

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041525AL\
 Data File : FE053370.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2025 14:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 15 22:32:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.894	3467331	21.287 ug/ml
Spiked Amount 50.000		Recovery =	42.57%
12) S 1-chlorooctadecane (S...	13.339	2576798	21.465 ug/ml
Spiked Amount 50.000		Recovery =	42.93%
Target Compounds			
1) T n-Nonane (C9)	3.233	3372809	21.783 ug/ml
2) T n-Decane (C10)	4.495	3439941	21.930 ug/ml
3) T A~Naphthalene (C11.7)	6.209	3634259	21.634 ug/ml
4) T n-Dodecane (C12)	6.676	3444588	22.024 ug/ml
5) T A~2-methylnaphthalene...	7.312	3442970	21.578 ug/ml
6) T n-Tetradecane (C14)	8.514	3370461	22.012 ug/ml
7) T n-Hexadecane (C16)	10.129	3377559	21.911 ug/ml
8) T n-Octadecane (C18)	11.578	3289100	21.686 ug/ml
10) T n-Eicosane (C20)	12.894	3062973	21.483 ug/ml
11) T n-Heneicosane (C21)	13.508	2979439	21.470 ug/ml
13) T n-Docosane (C22)	14.096	2949571	21.537 ug/ml
14) T n-Tetracosane (C24)	15.204	2943704	21.796 ug/ml
15) T n-Hexacosane (C26)	16.228	2935582	22.005 ug/ml
16) T n-Octacosane (C28)	17.181	2955282	22.394 ug/ml
17) T n-Tricontane (C30)	18.071	3083268	22.748 ug/ml
18) T n-Dotriacontane (C32)	18.905	3093085	22.986 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2876558	22.231 ug/ml
20) T n-Hexatriacontane (C36)	20.433	2401126	20.213 ug/ml
21) T n-Octatriacontane (C38)	21.174	2035224	17.707 ug/ml
22) T n-Tetracontane (C40)	22.091	1817666	16.184 ug/ml

(f)=RT Delta > 1/2 Window

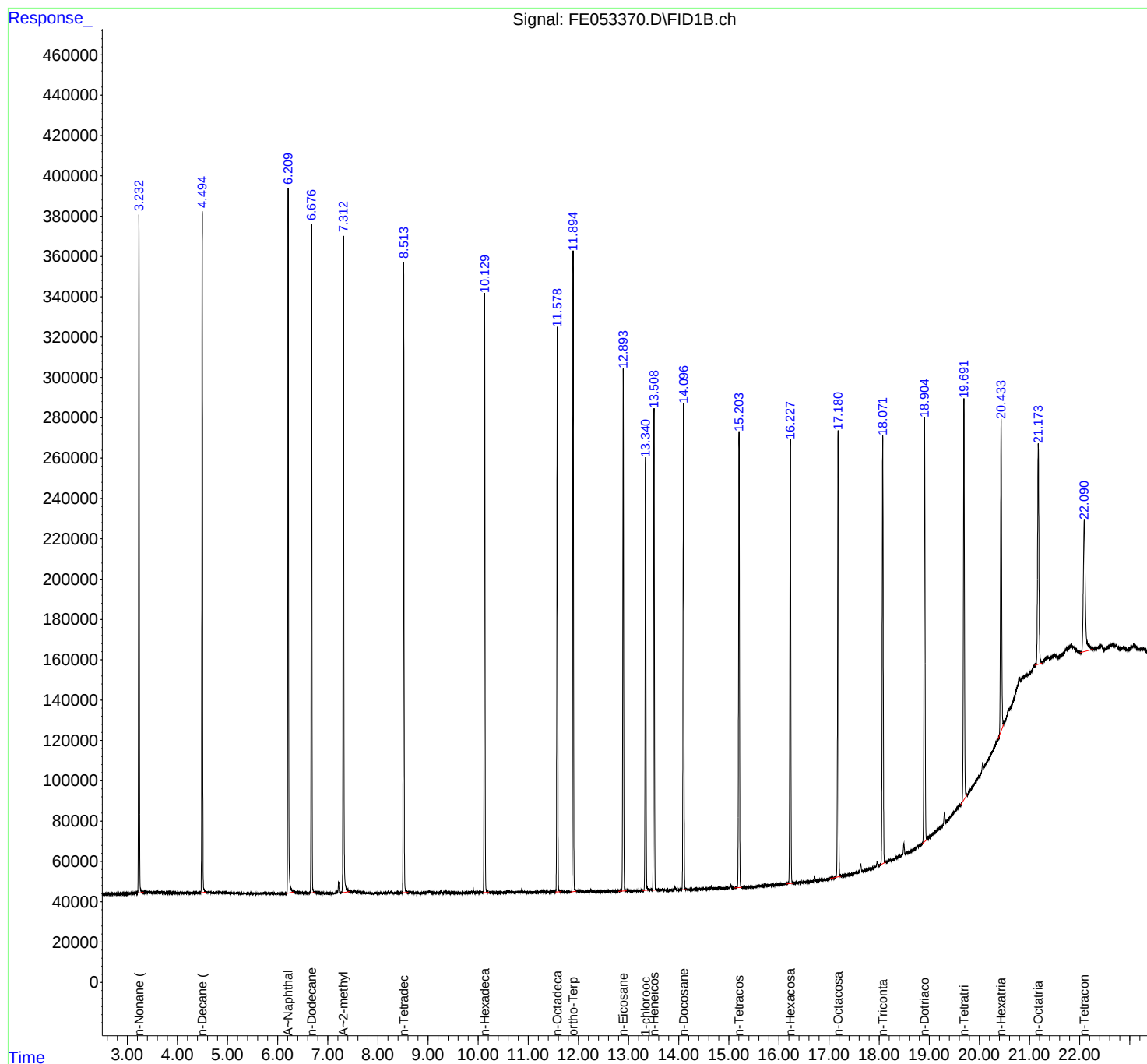
(m)=manual int.

