

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011023AL\
 Data File : FE039711.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 01:46
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 10 03:27:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 03:26:12 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)	11.916	1693365	11.164 ug/ml
Spiked Amount 50.000		Recovery =	22.33%
12) S 1-chlorooctadecane (S...	13.353	1284637	11.151 ug/ml
Spiked Amount 50.000		Recovery =	22.30%
Target Compounds			
1) T n-Nonane (C9)	3.313	1397480	11.128 ug/ml
2) T n-Decane (C10)	4.563	1359864	11.071 ug/ml
3) T A~Naphthalene (C11.7)	6.265	1532299	10.853 ug/ml
4) T n-Dodecane (C12)	6.726	1374810	11.005 ug/ml
5) T A~2-methylnaphthalene...	7.359	1418783	10.749 ug/ml
6) T n-Tetradecane (C14)	8.551	1408904	11.033 ug/ml
7) T n-Hexadecane (C16)	10.158	1478995	11.060 ug/ml
8) T n-Octadecane (C18)	11.600	1540880	11.108 ug/ml
10) T n-Eicosane (C20)	12.908	1527806	11.169 ug/ml
11) T n-Heneicosane (C21)	13.520	1536102	11.139 ug/ml
13) T n-Docosane (C22)	14.106	1542983	11.309 ug/ml
14) T n-Tetracosane (C24)	15.209	1537787	11.397 ug/ml
15) T n-Hexacosane (C26)	16.230	1487314	11.352 ug/ml
16) T n-Octacosane (C28)	17.179	1456799	11.409 ug/ml
17) T n-Tricontane (C30)	18.068	1431984	11.433 ug/ml
18) T n-Dotriacontane (C32)	18.899	1422371	11.435 ug/ml
19) T n-Tetratriacontane (C34)	19.683	1379315	11.289 ug/ml
20) T n-Hexatriacontane (C36)	20.424	1303135	10.955 ug/ml
21) T n-Octatriacontane (C38)	21.158	1327090	11.205 ug/ml
22) T n-Tetracontane (C40)	22.064	1357166	11.243 ug/ml

(f)=RT Delta > 1/2 Window

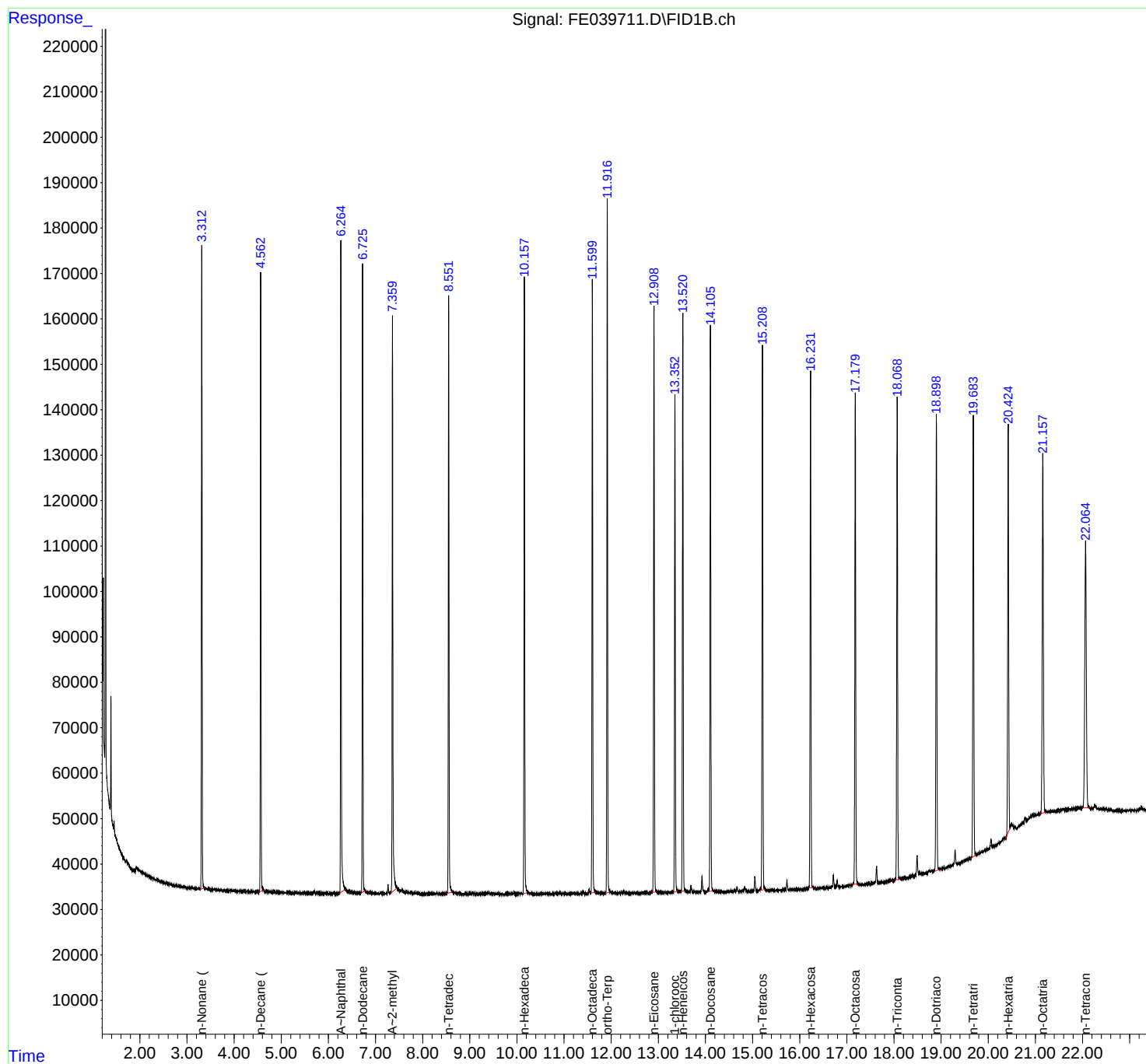
(m)=manual int.

