

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AL\
 Data File : FD046809.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2023 05:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 05:48:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 05:30:45 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)	11.376	4381772	20.422 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	12.810	3239966	20.565 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
Target Compounds			
1) T n-Nonane (C9)	3.212	3329074	20.156 ug/ml
2) T n-Decane (C10)	4.264	3380510	20.389 ug/ml
3) T A~Naphthalene (C11.7)	5.823	3761207	20.430 ug/ml
4) T n-Dodecane (C12)	6.266	3452298	20.490 ug/ml
5) T A~2-methylnaphthalene...	6.872	3698684	20.428 ug/ml
6) T n-Tetradecane (C14)	8.049	3438903	20.414 ug/ml
7) T n-Hexadecane (C16)	9.640	3534451	20.490 ug/ml
8) T n-Octadecane (C18)	11.072	3646460	20.472 ug/ml
10) T n-Eicosane (C20)	12.372	3625607	20.503 ug/ml
11) T n-Heneicosane (C21)	12.979	3603179	20.502 ug/ml
13) T n-Docosane (C22)	13.562	3616188	20.603 ug/ml
14) T n-Tetracosane (C24)	14.656	3639451	20.725 ug/ml
15) T n-Hexacosane (C26)	15.669	3527528	20.972 ug/ml
16) T n-Octacosane (C28)	16.612	3403585	21.087 ug/ml
17) T n-Tricontane (C30)	17.492	3345230	21.072 ug/ml
18) T n-Dotriacontane (C32)	18.316	3218205	21.063 ug/ml
19) T n-Tetratriacontane (C34)	19.094	2967094	20.732 ug/ml
20) T n-Hexatriacontane (C36)	19.827	2781618	20.744 ug/ml
21) T n-Octatriacontane (C38)	20.524	2624896	20.764 ug/ml
22) T n-Tetracontane (C40)	21.335	2431473	20.927 ug/ml