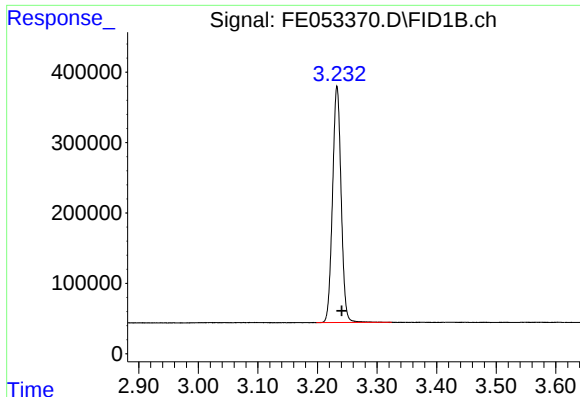
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041525AL\
Data File : FE053370.D
Signal(s) : FID1B.ch
Acq On : 15 Apr 2025 14:41
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Apr 15 22:32:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

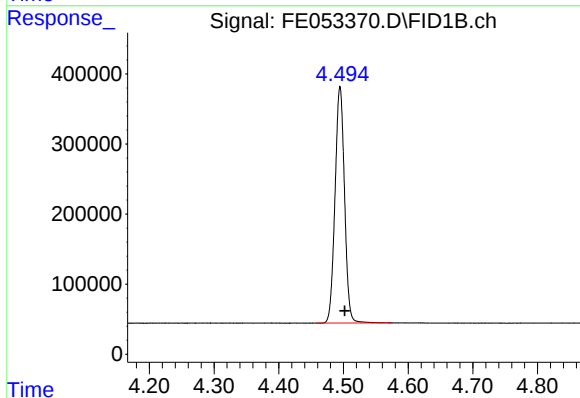




#1 n-Nonane (C9)

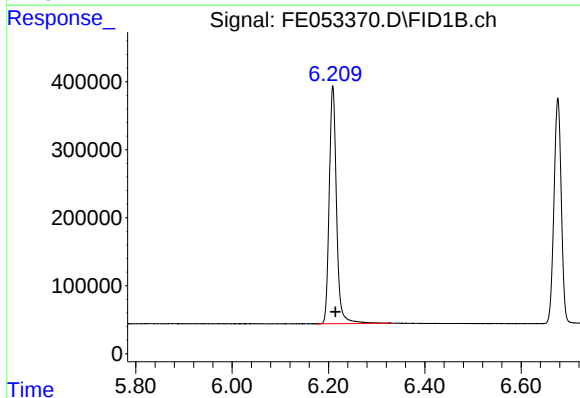
R.T.: 3.233 min
Delta R.T.: -0.008 min
Response: 3372809
Conc: 21.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



