

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071722AL\
 Data File : FE036531.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2022 22:12
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 01:37:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 01:36:11 2022
 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)	11.852	8811800	47.122 ug/ml
Spiked Amount 50.000		Recovery =	94.24%
12) S 1-chlorooctadecane (S...	13.292	7209619	47.002 ug/ml
Spiked Amount 50.000		Recovery =	94.00%
Target Compounds			
1) T n-Nonane (C9)	3.240	7341679	47.788 ug/ml
2) T n-Decane (C10)	4.496	7367935	47.814 ug/ml
3) T A~Naphthalene (C11.7)	6.196	8237021	47.985 ug/ml
4) T n-Dodecane (C12)	6.665	7509757	47.719 ug/ml
5) T A~2-methylnaphthalene...	7.292	8338532	48.193 ug/ml
6) T n-Tetradecane (C14)	8.491	7737575	47.475 ug/ml
7) T n-Hexadecane (C16)	10.097	7849366	47.461 ug/ml
8) T n-Octadecane (C18)	11.540	8045298	47.091 ug/ml
10) T n-Eicosane (C20)	12.847	8016475	46.851 ug/ml
11) T n-Heneicosane (C21)	13.460	8061046	46.778 ug/ml
13) T n-Docosane (C22)	14.045	8039704	46.740 ug/ml
14) T n-Tetracosane (C24)	15.148	8016640	46.561 ug/ml
15) T n-Hexacosane (C26)	16.169	7857846	46.473 ug/ml
16) T n-Octacosane (C28)	17.118	7677683	46.446 ug/ml
17) T n-Tricontane (C30)	18.006	7112239	46.331 ug/ml
18) T n-Dotriacontane (C32)	18.835	5583882	46.170 ug/ml
19) T n-Tetratriacontane (C34)	19.619	3903154	46.715 ug/ml
20) T n-Hexatriacontane (C36)	20.357	2837026	48.749 ug/mlm
21) T n-Octatriacontane (C38)	21.079	2368593	47.351 ug/ml
22) T n-Tetracontane (C40)	21.962	2269517	44.863 ug/mlm