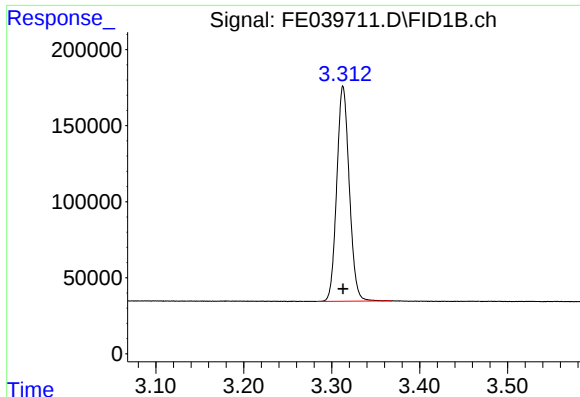
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011023AL\
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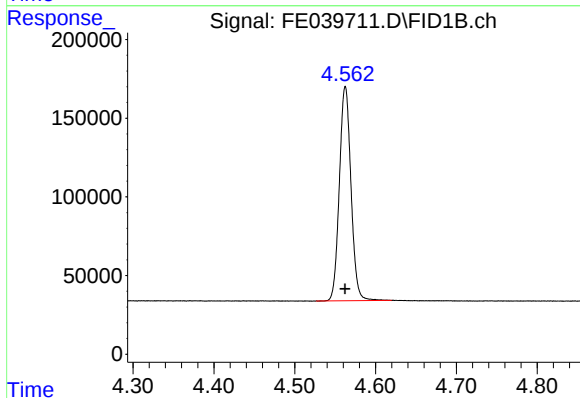




#1 n-Nonane (C9)

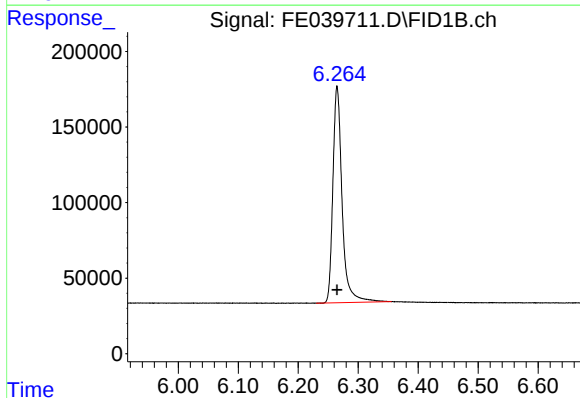
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 1397480
Conc: 11.13 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



