

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100223AL\
 Data File : FE044538.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2023 09:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 00:18:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.923	3488529	18.582 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
12) S 1-chlorooctadecane (S...	13.363	2543074	18.693 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T n-Nonane (C9)	3.309	2948394	18.161 ug/ml
2) T n-Decane (C10)	4.560	3034388	18.325 ug/ml
3) T A~Naphthalene (C11.7)	6.262	3278771	18.339 ug/ml
4) T n-Dodecane (C12)	6.724	3062617	18.413 ug/ml
5) T A~2-methylnaphthalene...	7.357	3143774	18.375 ug/ml
6) T n-Tetradecane (C14)	8.551	3041894	18.529 ug/ml
7) T n-Hexadecane (C16)	10.162	3156257	18.631 ug/ml
8) T n-Octadecane (C18)	11.606	3174470	18.697 ug/ml
10) T n-Eicosane (C20)	12.918	3007196	18.691 ug/ml
11) T n-Heneicosane (C21)	13.531	2925036	18.680 ug/ml
13) T n-Docosane (C22)	14.117	2899928	18.802 ug/ml
14) T n-Tetracosane (C24)	15.221	2823773	18.680 ug/ml
15) T n-Hexacosane (C26)	16.243	2762881	18.783 ug/ml
16) T n-Octacosane (C28)	17.195	2790824	19.459 ug/ml
17) T n-Tricontane (C30)	18.084	3075543	20.748 ug/ml
18) T n-Dotriacontane (C32)	18.917	3176693	21.459 ug/ml
19) T n-Tetratriacontane (C34)	19.703	3085856	21.115 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2922887	20.150 ug/ml
21) T n-Octatriacontane (C38)	21.186	3269341	21.826 ug/ml
22) T n-Tetracontane (C40)	22.109	3712864	23.527 ug/ml

