

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120123AL\
 Data File : FE045607.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2023 06:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 01 09:46:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.862	3921904	18.755 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
12) S 1-chlorooctadecane (S...	13.305	2919312	18.554 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
Target Compounds			
1) T n-Nonane (C9)	3.251	3007215	18.964 ug/ml
2) T n-Decane (C10)	4.501	3119735	19.482 ug/ml
3) T A~Naphthalene (C11.7)	6.200	3410750	19.580 ug/ml
4) T n-Dodecane (C12)	6.667	3172533	19.641 ug/ml
5) T A~2-methylnaphthalene...	7.297	3340978	19.674 ug/ml
6) T n-Tetradecane (C14)	8.494	3159177	19.693 ug/ml
7) T n-Hexadecane (C16)	10.104	3242480	19.581 ug/ml
8) T n-Octadecane (C18)	11.549	3304527	19.274 ug/ml
10) T n-Eicosane (C20)	12.860	3251832	18.794 ug/ml
11) T n-Heneicosane (C21)	13.473	3186501	18.523 ug/ml
13) T n-Docosane (C22)	14.060	3208352	18.608 ug/ml
14) T n-Tetracosane (C24)	15.165	3235165	18.531 ug/ml
15) T n-Hexacosane (C26)	16.189	3202389	18.388 ug/ml
16) T n-Octacosane (C28)	17.139	3171542	18.350 ug/ml
17) T n-Tricontane (C30)	18.029	3191604	18.243 ug/ml
18) T n-Dotriacontane (C32)	18.863	3258877	17.863 ug/ml
19) T n-Tetratriacontane (C34)	19.649	2878334	17.347 ug/ml
20) T n-Hexatriacontane (C36)	20.392	2714384	17.100 ug/ml
21) T n-Octatriacontane (C38)	21.125	2666593	17.004 ug/ml
22) T n-Tetracontane (C40)	22.028	2911116	20.484 ug/ml