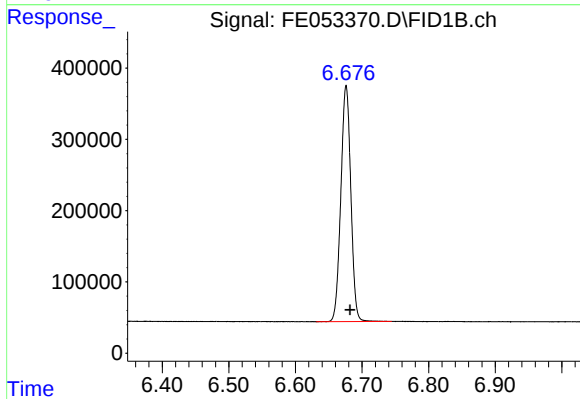
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.007 min
Response: 3439941
Conc: 21.93 ug/ml



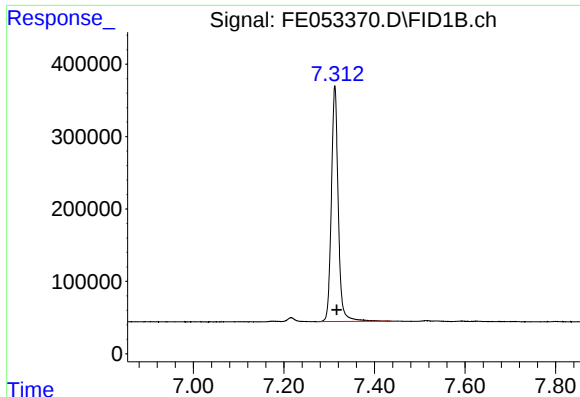
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 3634259
Conc: 21.63 ug/ml



#4 n-Dodecane (C12)

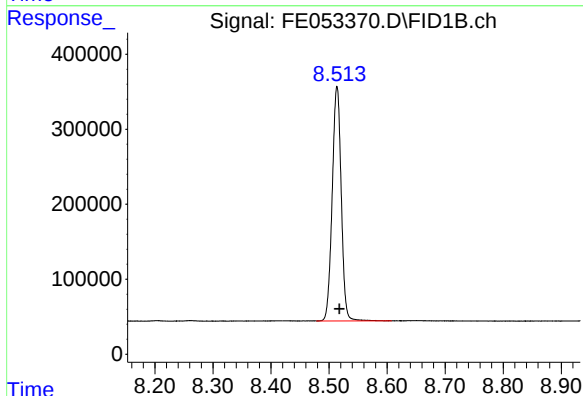
R.T.: 6.676 min
Delta R.T.: -0.006 min
Response: 3444588
Conc: 22.02 ug/ml



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

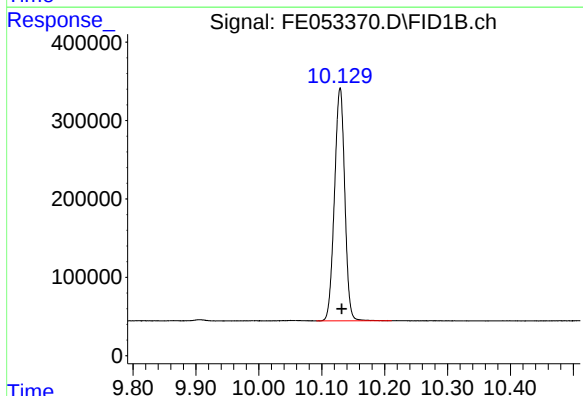
R.T.: 7.312 min
Delta R.T.: -0.004 min
Response: 3442970
Conc: 21.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



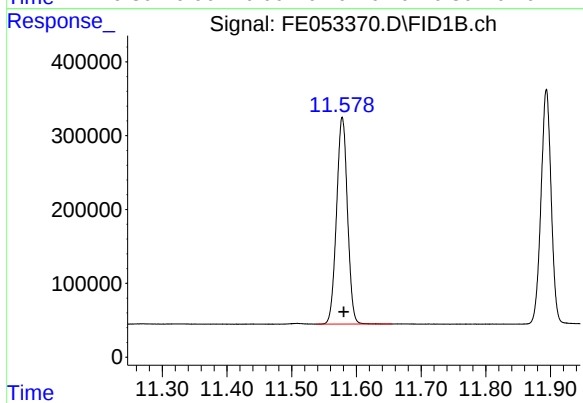
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 3370461
Conc: 22.01 ug/ml