(f)=RT Delta > 1/2 Window

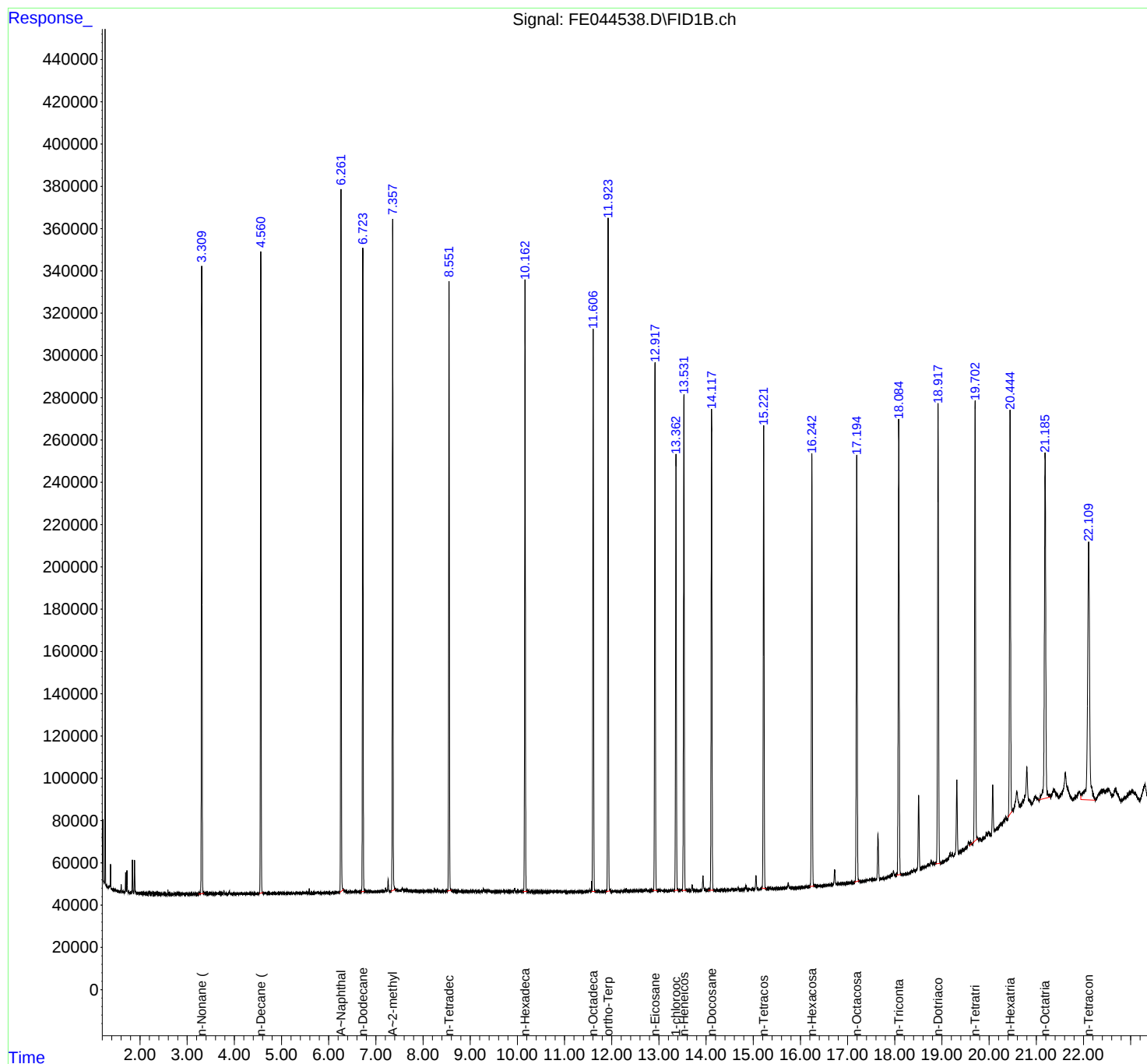
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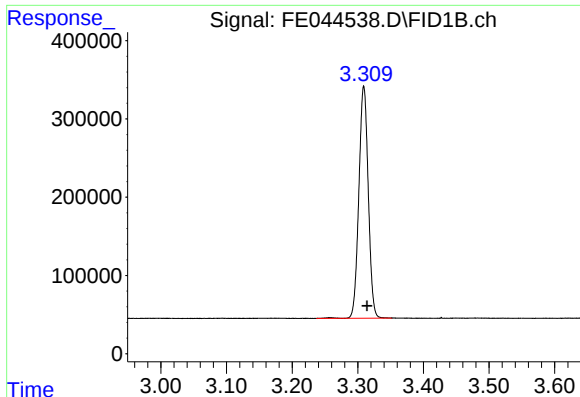
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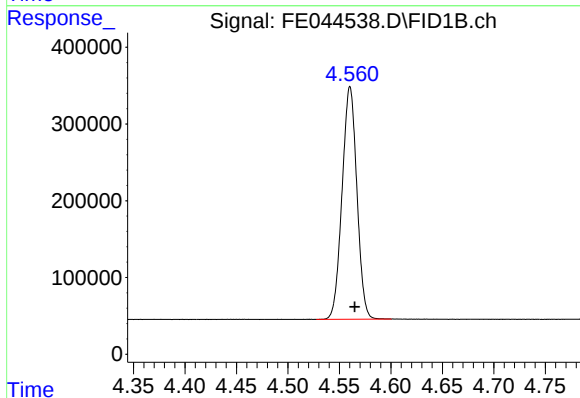




#1 n-Nonane (C9)

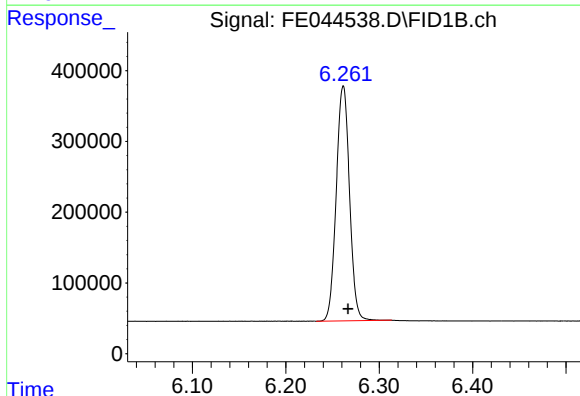
R.T.: 3.309 min
Delta R.T.: -0.005 min
Response: 2948394
Conc: 18.16 ug/ml

Instrument :
FID_E
ClientSampleId :