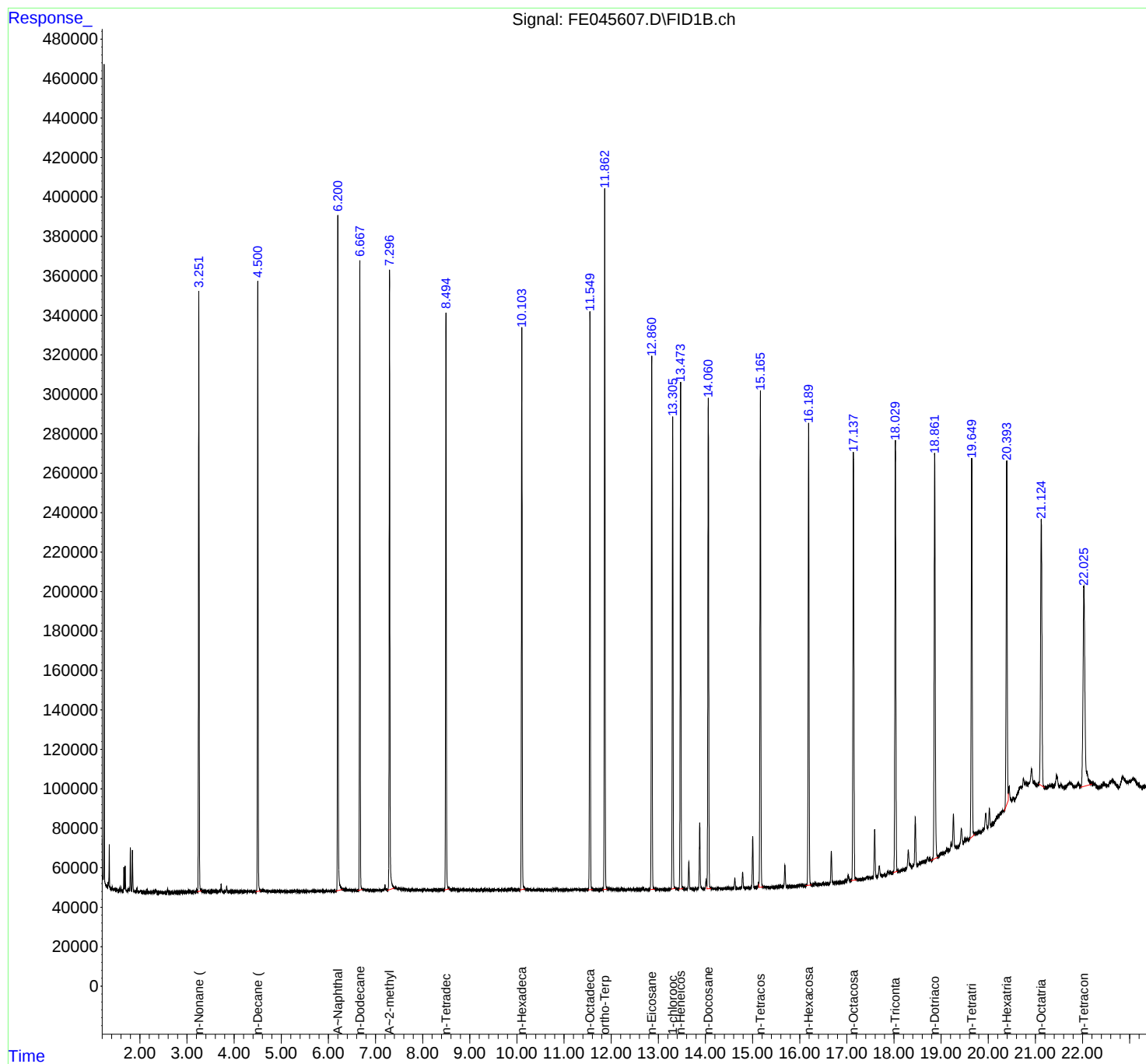
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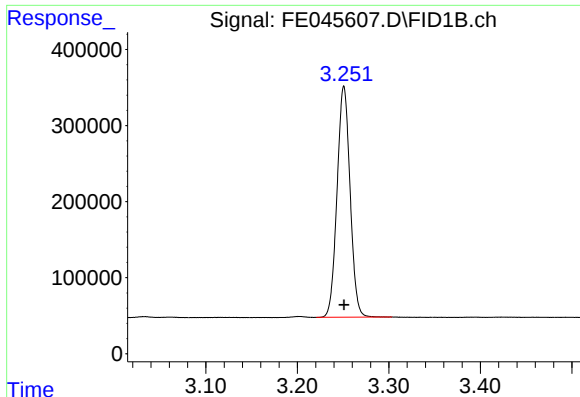
(m)=manual int.

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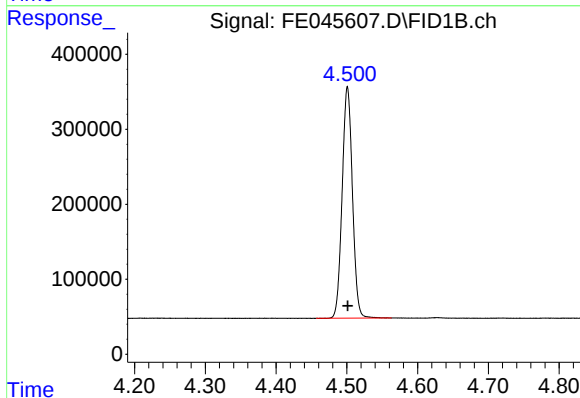
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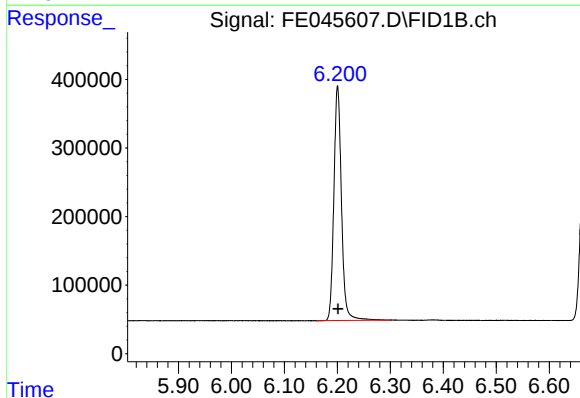
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 3007215
Conc: 18.96 ug/ml



