

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
 Data File : FE053067.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2025 12:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 31 12:34:05 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)	11.899	3473253	21.324 ug/ml
Spiked Amount 50.000		Recovery =	42.65%
12) S 1-chlorooctadecane (S...	13.344	2428096	20.227 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T n-Nonane (C9)	3.241	3255858	21.027 ug/ml
2) T n-Decane (C10)	4.503	3339052	21.287 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3576861	21.292 ug/ml
4) T n-Dodecane (C12)	6.684	3327696	21.277 ug/ml
5) T A~2-methylnaphthalene...	7.318	3418372	21.424 ug/ml
6) T n-Tetradecane (C14)	8.520	3261617	21.302 ug/ml
7) T n-Hexadecane (C16)	10.135	3325358	21.573 ug/ml
8) T n-Octadecane (C18)	11.583	3288492	21.682 ug/ml
10) T n-Eicosane (C20)	12.898	3098146	21.730 ug/ml
11) T n-Heneicosane (C21)	13.512	3010245	21.692 ug/ml
13) T n-Docosane (C22)	14.100	2985287	21.797 ug/ml
14) T n-Tetracosane (C24)	15.207	2943392	21.793 ug/ml
15) T n-Hexacosane (C26)	16.232	2890832	21.669 ug/ml
16) T n-Octacosane (C28)	17.186	2857665	21.654 ug/ml
17) T n-Tricontane (C30)	18.077	2937309	21.671 ug/ml
18) T n-Dotriacontane (C32)	18.913	2888996	21.469 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2718204	21.007 ug/ml
20) T n-Hexatriacontane (C36)	20.443	1811279	15.248 ug/ml
21) T n-Octatriacontane (C38)	21.184	1960008	17.053 ug/ml
22) T n-Tetracontane (C40)	22.106	2430503	21.640 ug/ml

(f)=RT Delta > 1/2 Window

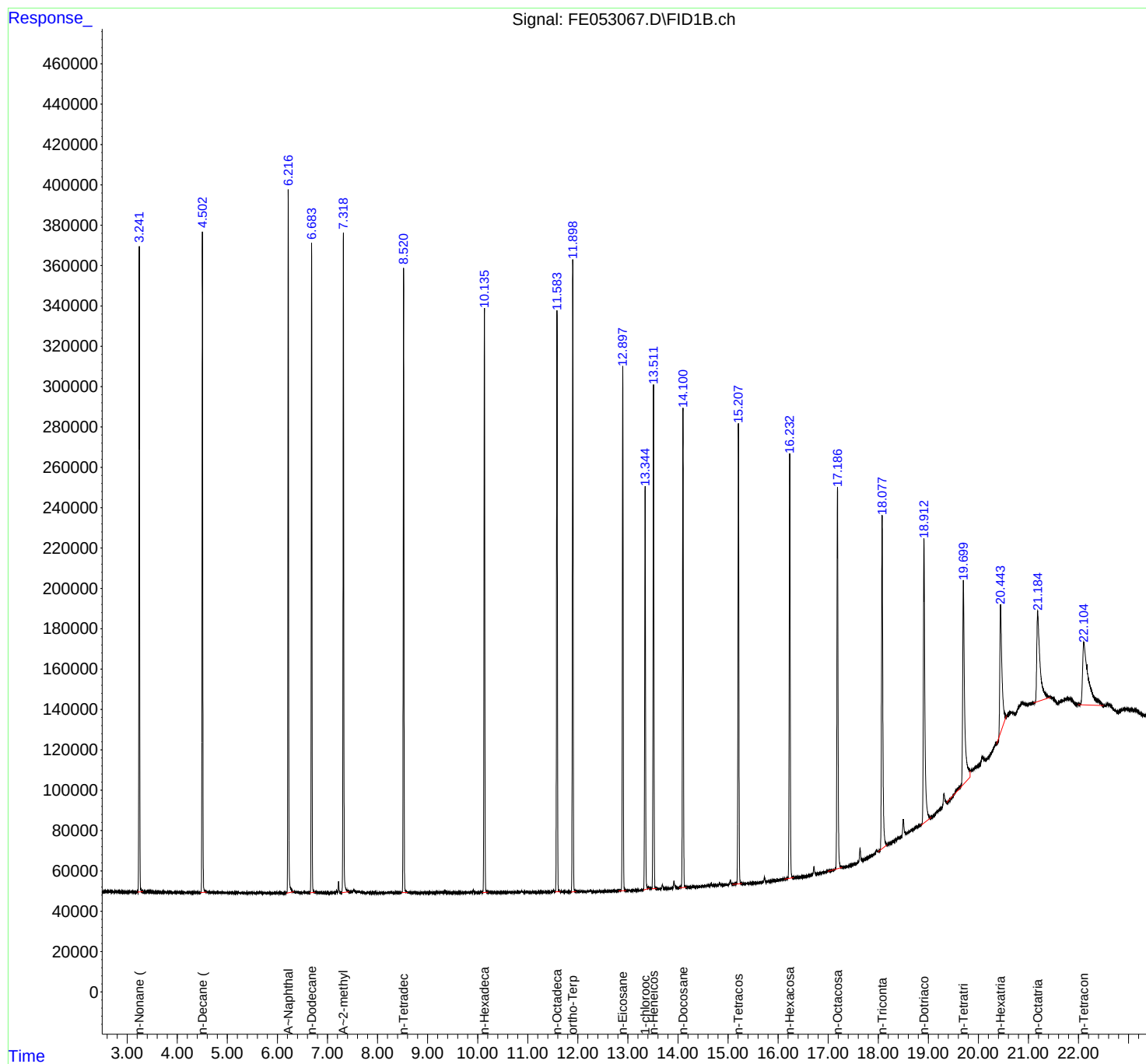
(m)=manual int.