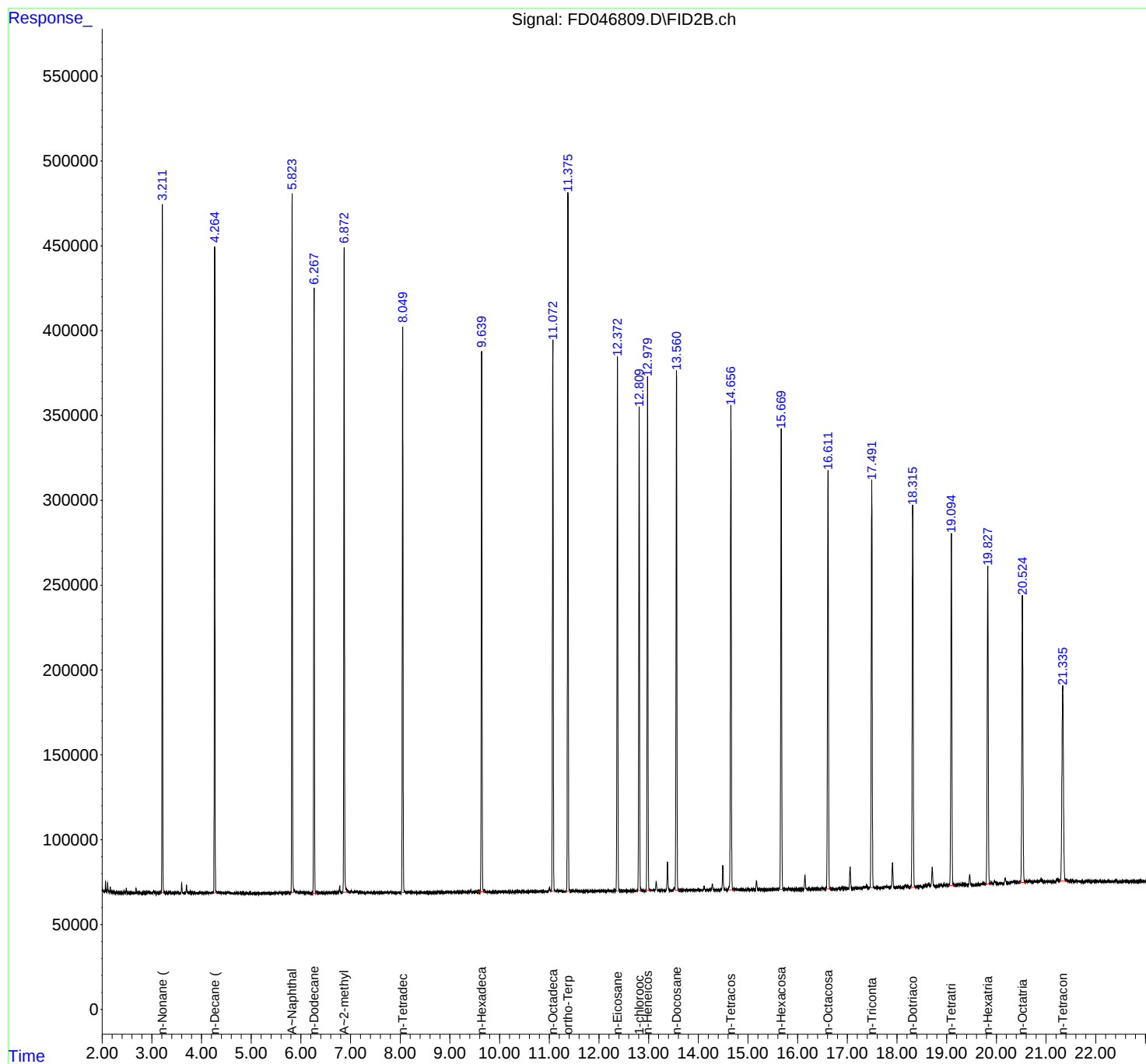
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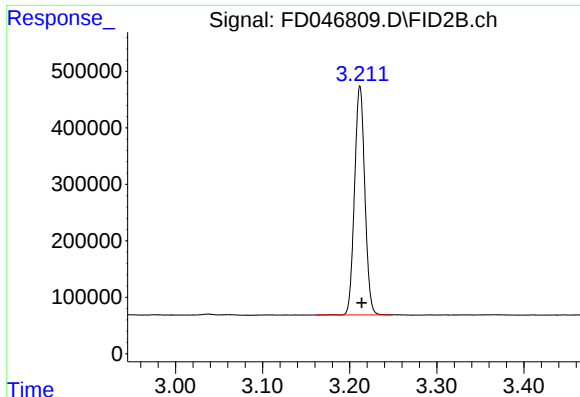
(m)=manual int.

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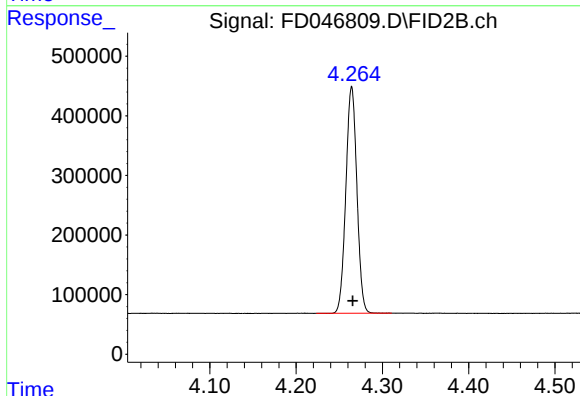
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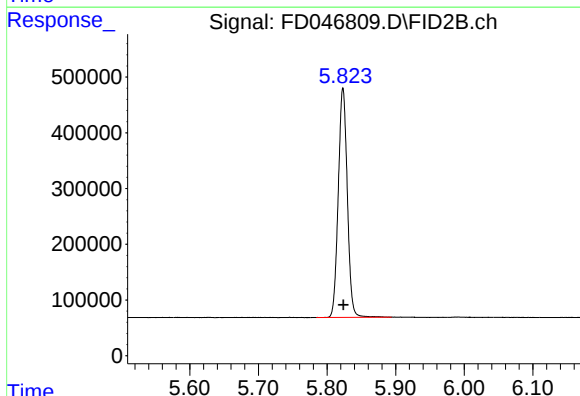
#1 n-Nonane (C9)