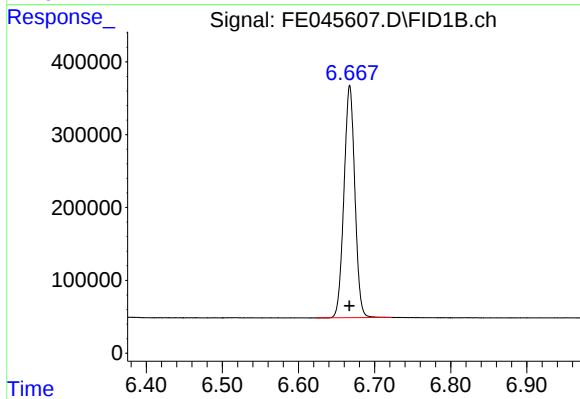
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3119735
Conc: 19.48 ug/ml



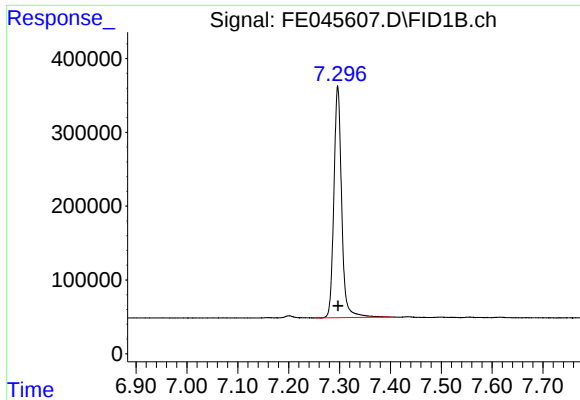
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.001 min
Response: 3410750
Conc: 19.58 ug/ml



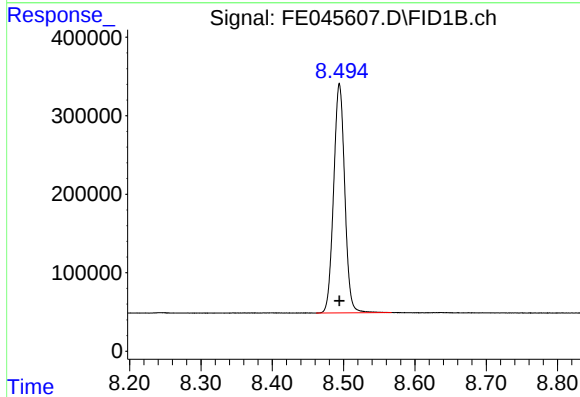
#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 3172533
Conc: 19.64 ug/ml



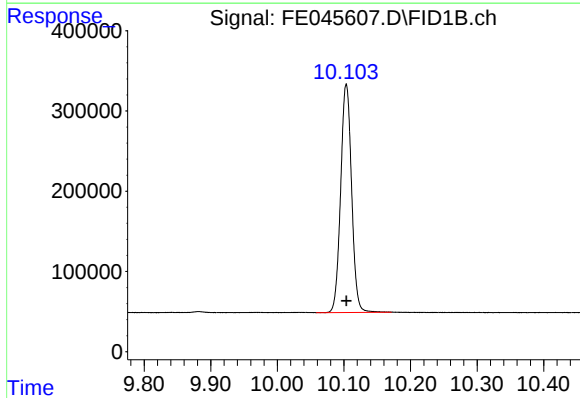
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 3340978
Conc: 19.67 ug/ml



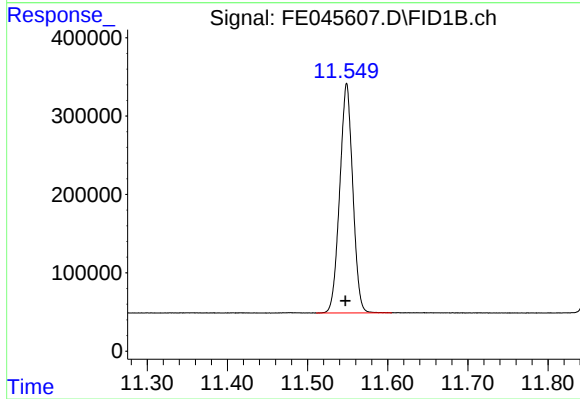
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 3159177
Conc: 19.69 ug/ml