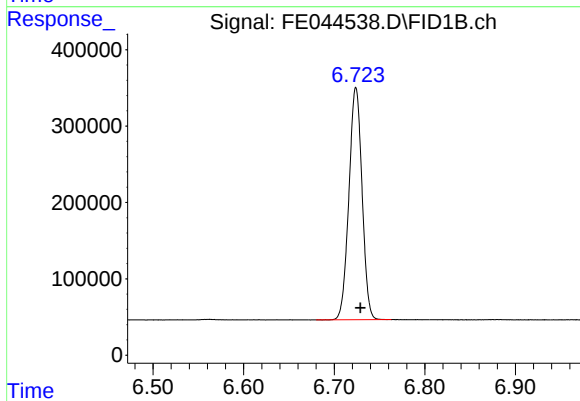
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.005 min
Response: 3034388
Conc: 18.32 ug/ml



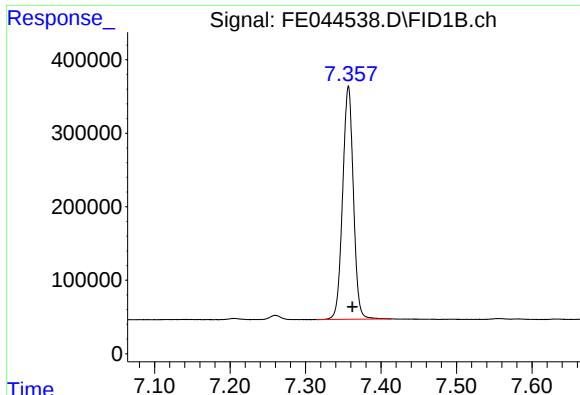
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.005 min
Response: 3278771
Conc: 18.34 ug/ml



#4 n-Dodecane (C12)

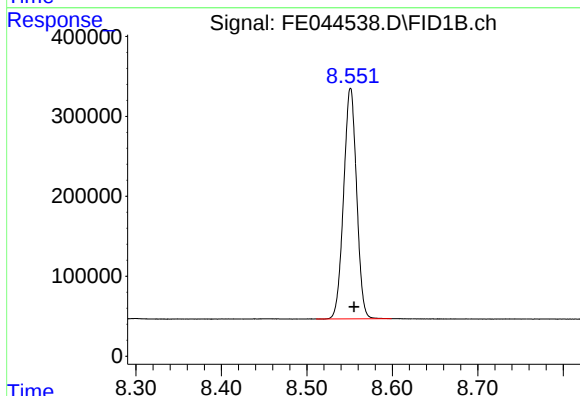
R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 3062617
Conc: 18.41 ug/ml



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

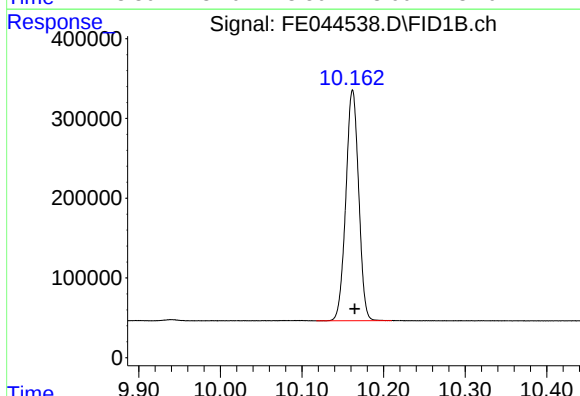
R.T.: 7.357 min
Delta R.T.: -0.005 min
Response: 3143774
Conc: 18.38 ug/ml

Instrument :
FID_E
ClientSampleId :



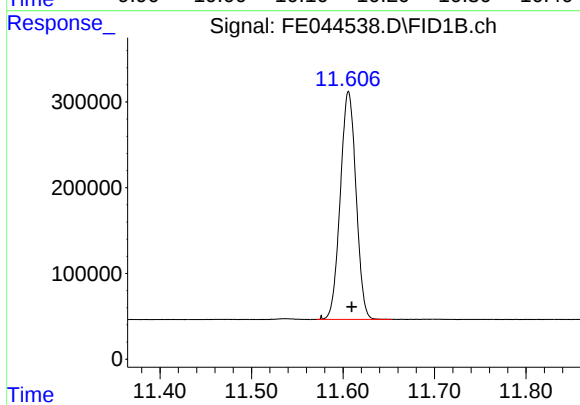
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.004 min
Response: 3041894
Conc: 18.53 ug/ml