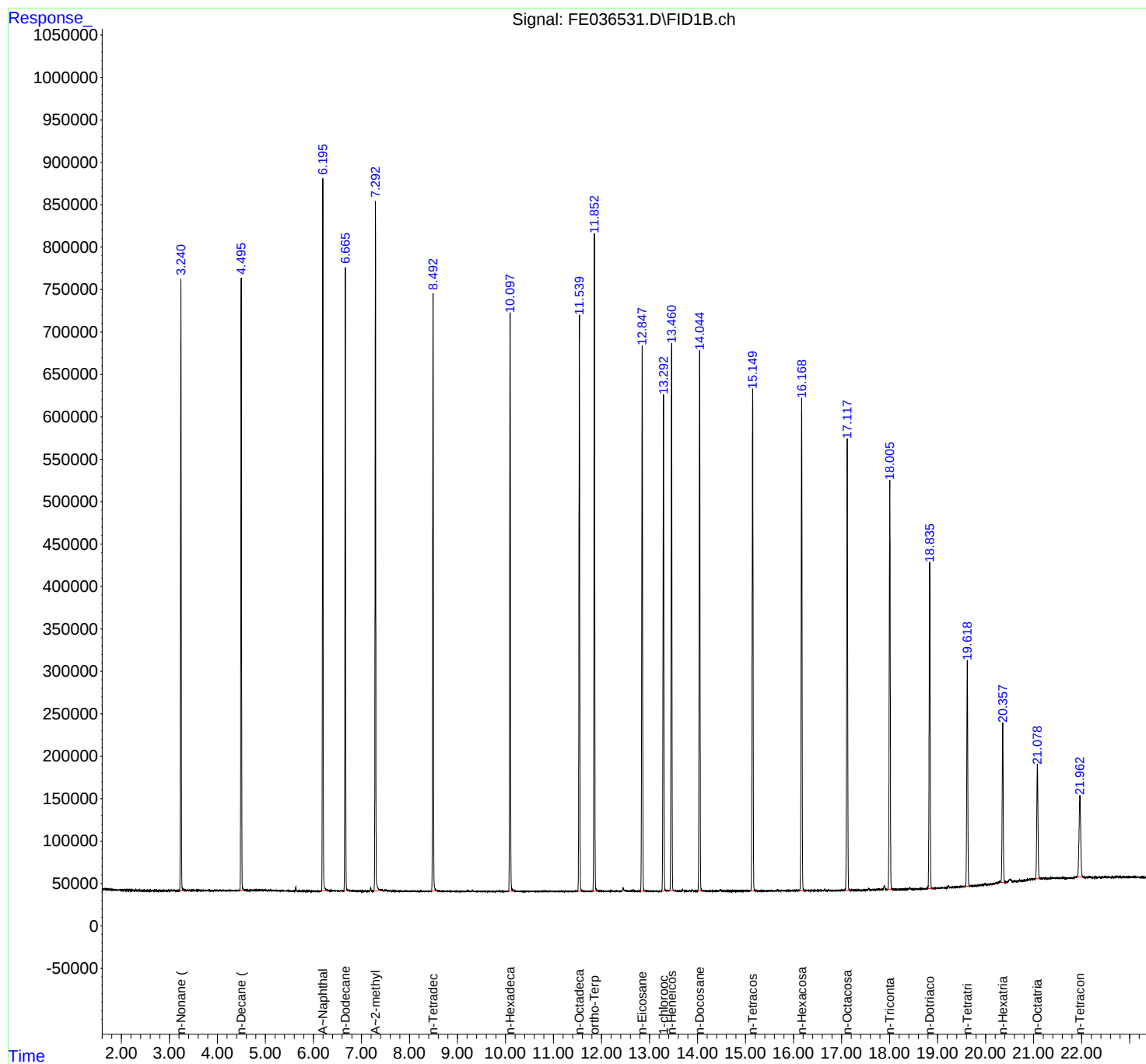
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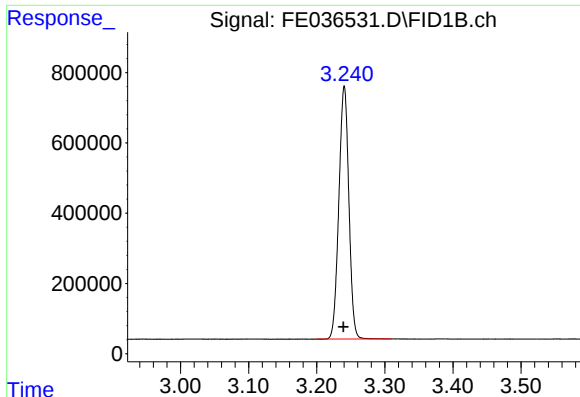
(m)=manual int.

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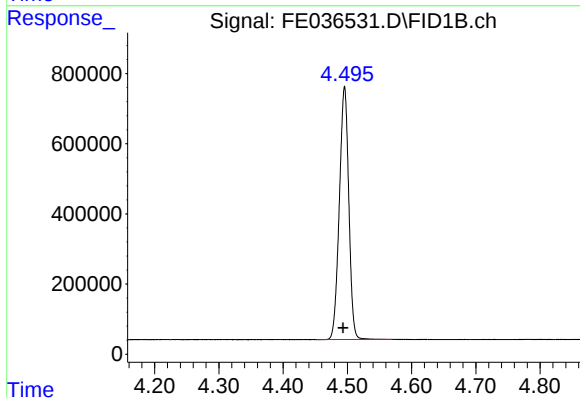
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Signal Info : 20M x 0.18mm x 0.18um





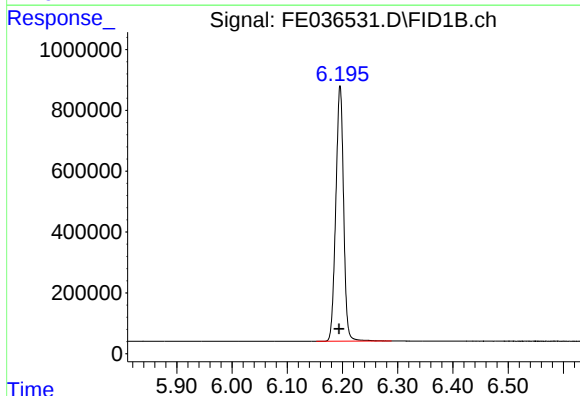
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.002 min
Response: 7341679
Conc: 47.79 ug/ml