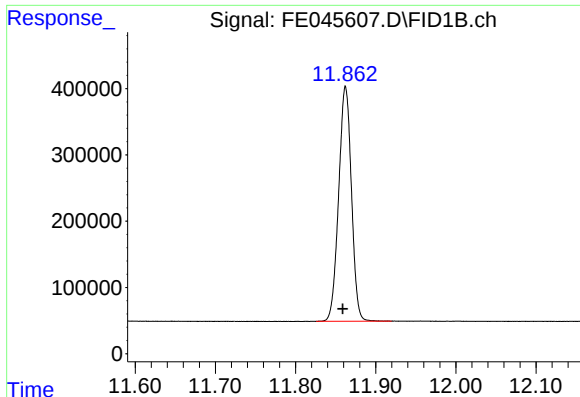
#7 n-Hexadecane (C16)

R.T.: 10.104 min
Delta R.T.: 0.000 min
Response: 3242480
Conc: 19.58 ug/ml



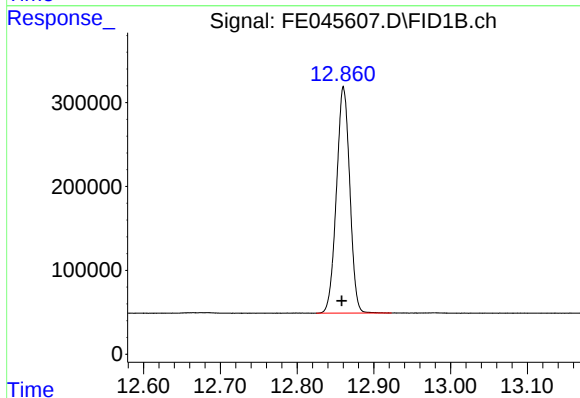
#8 n-Octadecane (C18)

R.T.: 11.549 min
Delta R.T.: 0.002 min
Response: 3304527
Conc: 19.27 ug/ml



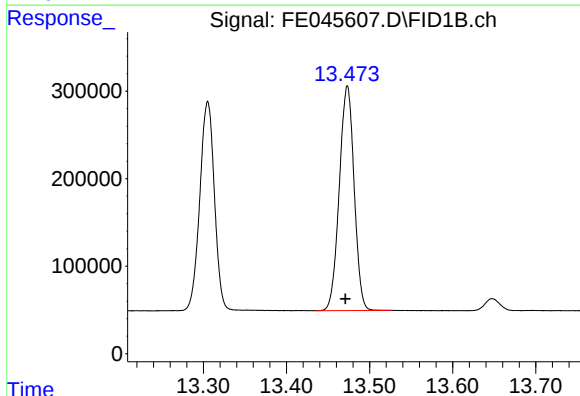
#9 ortho-Terphenyl (SURR)

R.T.: 11.862 min
Delta R.T.: 0.003 min
Response: 3921904
Conc: 18.75 ug/ml



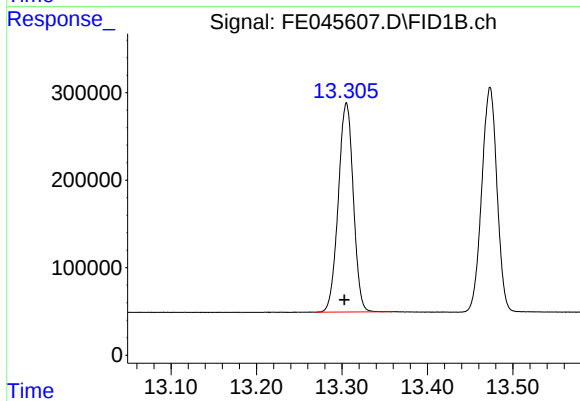
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: 0.002 min
Response: 3251832
Conc: 18.79 ug/ml



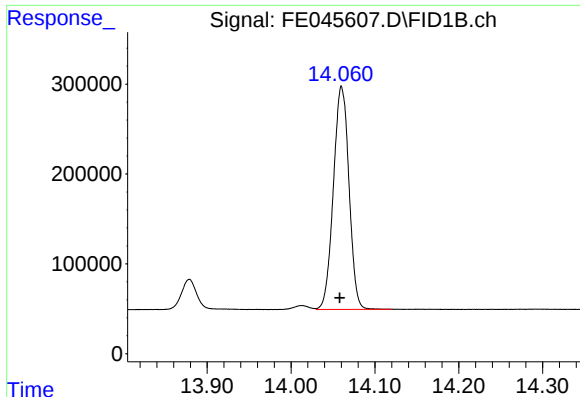
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: 0.002 min
Response: 3186501
Conc: 18.52 ug/ml