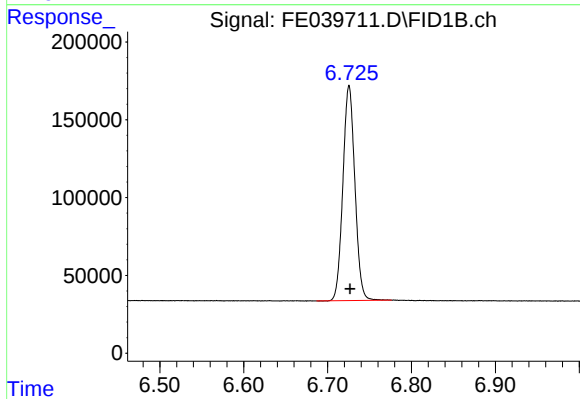
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 1359864
Conc: 11.07 ug/ml



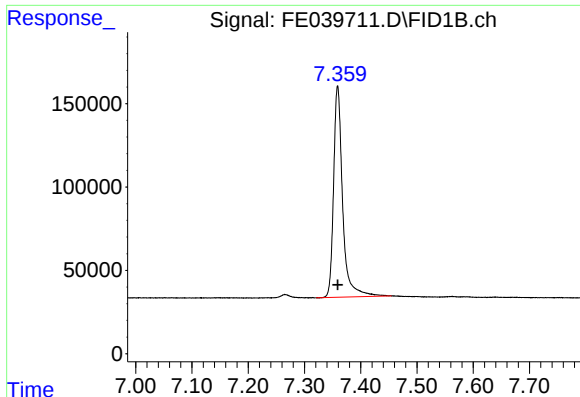
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 1532299
Conc: 10.85 ug/ml



#4 n-Dodecane (C12)

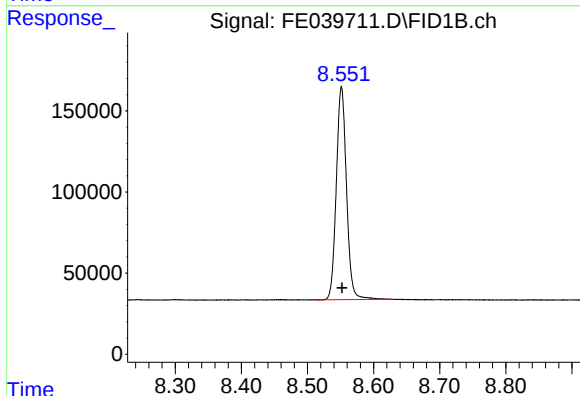
R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 1374810
Conc: 11.01 ug/ml



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

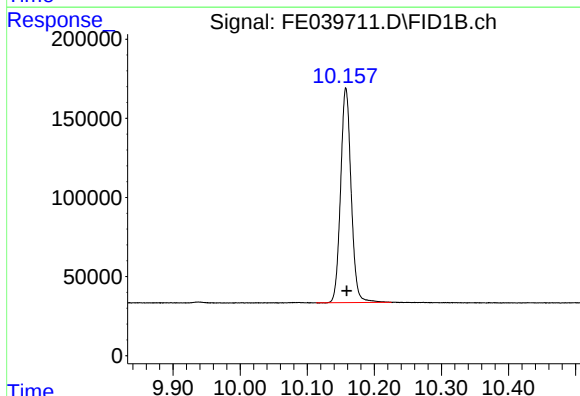
R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 1418783
Conc: 10.75 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



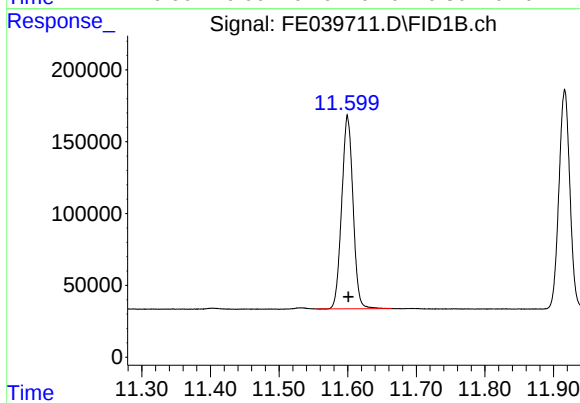
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.001 min
Response: 1408904
Conc: 11.03 ug/ml