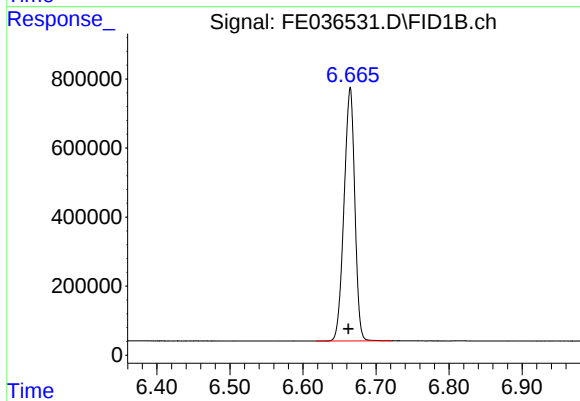
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: 0.002 min
Response: 7367935
Conc: 47.81 ug/ml



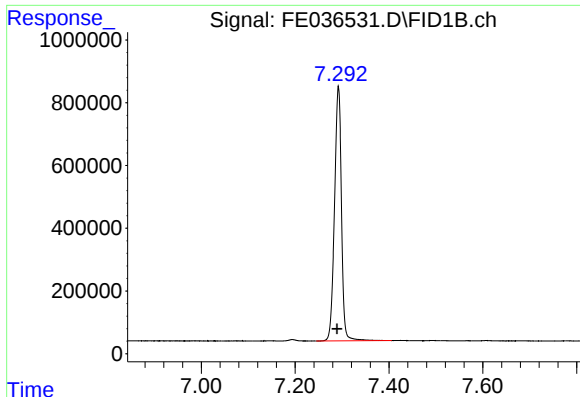
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: 0.002 min
Response: 8237021
Conc: 47.99 ug/ml



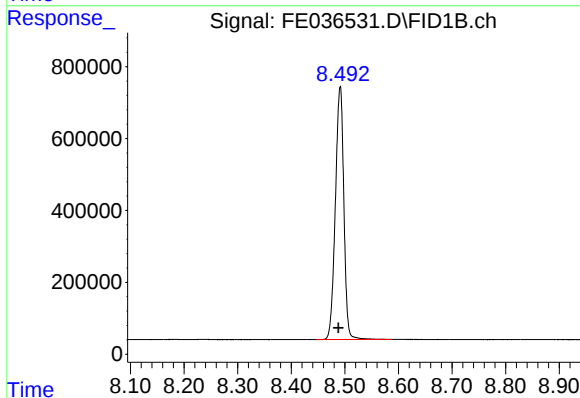
#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: 0.003 min
Response: 7509757
Conc: 47.72 ug/ml



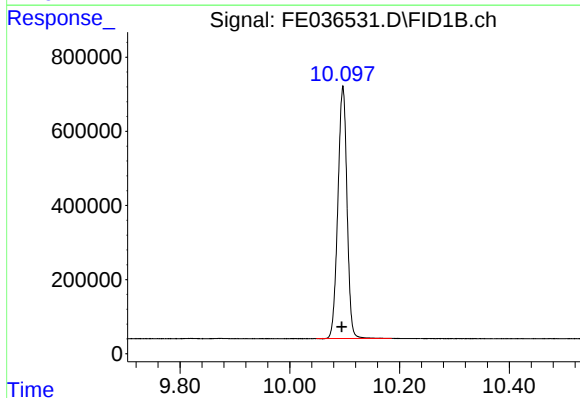
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.292 min
Delta R.T.: 0.003 min
Response: 8338532
Conc: 48.19 ug/ml



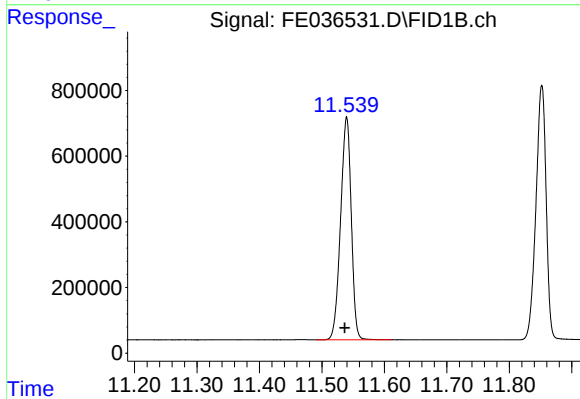
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: 0.003 min
Response: 7737575
Conc: 47.48 ug/ml