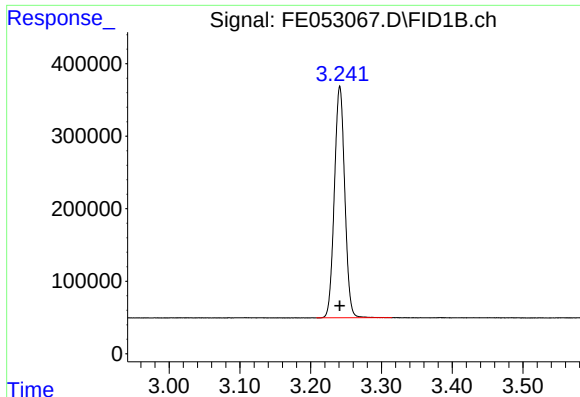
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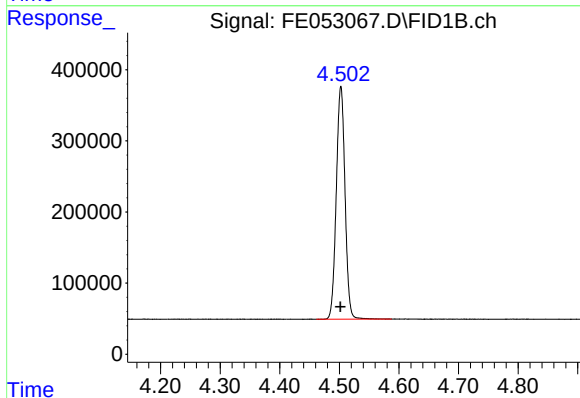




#1 n-Nonane (C9)

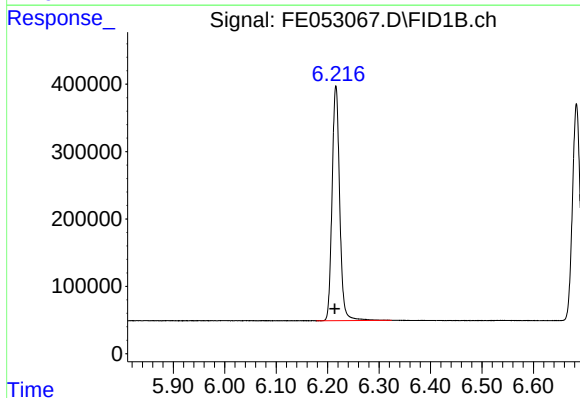
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 3255858
Conc: 21.03 ug/ml

Instrument :
FID_E
ClientSampleId :