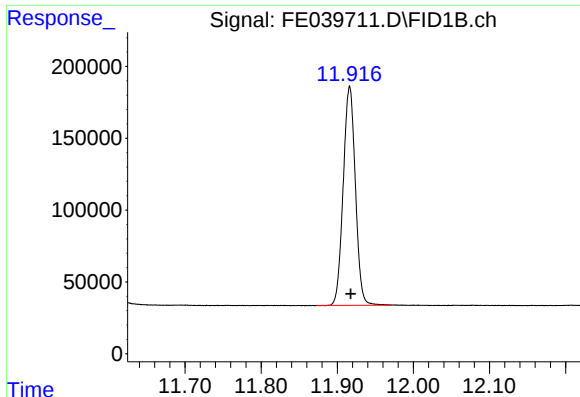
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.001 min
Response: 1478995
Conc: 11.06 ug/ml



#8 n-Octadecane (C18)

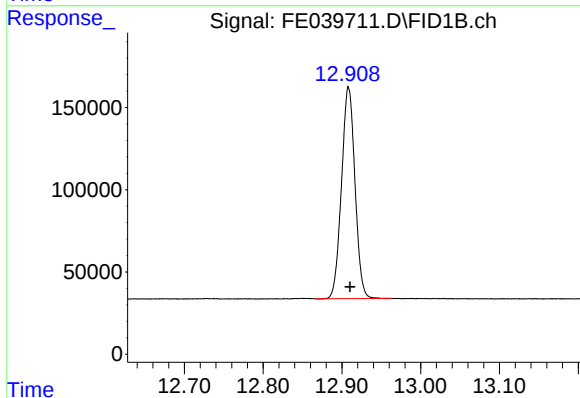
R.T.: 11.600 min
Delta R.T.: 0.000 min
Response: 1540880
Conc: 11.11 ug/ml



#9 ortho-Terphenyl (SURR)

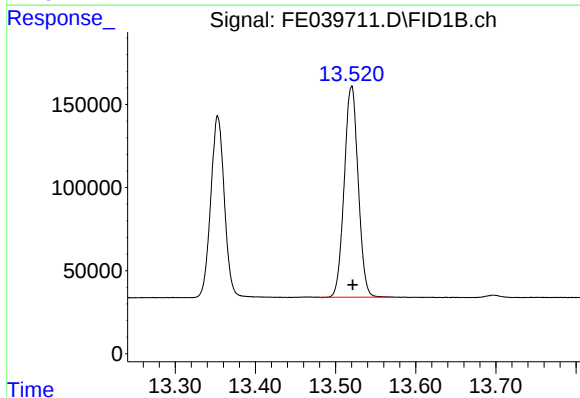
R.T.: 11.916 min
Delta R.T.: -0.001 min
Response: 1693365
Conc: 11.16 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



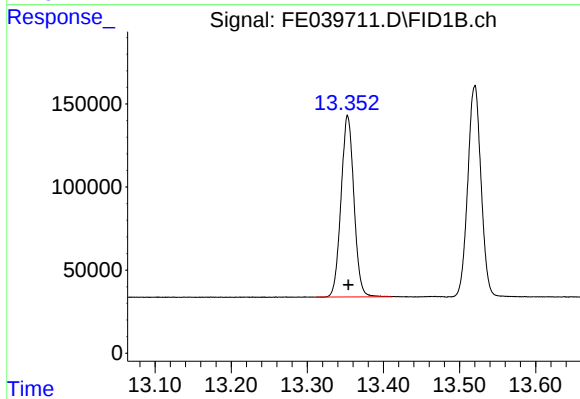
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.002 min
Response: 1527806
Conc: 11.17 ug/ml



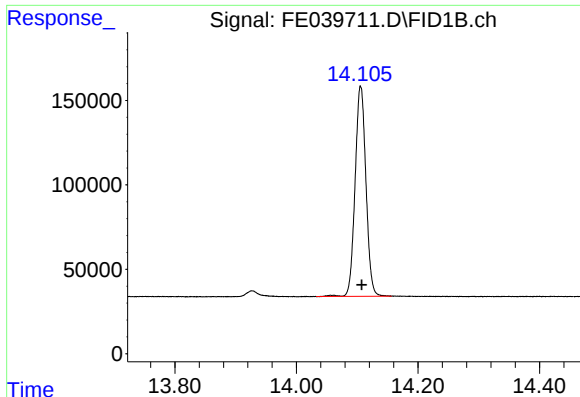
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.001 min
Response: 1536102
Conc: 11.14 ug/ml