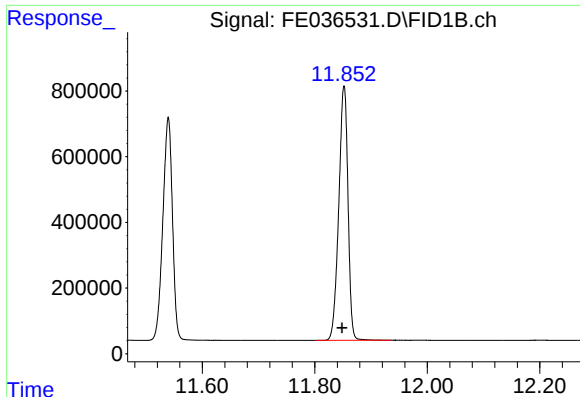
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: 0.002 min
Response: 7849366
Conc: 47.46 ug/ml



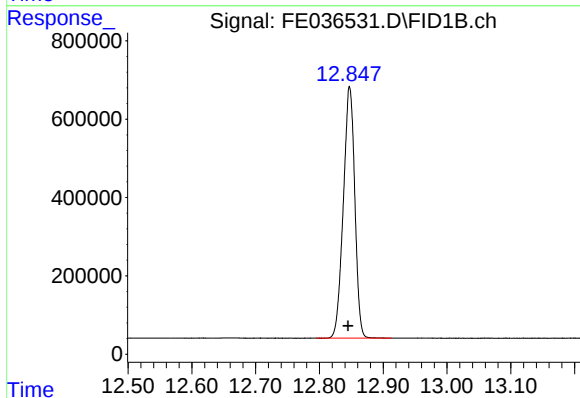
#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: 0.003 min
Response: 8045298
Conc: 47.09 ug/ml



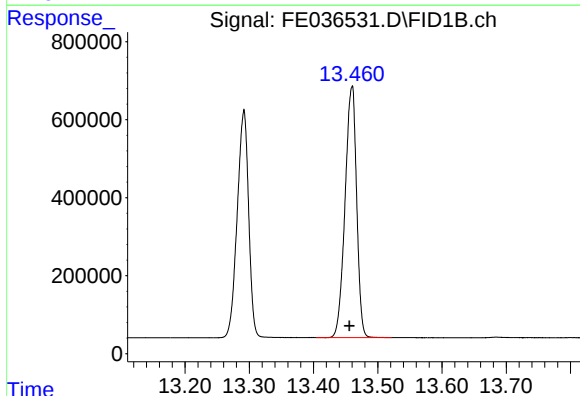
#9 ortho-Terphenyl (SURR)

R.T.: 11.852 min
Delta R.T.: 0.004 min
Response: 8811800
Conc: 47.12 ug/ml



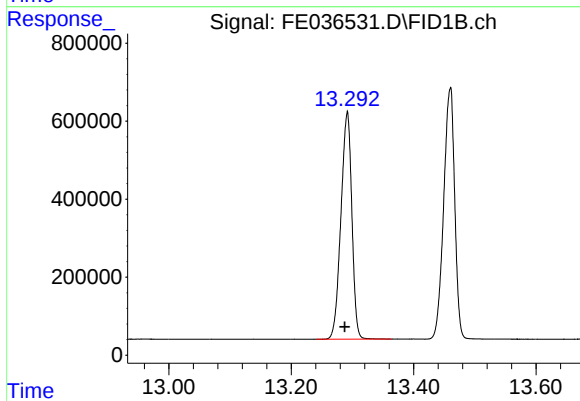
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: 0.003 min
Response: 8016475
Conc: 46.85 ug/ml



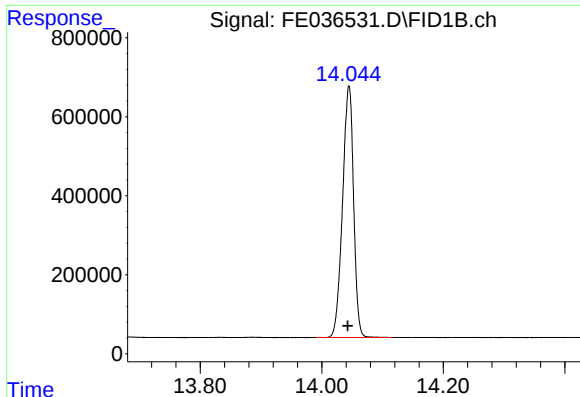
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: 0.004 min
Response: 8061046
Conc: 46.78 ug/ml