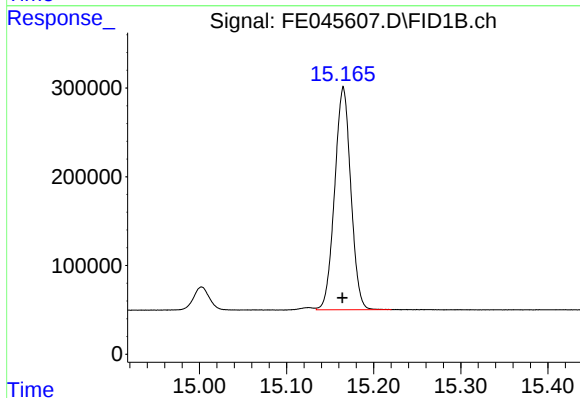
#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: 0.002 min
Response: 2919312
Conc: 18.55 ug/ml



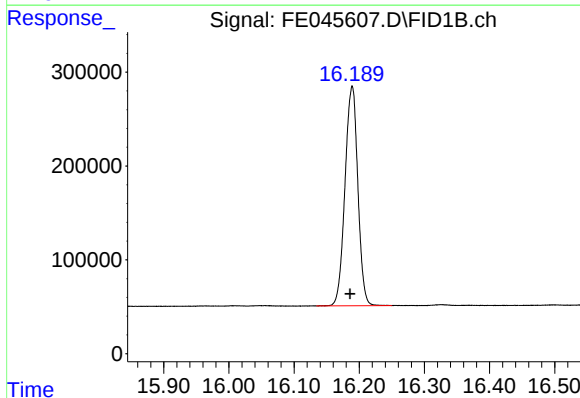
#13 n-Docosane (C22)

R.T.: 14.060 min
Delta R.T.: 0.002 min
Response: 3208352
Conc: 18.61 ug/ml



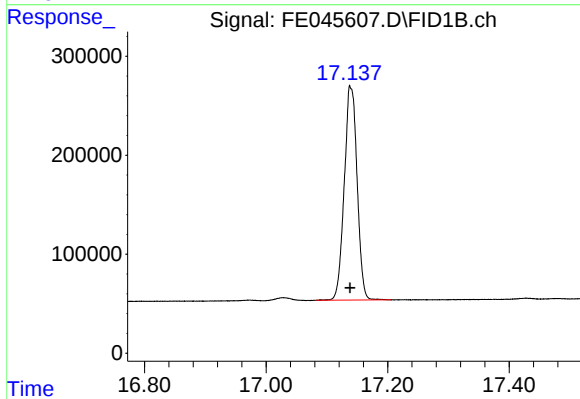
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: 0.001 min
Response: 3235165
Conc: 18.53 ug/ml



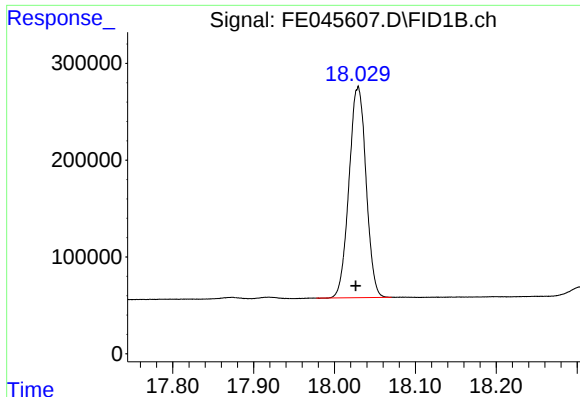
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.003 min
Response: 3202389
Conc: 18.39 ug/ml