#12 1-chlorooctadecane (SURR)

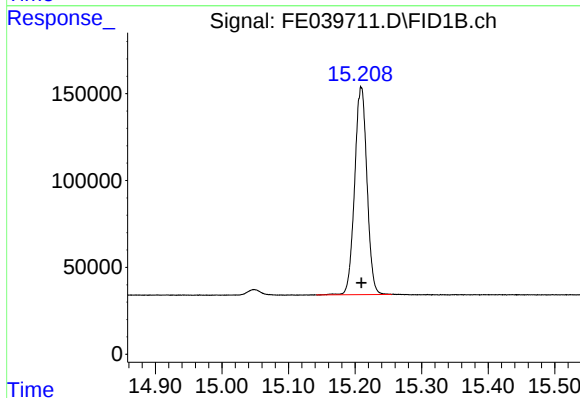
R.T.: 13.353 min
Delta R.T.: 0.000 min
Response: 1284637
Conc: 11.15 ug/ml



#13 n-Docosane (C22)

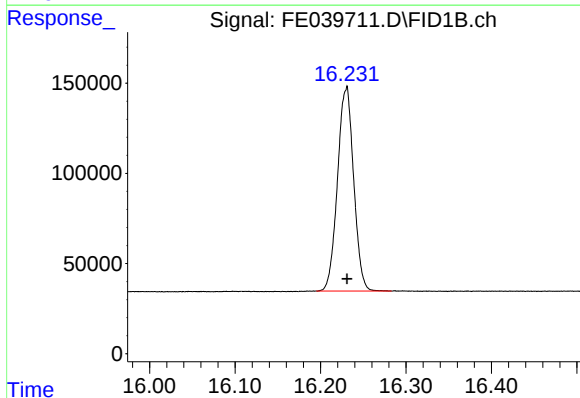
R.T.: 14.106 min
Delta R.T.: -0.002 min
Response: 1542983
Conc: 11.31 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



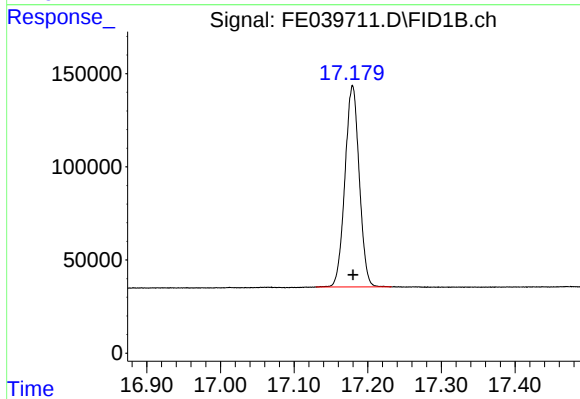
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 1537787
Conc: 11.40 ug/ml



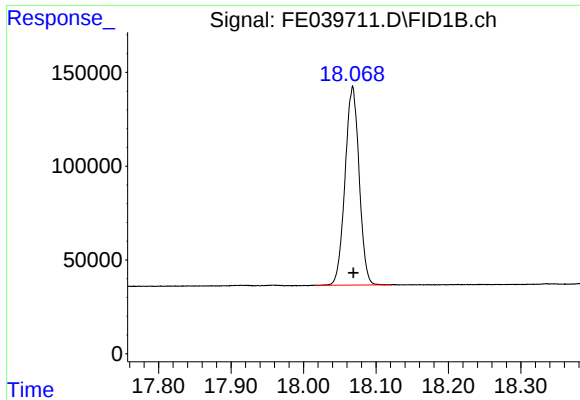
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: 0.000 min
Response: 1487314
Conc: 11.35 ug/ml



#16 n-Octacosane (C28)

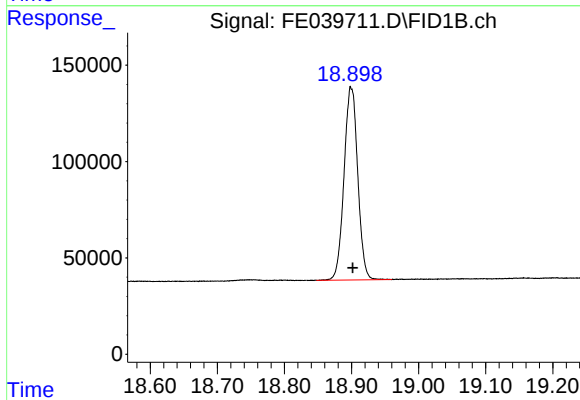
R.T.: 17.179 min
Delta R.T.: 0.000 min
Response: 1456799
Conc: 11.41 ug/ml