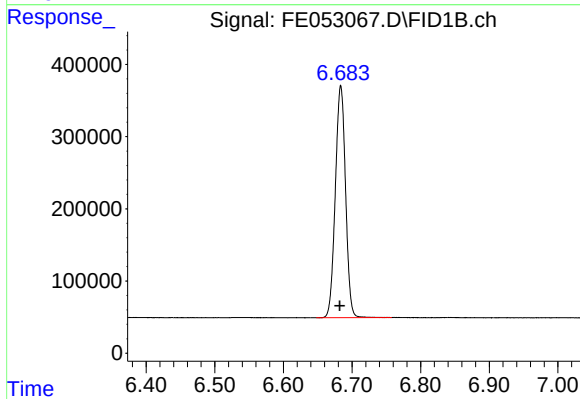
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 3339052
Conc: 21.29 ug/ml



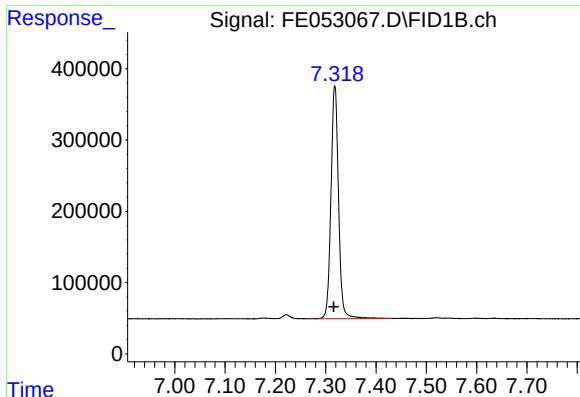
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 3576861
Conc: 21.29 ug/ml



#4 n-Dodecane (C12)

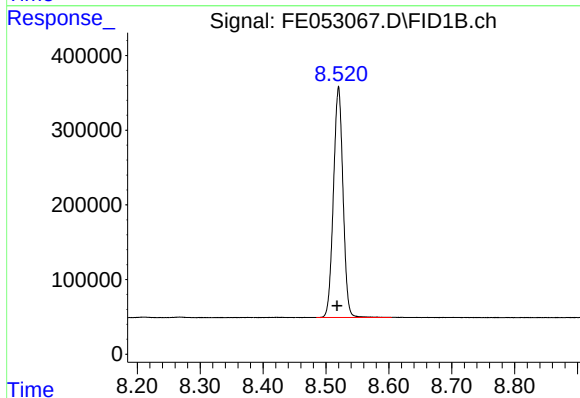
R.T.: 6.684 min
Delta R.T.: 0.002 min
Response: 3327696
Conc: 21.28 ug/ml



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

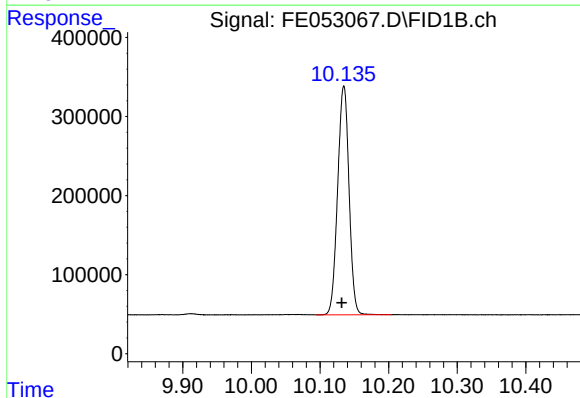
R.T.: 7.318 min
Delta R.T.: 0.002 min
Response: 3418372
Conc: 21.42 ug/ml

Instrument :
FID_E
ClientSampleId :



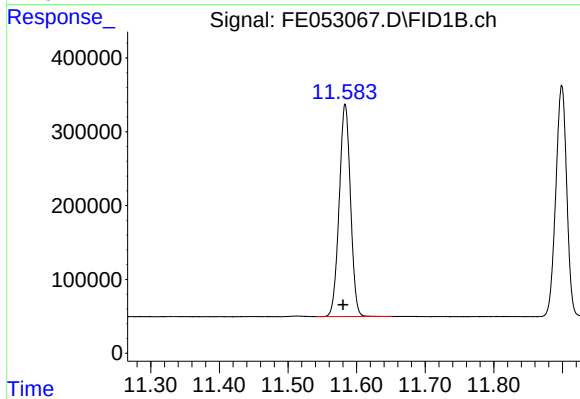
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: 0.002 min
Response: 3261617
Conc: 21.30 ug/ml