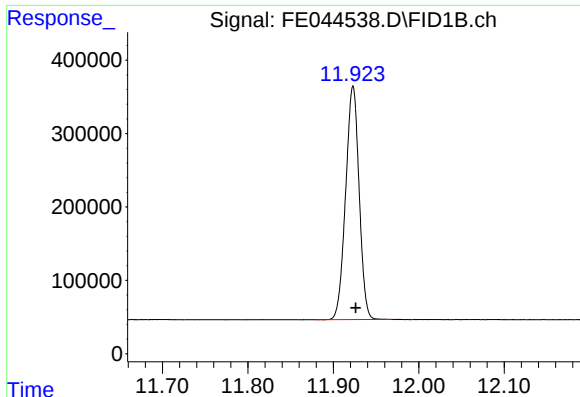
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.003 min
Response: 3156257
Conc: 18.63 ug/ml



#8 n-Octadecane (C18)

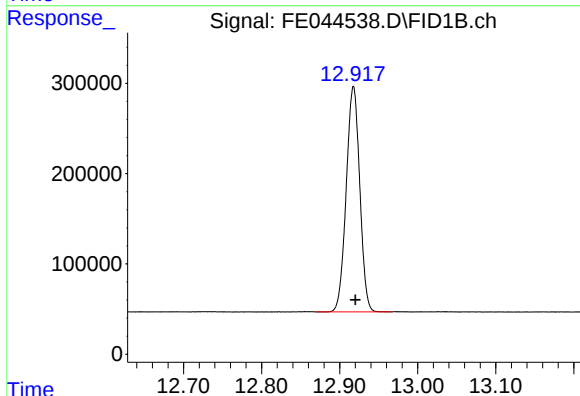
R.T.: 11.606 min
Delta R.T.: -0.003 min
Response: 3174470
Conc: 18.70 ug/ml



#9 ortho-Terphenyl (SURR)

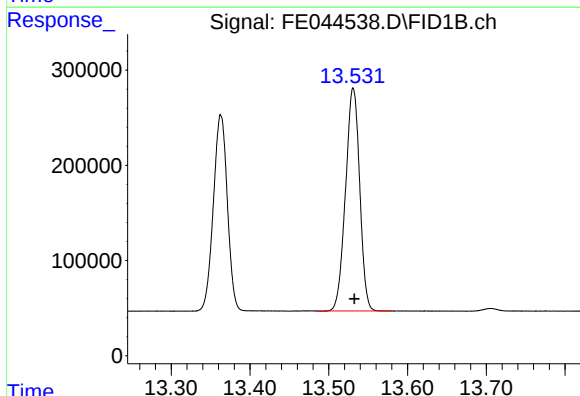
R.T.: 11.923 min
Delta R.T.: -0.003 min
Response: 3488529
Conc: 18.58 ug/ml

Instrument :
FID_E
ClientSampleId :



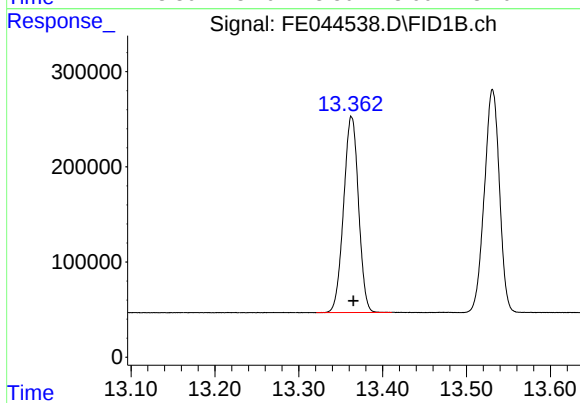
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: -0.002 min
Response: 3007196
Conc: 18.69 ug/ml



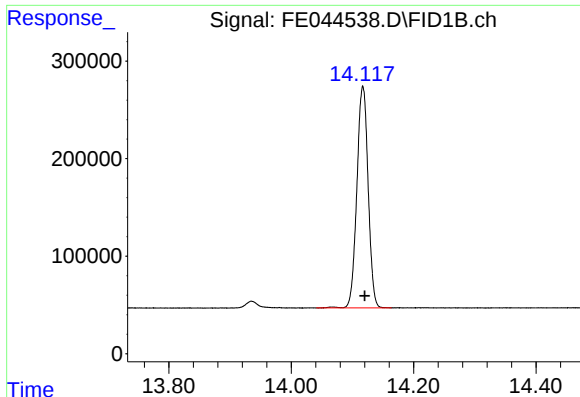
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.001 min
Response: 2925036
Conc: 18.68 ug/ml



