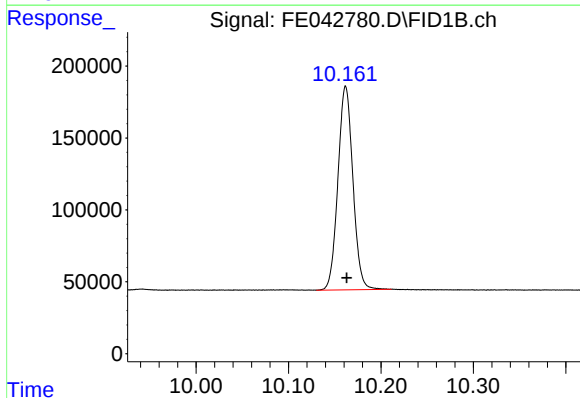
R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 1538850
Conc: 9.22 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



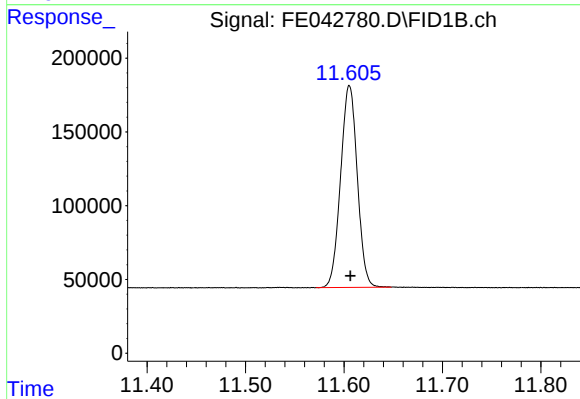
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: -0.001 min
Response: 1536982
Conc: 9.65 ug/ml



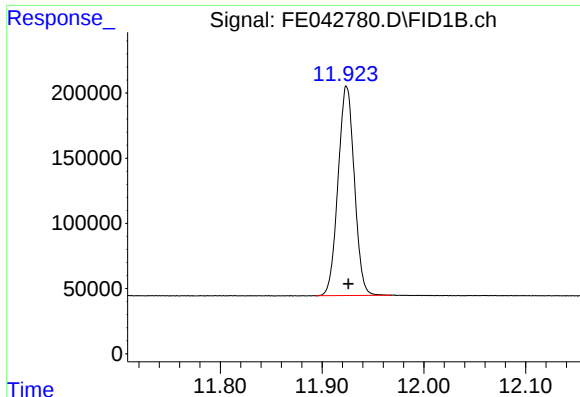
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.001 min
Response: 1590767
Conc: 9.68 ug/ml



#8 n-Octadecane (C18)

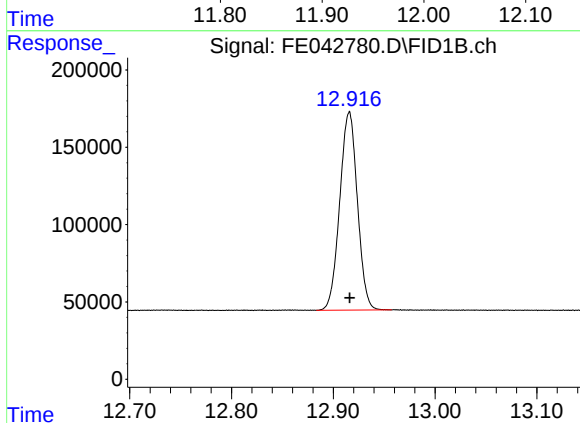
R.T.: 11.606 min
Delta R.T.: -0.001 min
Response: 1612259
Conc: 9.78 ug/ml



#9 ortho-Terphenyl (SURR)

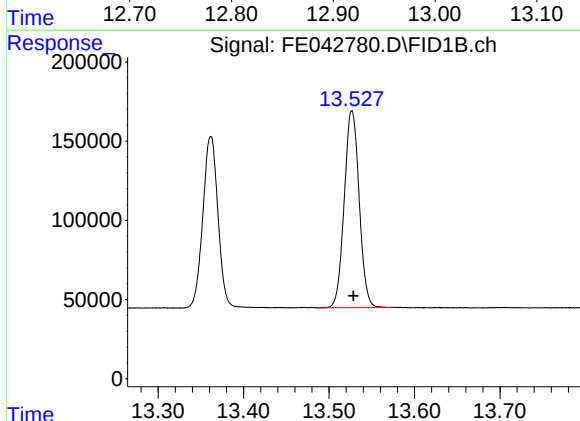
R.T.: 11.924 min
Delta R.T.: -0.002 min
Response: 1787468
Conc: 9.81 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