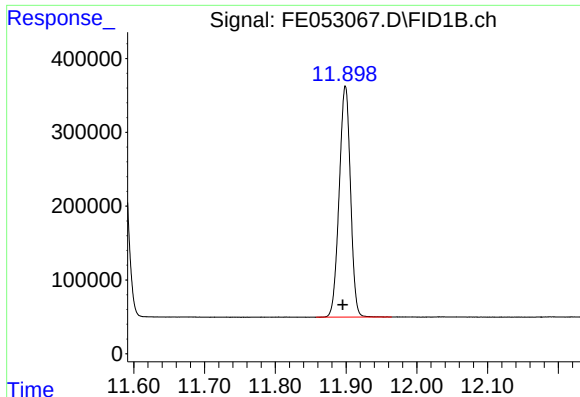
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: 0.003 min
Response: 3325358
Conc: 21.57 ug/ml



#8 n-Octadecane (C18)

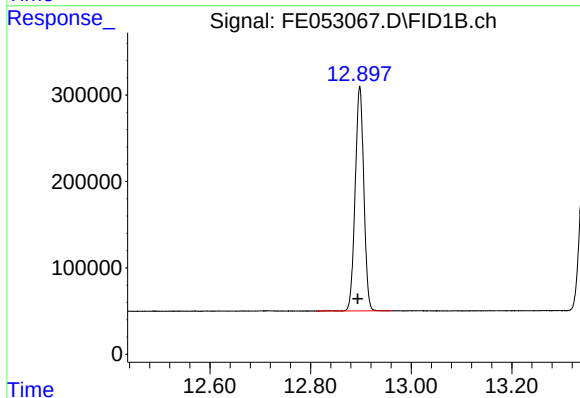
R.T.: 11.583 min
Delta R.T.: 0.003 min
Response: 3288492
Conc: 21.68 ug/ml



#9 ortho-Terphenyl (SURR)

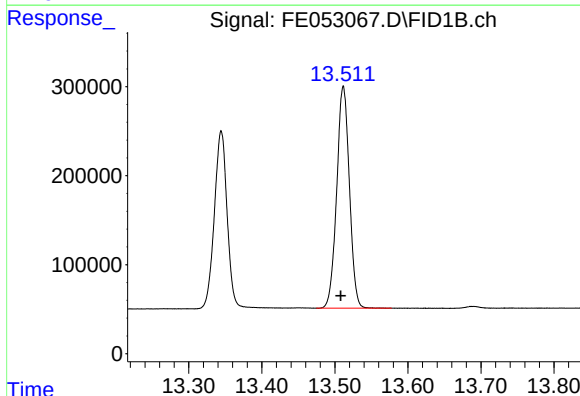
R.T.: 11.899 min
Delta R.T.: 0.004 min
Response: 3473253
Conc: 21.32 ug/ml

Instrument :
FID_E
ClientSampleId :



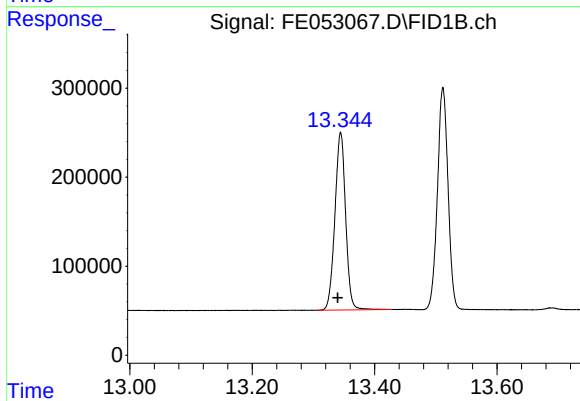
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: 0.004 min
Response: 3098146
Conc: 21.73 ug/ml



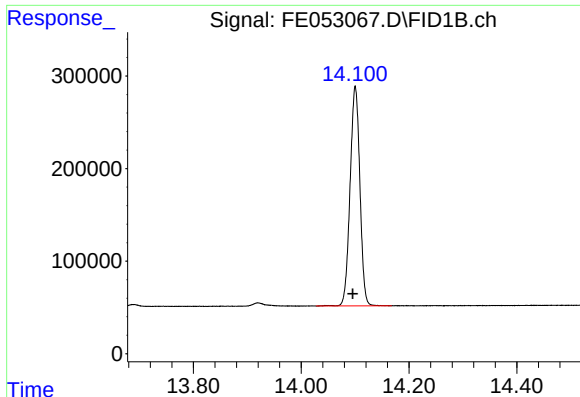
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: 0.004 min
Response: 3010245
Conc: 21.69 ug/ml