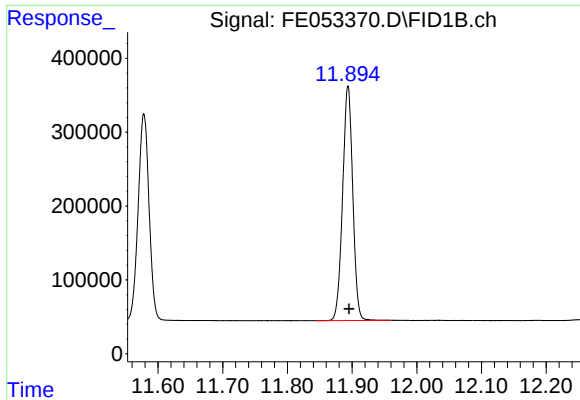
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.003 min
Response: 3377559
Conc: 21.91 ug/ml



#8 n-Octadecane (C18)

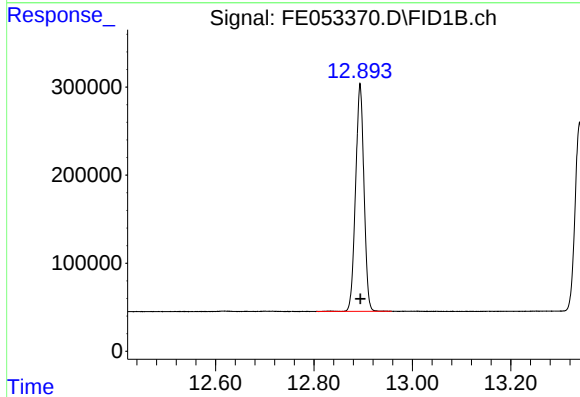
R.T.: 11.578 min
Delta R.T.: -0.002 min
Response: 3289100
Conc: 21.69 ug/ml



#9 ortho-Terphenyl (SURR)

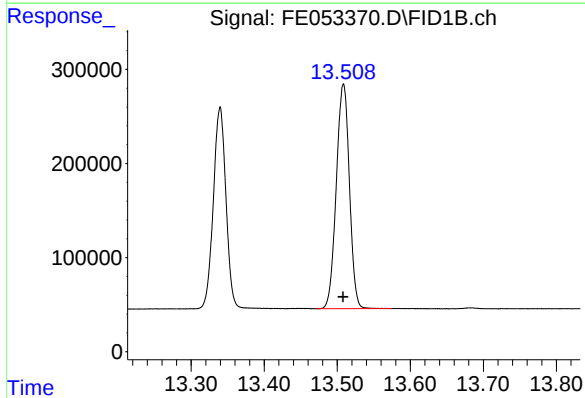
R.T.: 11.894 min
Delta R.T.: -0.001 min
Response: 3467331
Conc: 21.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



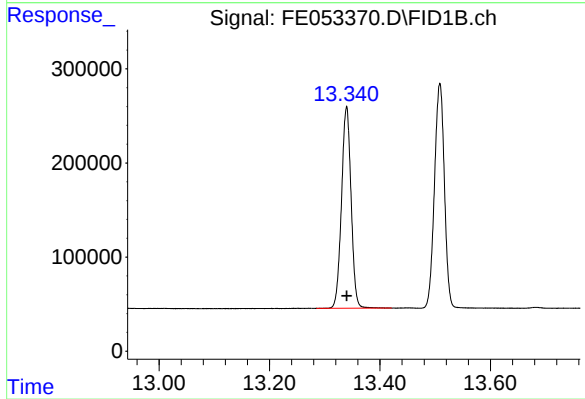
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 3062973
Conc: 21.48 ug/ml



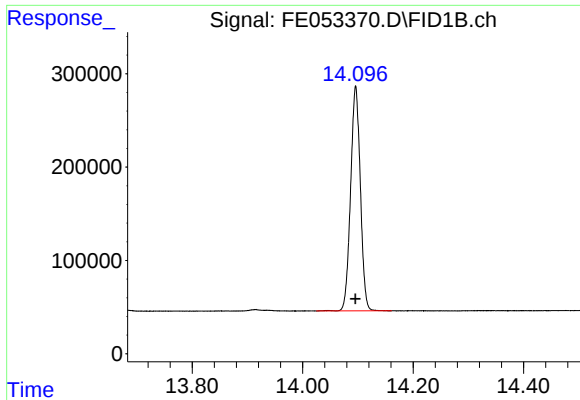
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2979439
Conc: 21.47 ug/ml