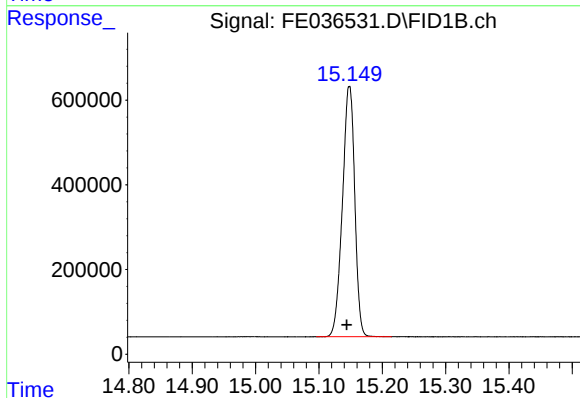
#12 1-chlorooctadecane (SURR)

R.T.: 13.292 min
Delta R.T.: 0.004 min
Response: 7209619
Conc: 47.00 ug/ml



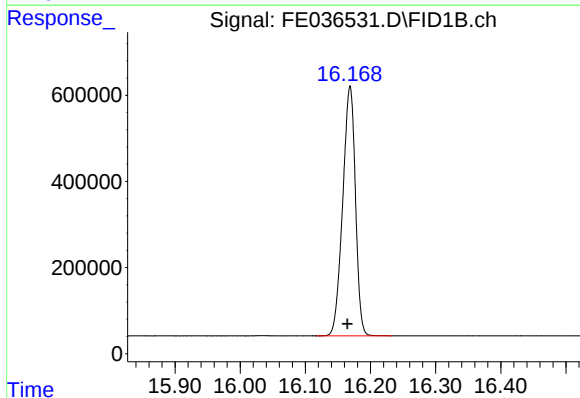
#13 n-Docosane (C22)

R.T.: 14.045 min
Delta R.T.: 0.002 min
Response: 8039704
Conc: 46.74 ug/ml



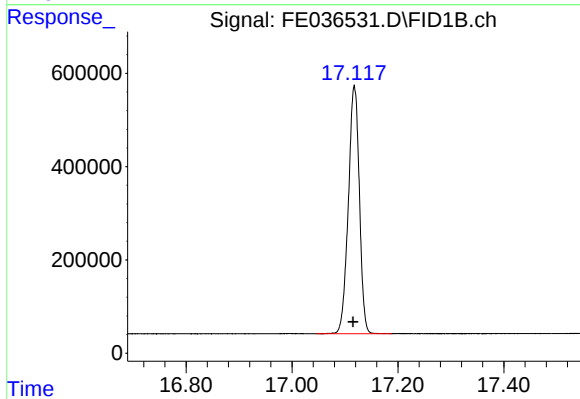
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: 0.004 min
Response: 8016640
Conc: 46.56 ug/ml



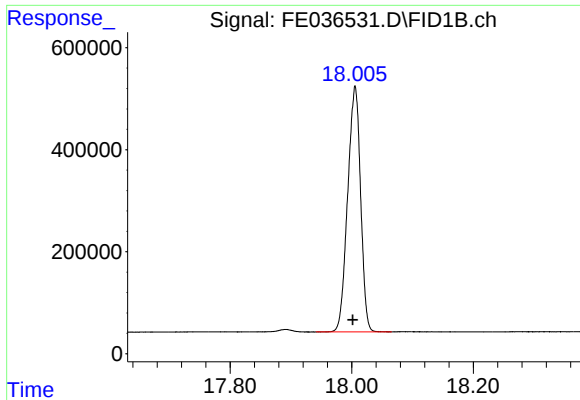
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: 0.004 min
Response: 7857846
Conc: 46.47 ug/ml