#12 1-chlorooctadecane (SURR)

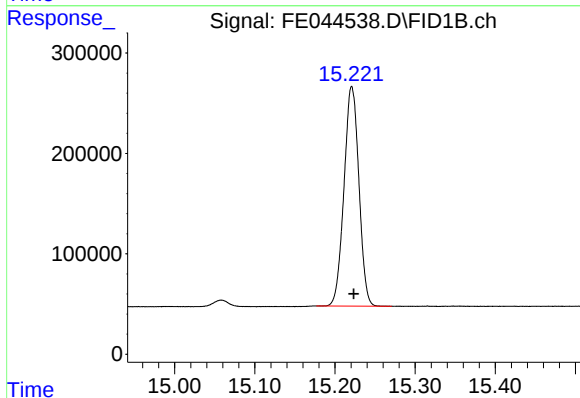
R.T.: 13.363 min
Delta R.T.: -0.002 min
Response: 2543074
Conc: 18.69 ug/ml



#13 n-Docosane (C22)

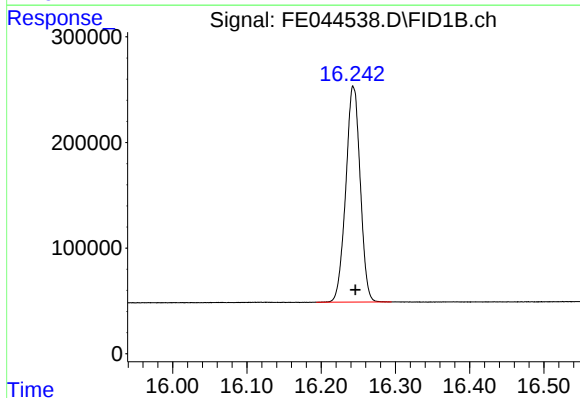
R.T.: 14.117 min
Delta R.T.: -0.003 min
Response: 2899928
Conc: 18.80 ug/ml

Instrument :
FID_E
ClientSampleId :



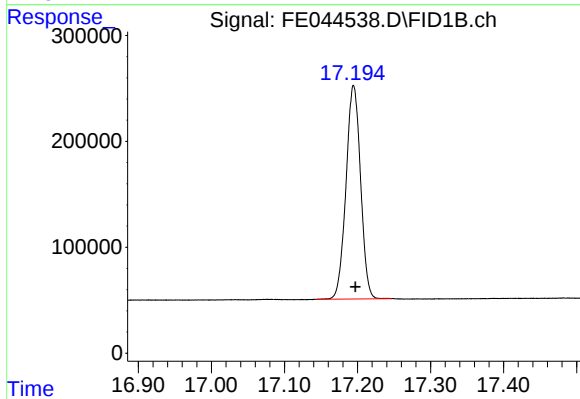
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.002 min
Response: 2823773
Conc: 18.68 ug/ml



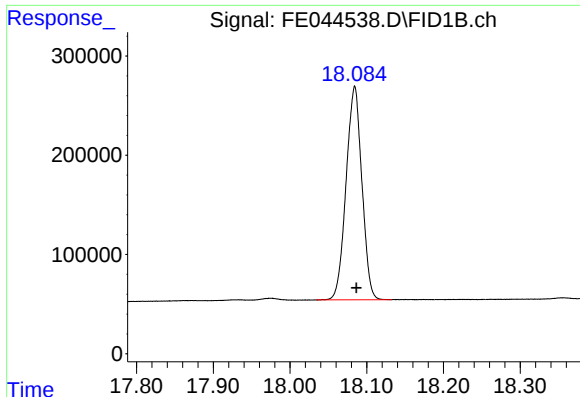
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: -0.003 min
Response: 2762881
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