#12 1-chlorooctadecane (SURR)

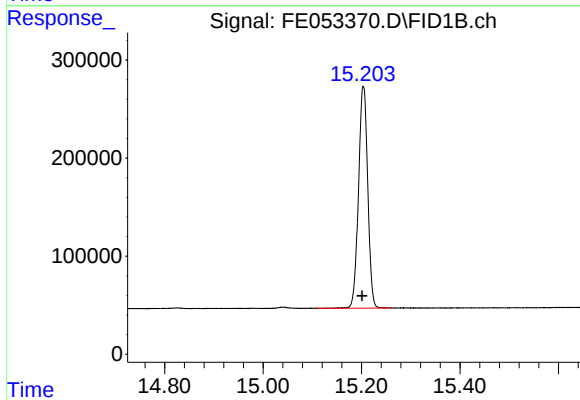
R.T.: 13.339 min
Delta R.T.: 0.000 min
Response: 2576798
Conc: 21.47 ug/ml



#13 n-Docosane (C22)

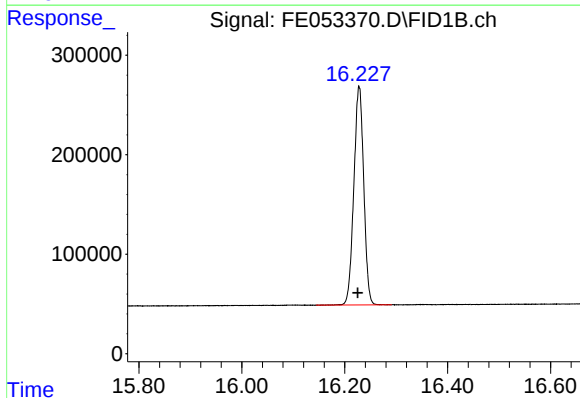
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 2949571
Conc: 21.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



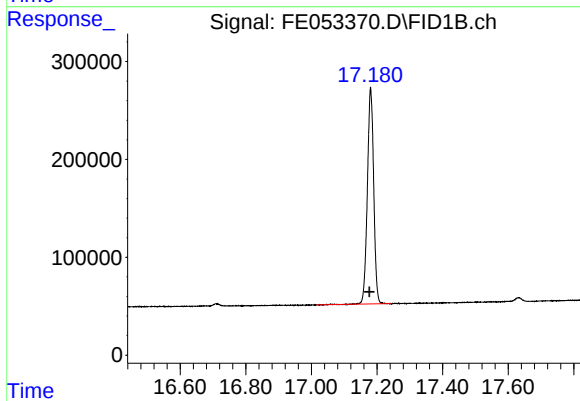
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: 0.002 min
Response: 2943704
Conc: 21.80 ug/ml



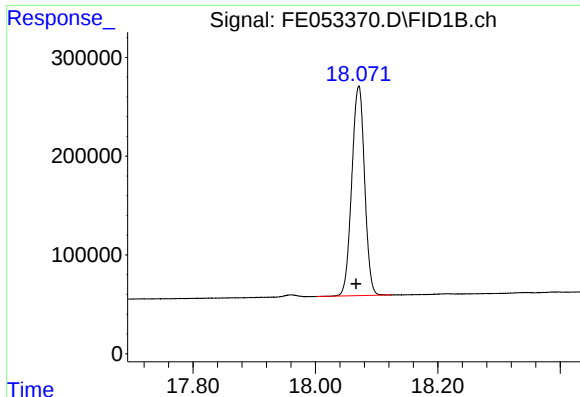
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: 0.003 min
Response: 2935582
Conc: 22.00 ug/ml



#16 n-Octacosane (C28)