R.T.: 3.212 min
Delta R.T.: -0.002 min
Response: 3329074
Conc: 20.16 ug/ml



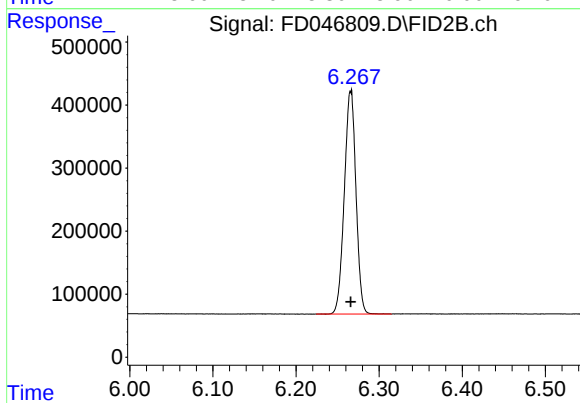
#2 n-Decane (C10)

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 3380510
Conc: 20.39 ug/ml



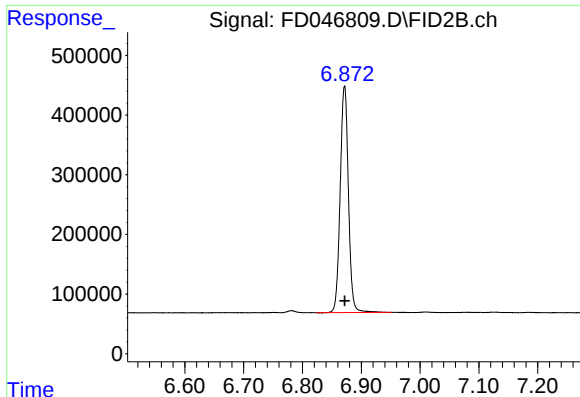
#3 A~Naphthalene (C11.7)

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 3761207
Conc: 20.43 ug/ml



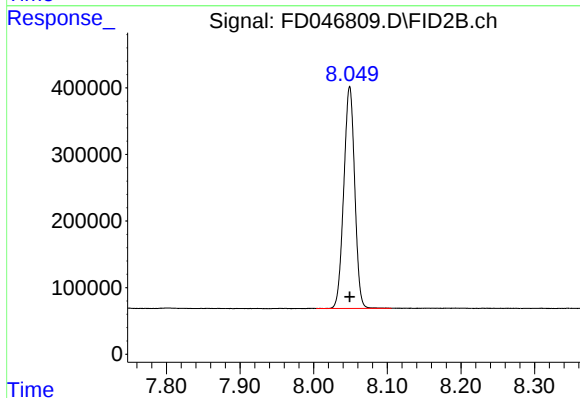
#4 n-Dodecane (C12)

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 3452298
Conc: 20.49 ug/ml



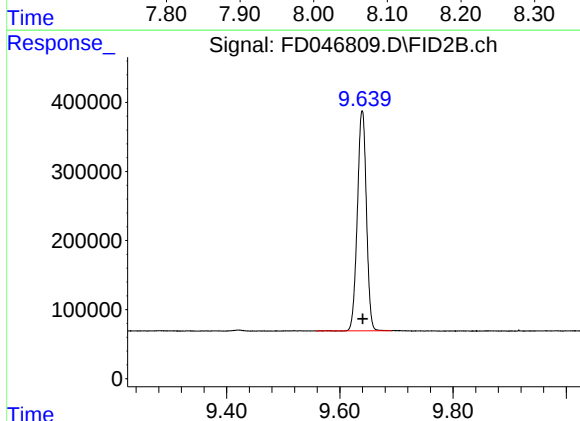
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 3698684
Conc: 20.43 ug/ml



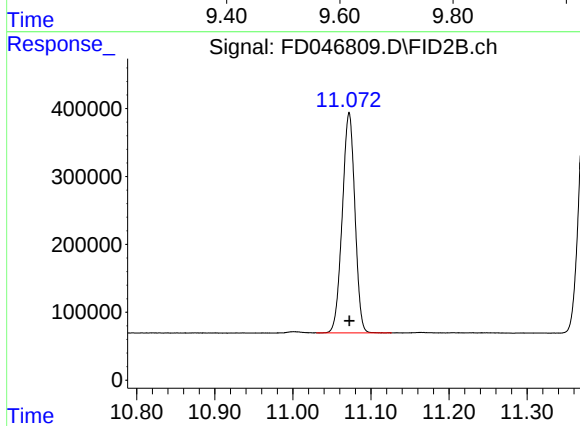
#6 n-Tetradecane (C14)