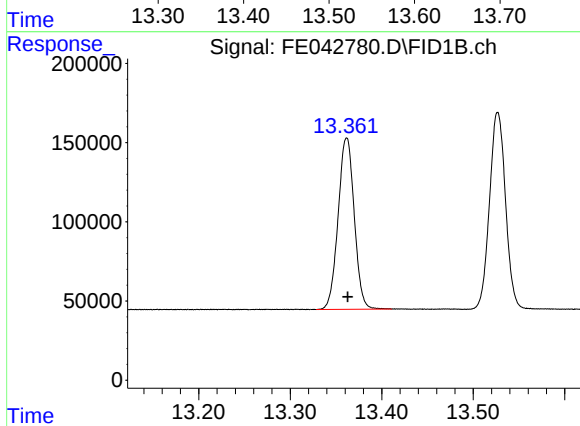
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: 0.000 min
Response: 1544348
Conc: 9.84 ug/ml



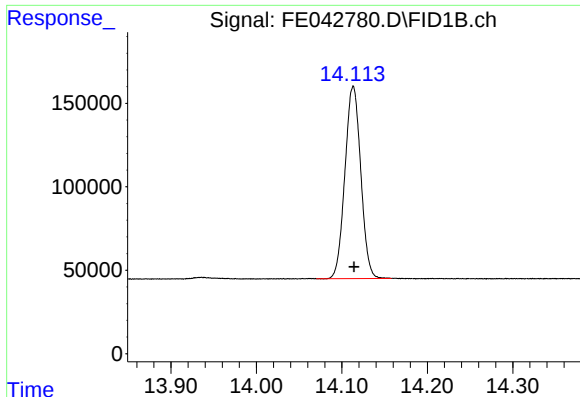
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.002 min
Response: 1509216
Conc: 9.87 ug/ml



#12 1-chlorooctadecane (SURR)

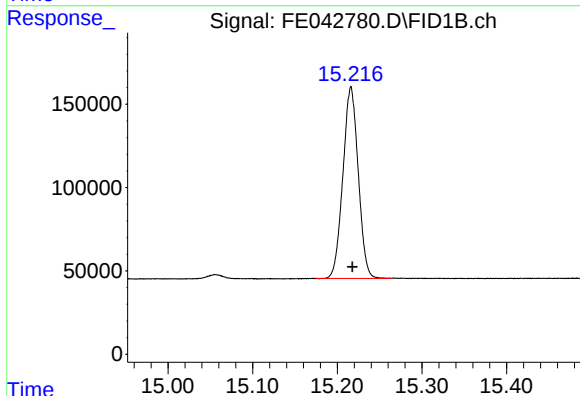
R.T.: 13.362 min
Delta R.T.: 0.000 min
Response: 1325331
Conc: 9.81 ug/ml



#13 n-Docosane (C22)

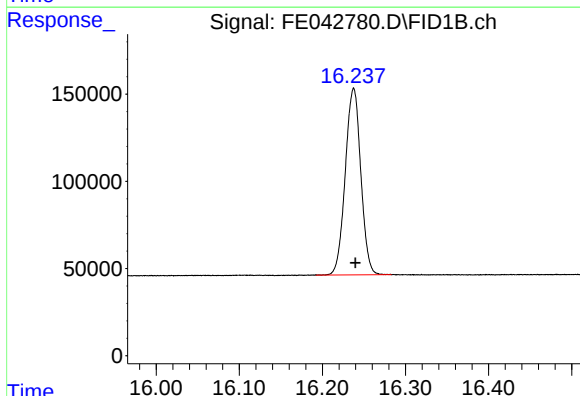
R.T.: 14.113 min
Delta R.T.: -0.001 min
Response: 1483574
Conc: 9.83 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



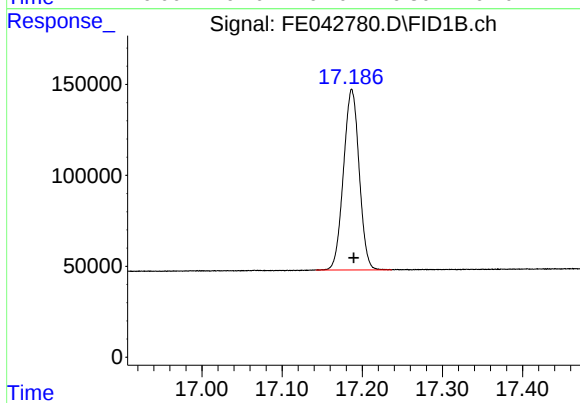
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.002 min
Response: 1447401
Conc: 9.84 ug/ml



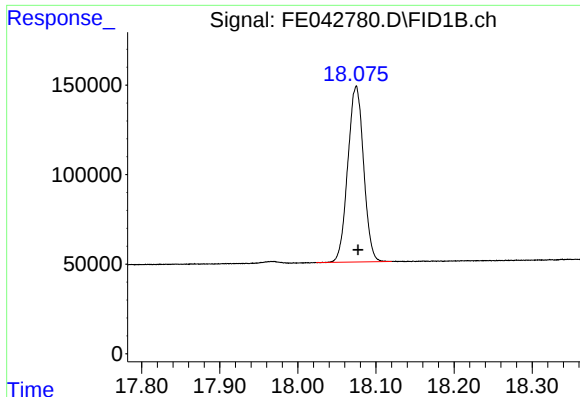
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.002 min
Response: 1388983
Conc: 9.79 ug/ml