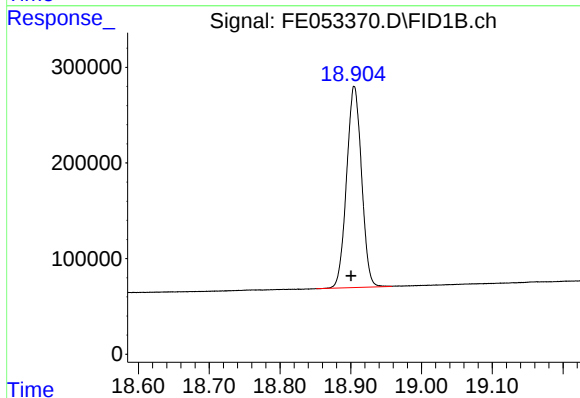
R.T.: 17.181 min
Delta R.T.: 0.004 min
Response: 2955282
Conc: 22.39 ug/ml



#17 n-Tricontane (C30)

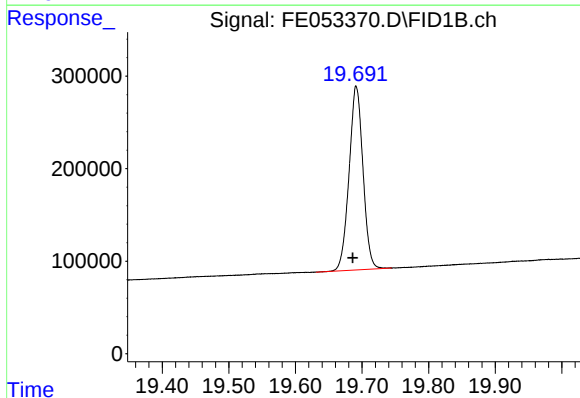
R.T.: 18.071 min
Delta R.T.: 0.004 min
Response: 3083268
Conc: 22.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



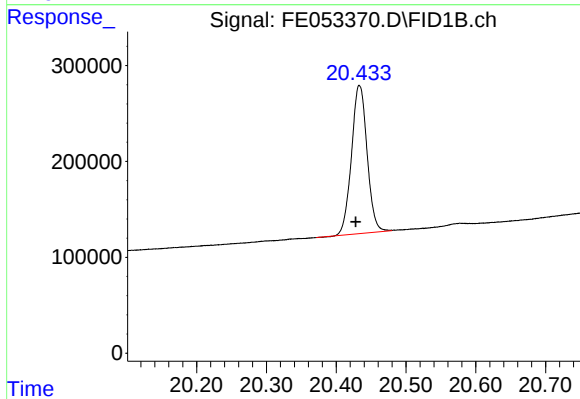
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.005 min
Response: 3093085
Conc: 22.99 ug/ml



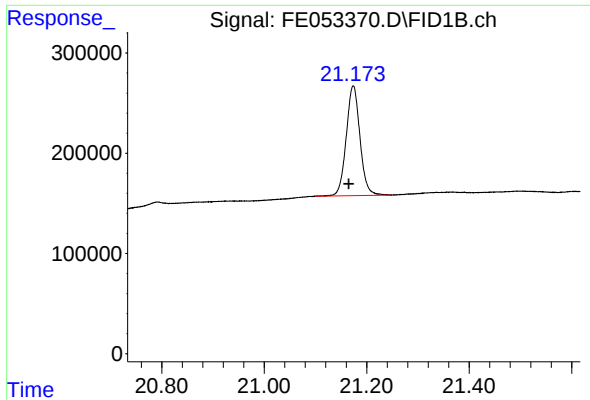
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: 0.006 min
Response: 2876558
Conc: 22.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: 0.006 min
Response: 2401126
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

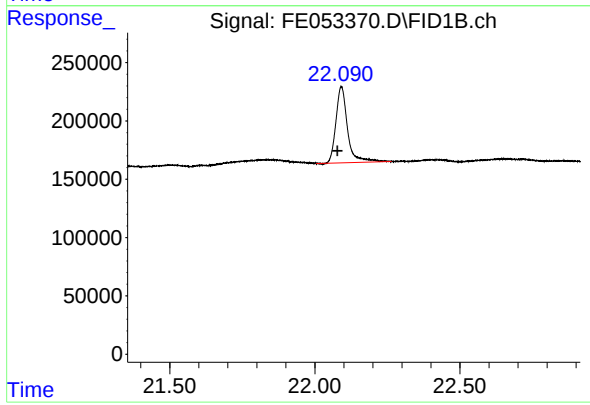
R.T.: 21.174 min
Delta R.T.: 0.009 min
Response: 2035224
Conc: 17.71 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: 0.013 min
Response: 1817666
Conc: 16.18 ug/ml