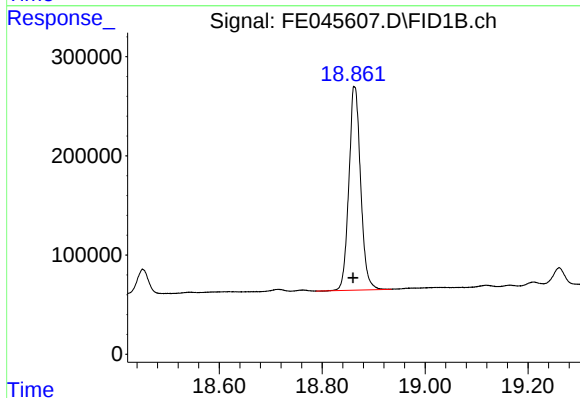
#16 n-Octacosane (C28)

R.T.: 17.139 min
Delta R.T.: 0.000 min
Response: 3171542
Conc: 18.35 ug/ml



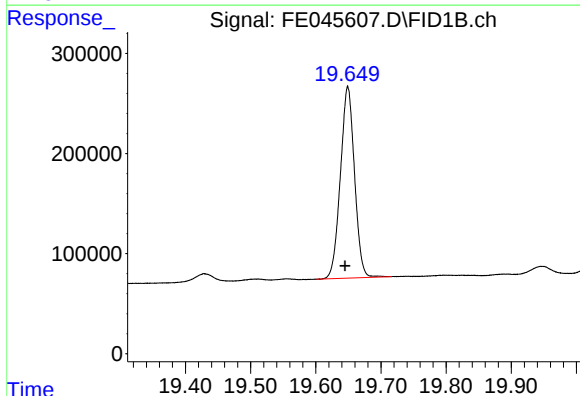
#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: 0.003 min
Response: 3191604
Conc: 18.24 ug/ml



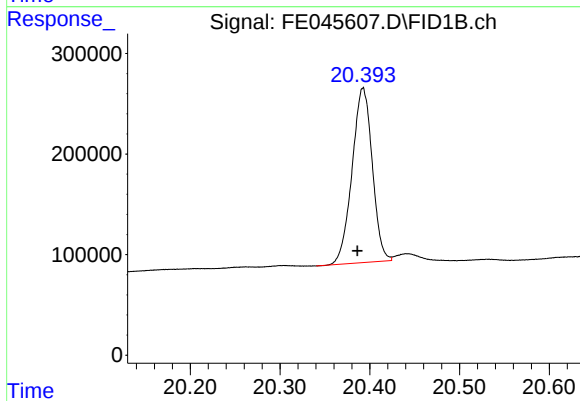
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.003 min
Response: 3258877
Conc: 17.86 ug/ml



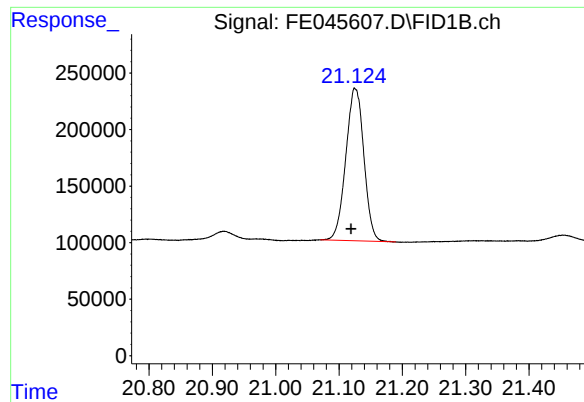
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: 0.004 min
Response: 2878334
Conc: 17.35 ug/ml



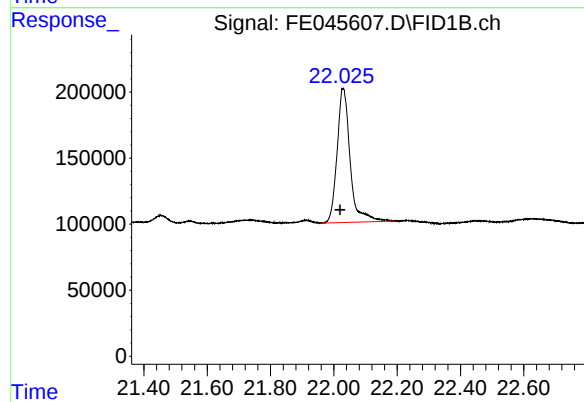
#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.006 min
Response: 2714384
Conc: 17.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.006 min
Response: 2666593
Conc: 17.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.028 min
Delta R.T.: 0.008 min
Response: 2911116
Conc: 20.48 ug/ml