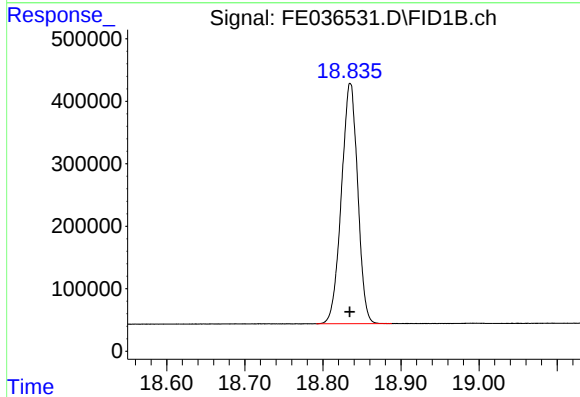
#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: 0.003 min
Response: 7677683
Conc: 46.45 ug/ml



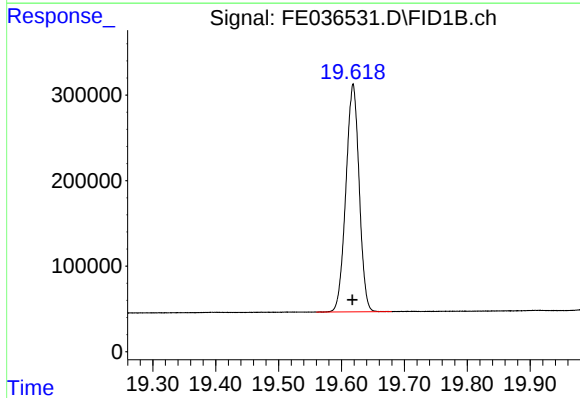
#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: 0.004 min
Response: 7112239
Conc: 46.33 ug/ml



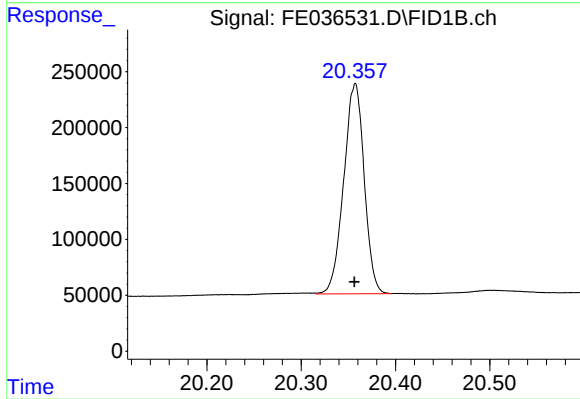
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: 0.000 min
Response: 5583882
Conc: 46.17 ug/ml



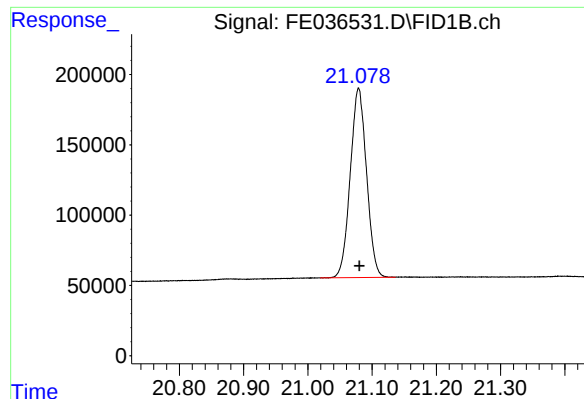
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.001 min
Response: 3903154
Conc: 46.71 ug/ml



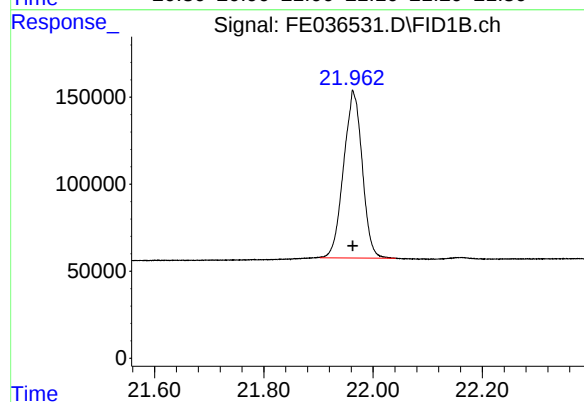
#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: 0.000 min
Response: 2837026
Conc: 48.75 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.001 min
Response: 2368593
Conc: 47.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: 0.000 min
Response: 2269517
Conc: 44.86 ug/ml m