R.T.: 8.049 min
Delta R.T.: 0.000 min
Response: 3438903
Conc: 20.41 ug/ml



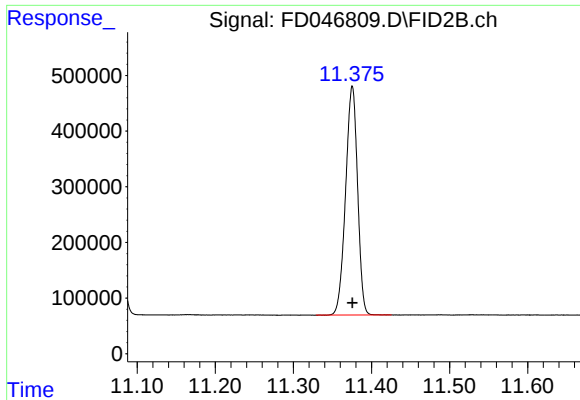
#7 n-Hexadecane (C16)

R.T.: 9.640 min
Delta R.T.: 0.000 min
Response: 3534451
Conc: 20.49 ug/ml



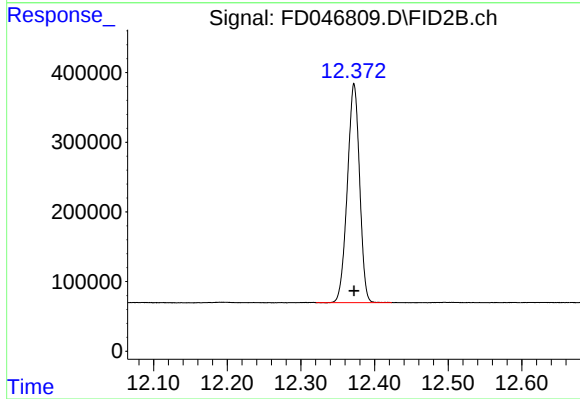
#8 n-Octadecane (C18)

R.T.: 11.072 min
Delta R.T.: 0.000 min
Response: 3646460
Conc: 20.47 ug/ml



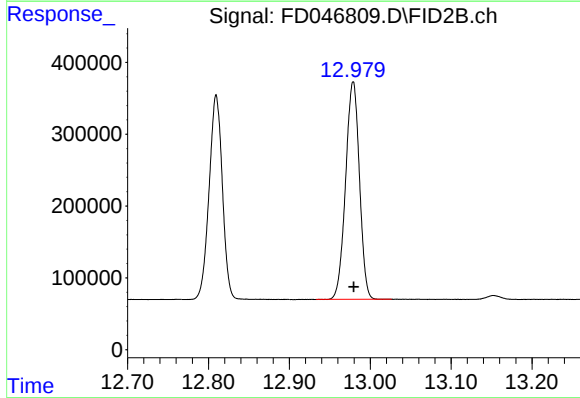
#9 ortho-Terphenyl (SURR)

R.T.: 11.376 min
Delta R.T.: 0.000 min
Response: 4381772
Conc: 20.42 ug/ml



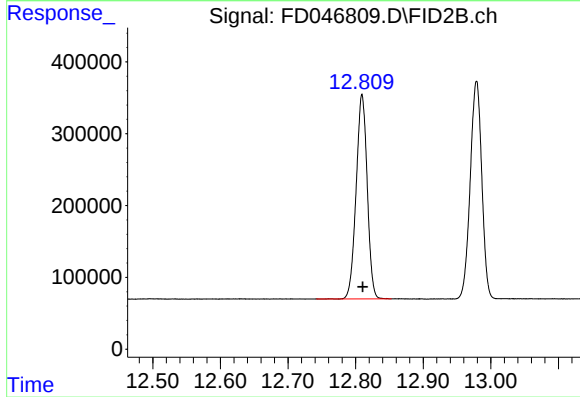
#10 n-Eicosane (C20)