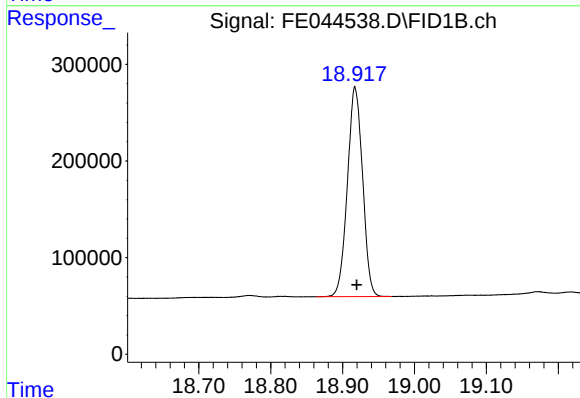
R.T.: 17.195 min
Delta R.T.: -0.002 min
Response: 2790824
Conc: 19.46 ug/ml



#17 n-Tricontane (C30)

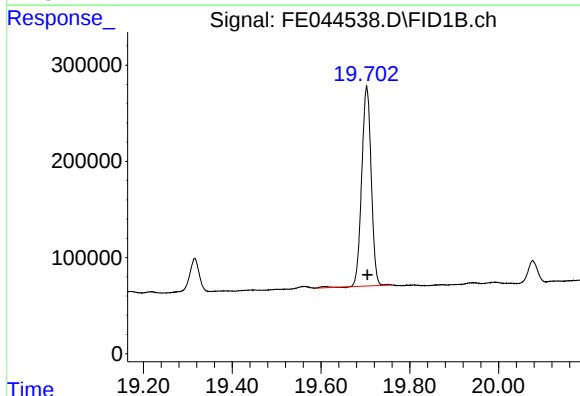
R.T.: 18.084 min
Delta R.T.: -0.002 min
Response: 3075543
Conc: 20.75 ug/ml

Instrument :
FID_E
ClientSampleId :



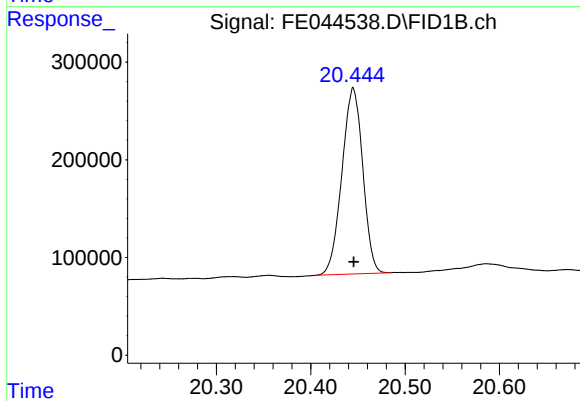
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.002 min
Response: 3176693
Conc: 21.46 ug/ml



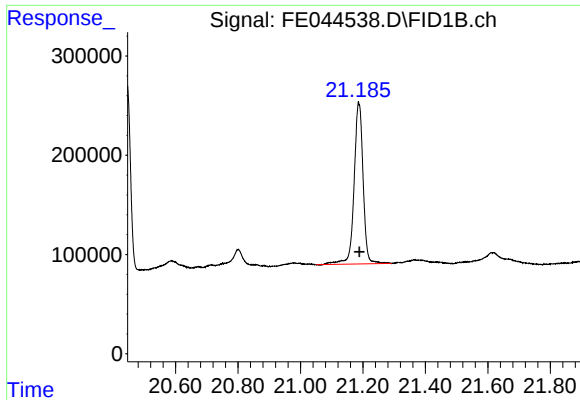
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.002 min
Response: 3085856
Conc: 21.12 ug/ml



#20 n-Hexatriacontane (C36)

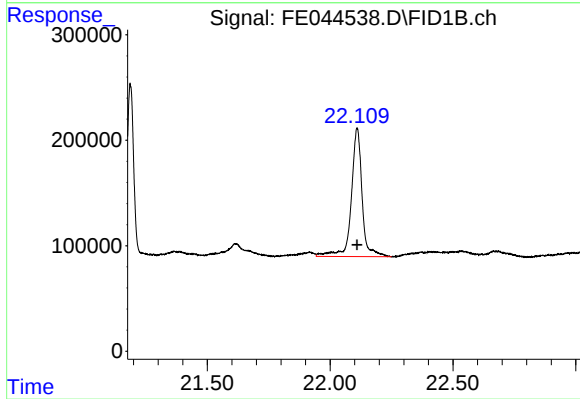
R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 2922887
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.002 min
Response: 3269341
Conc: 21.83 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: 0.000 min
Response: 3712864
Conc: 23.53 ug/ml