#12 1-chlorooctadecane (SURR)

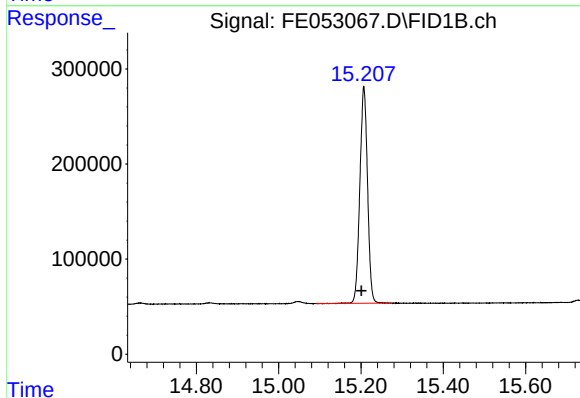
R.T.: 13.344 min
Delta R.T.: 0.005 min
Response: 2428096
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

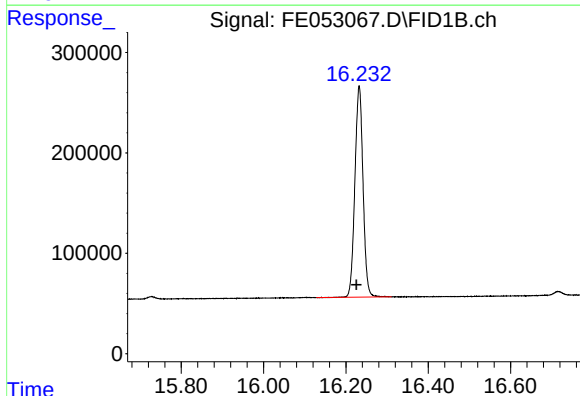
R.T.: 14.100 min
Delta R.T.: 0.005 min
Response: 2985287
Conc: 21.80 ug/ml

Instrument :
FID_E
ClientSampleId :



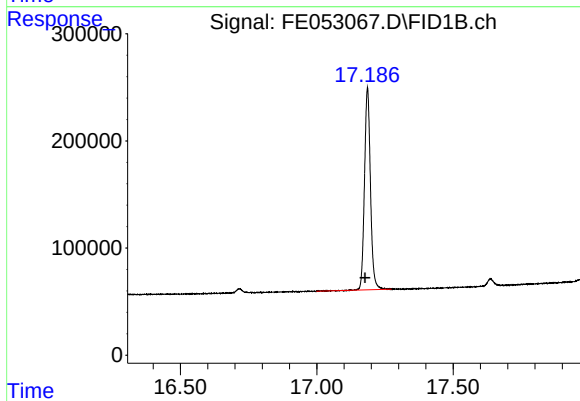
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: 0.006 min
Response: 2943392
Conc: 21.79 ug/ml



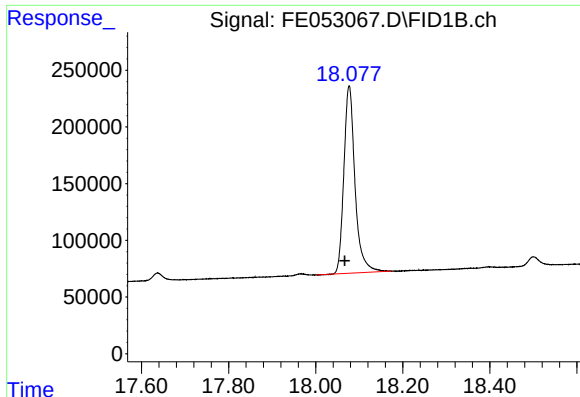
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.007 min
Response: 2890832
Conc: 21.67 ug/ml



#16 n-Octacosane (C28)

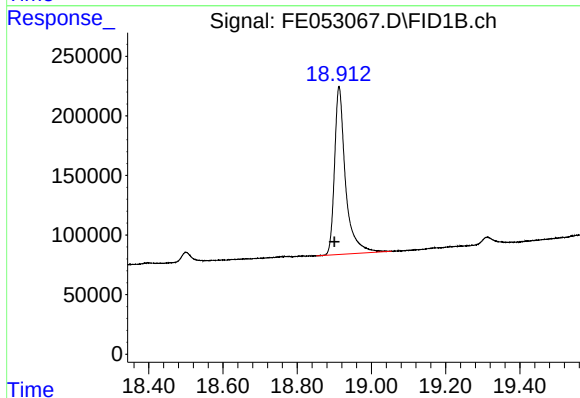
R.T.: 17.186 min
Delta R.T.: 0.009 min
Response: 2857665
Conc: 21.65 ug/ml