#16 n-Octacosane (C28)

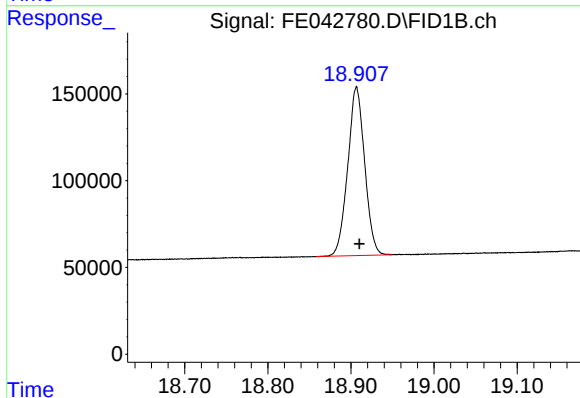
R.T.: 17.187 min
Delta R.T.: -0.002 min
Response: 1348705
Conc: 9.86 ug/ml



#17 n-Tricontane (C30)

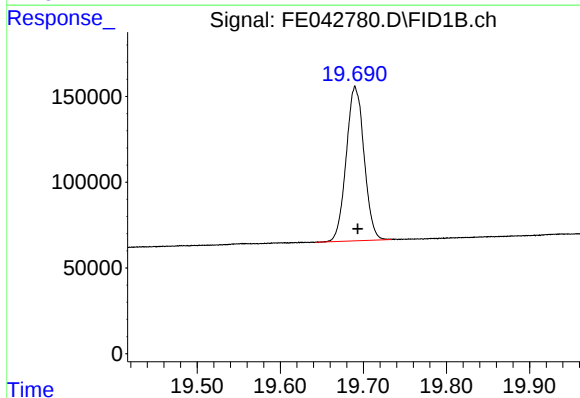
R.T.: 18.075 min
Delta R.T.: -0.002 min
Response: 1378989
Conc: 10.03 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



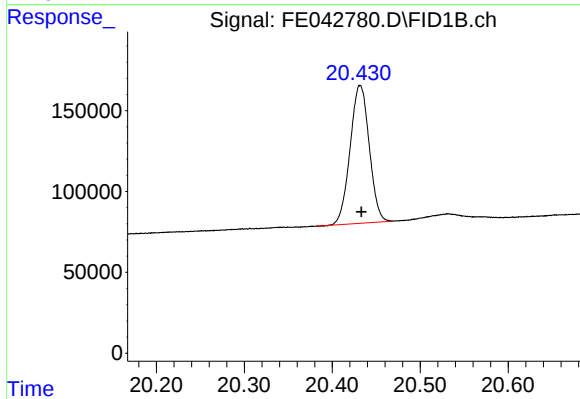
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: -0.003 min
Response: 1372884
Conc: 10.17 ug/ml



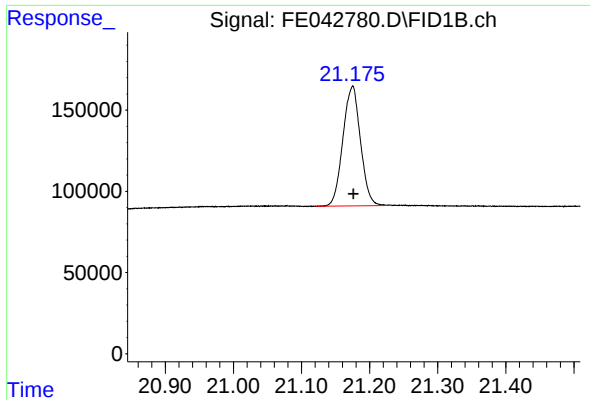
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: -0.003 min
Response: 1340036
Conc: 10.09 ug/ml



#20 n-Hexatriacontane (C36)

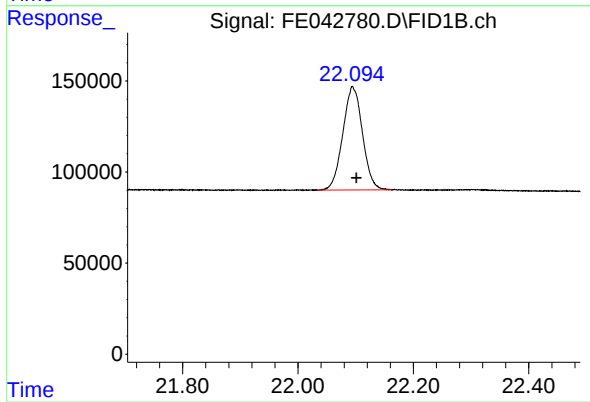
R.T.: 20.432 min
Delta R.T.: -0.002 min
Response: 1288870
Conc: 9.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.175 min
Delta R.T.: -0.001 min
Response: 1321385
Conc: 9.84 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.007 min
Response: 1339873
Conc: 9.71 ug/ml