#17 n-Tricontane (C30)

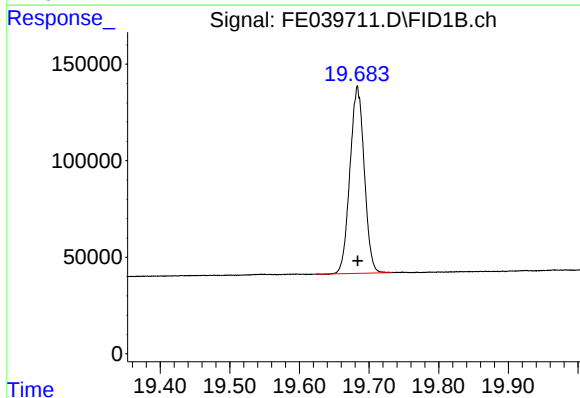
R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 1431984
Conc: 11.43 ug/ml

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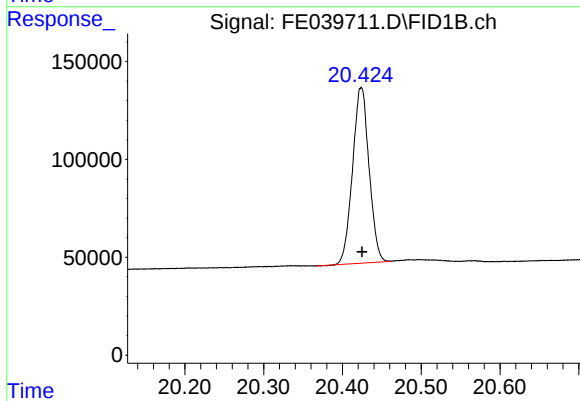
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.002 min
Response: 1422371
Conc: 11.43 ug/ml



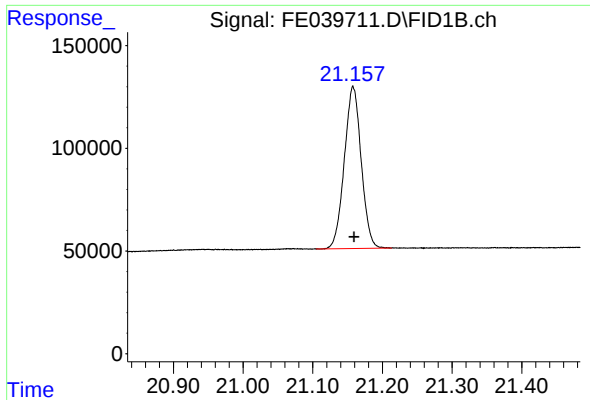
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: 0.000 min
Response: 1379315
Conc: 11.29 ug/ml



#20 n-Hexatriacontane (C36)

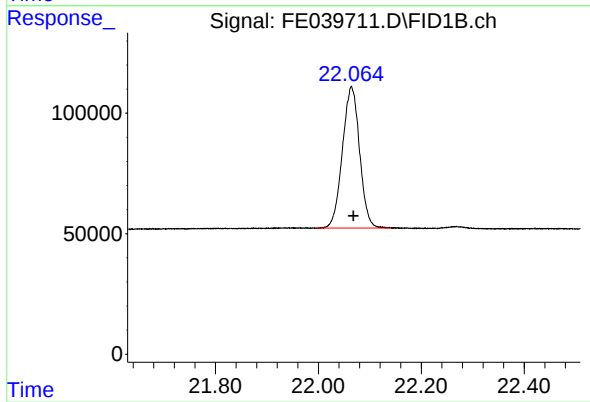
R.T.: 20.424 min
Delta R.T.: -0.001 min
Response: 1303135
Conc: 10.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.158 min
Delta R.T.: -0.002 min
Response: 1327090
Conc: 11.20 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.064 min
Delta R.T.: -0.004 min
Response: 1357166
Conc: 11.24 ug/ml