#17 n-Tricontane (C30)

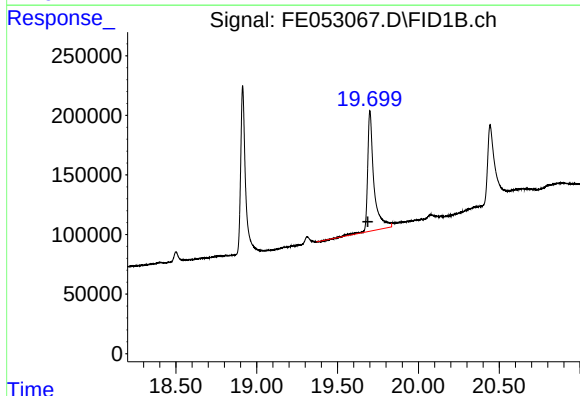
R.T.: 18.077 min
Delta R.T.: 0.011 min
Response: 2937309
Conc: 21.67 ug/ml

Instrument :
FID_E
ClientSampleId :



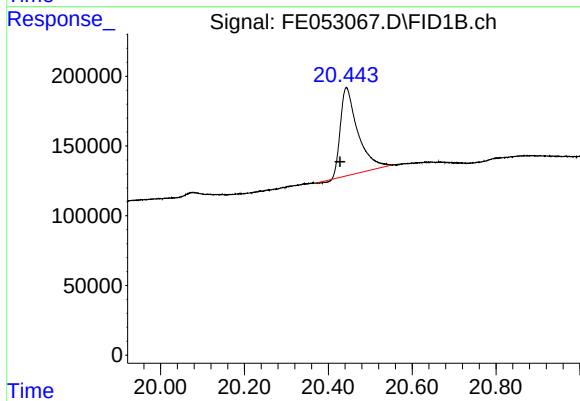
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: 0.012 min
Response: 2888996
Conc: 21.47 ug/ml



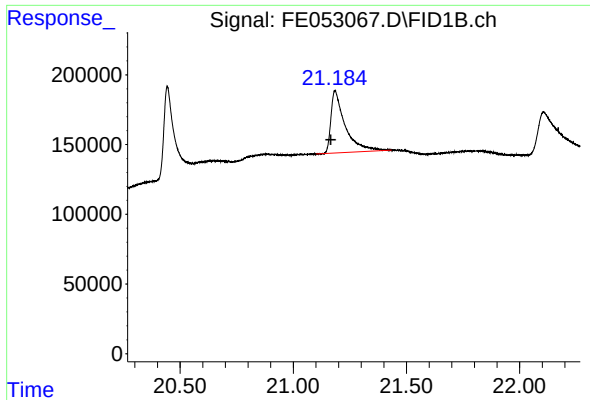
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: 0.014 min
Response: 2718204
Conc: 21.01 ug/ml



#20 n-Hexatriacontane (C36)

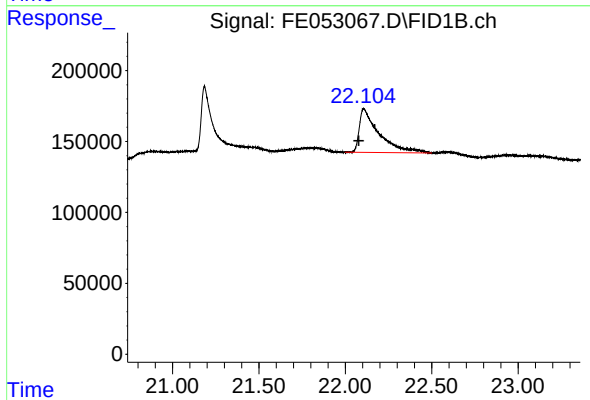
R.T.: 20.443 min
Delta R.T.: 0.016 min
Response: 1811279
Conc: 15.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.019 min
Response: 1960008
Conc: 17.05 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: 0.027 min
Response: 2430503
Conc: 21.64 ug/ml