R.T.: 12.372 min
Delta R.T.: 0.000 min
Response: 3625607
Conc: 20.50 ug/ml



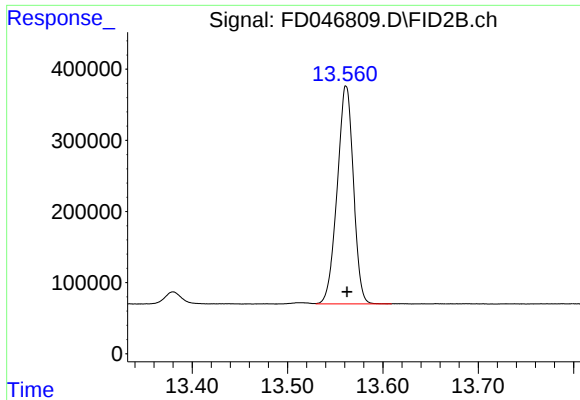
#11 n-Heneicosane (C21)

R.T.: 12.979 min
Delta R.T.: 0.000 min
Response: 3603179
Conc: 20.50 ug/ml



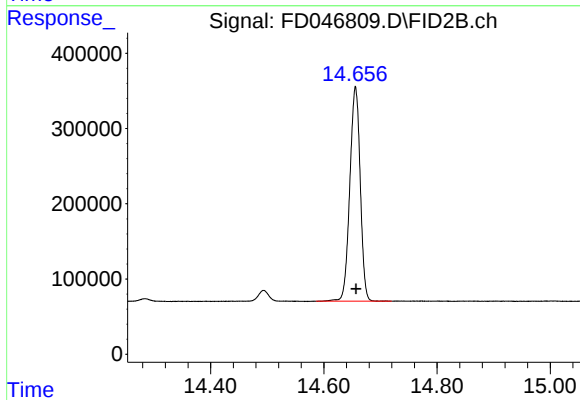
#12 1-chlorooctadecane (SURR)

R.T.: 12.810 min
Delta R.T.: -0.001 min
Response: 3239966
Conc: 20.56 ug/ml



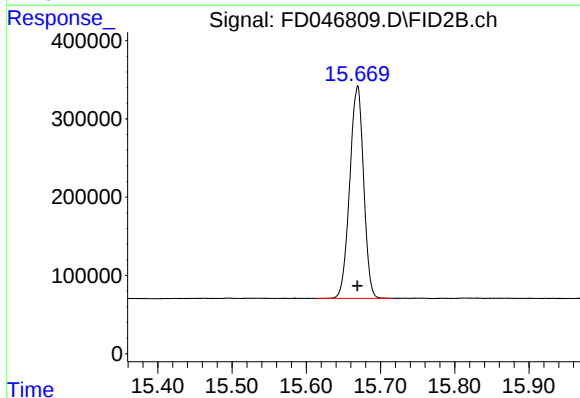
#13 n-Docosane (C22)

R.T.: 13.562 min
Delta R.T.: 0.000 min
Response: 3616188
Conc: 20.60 ug/ml



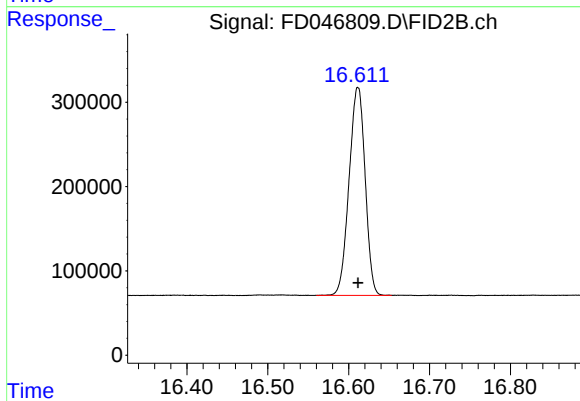
#14 n-Tetracosane (C24)

R.T.: 14.656 min
Delta R.T.: 0.000 min
Response: 3639451
Conc: 20.72 ug/ml



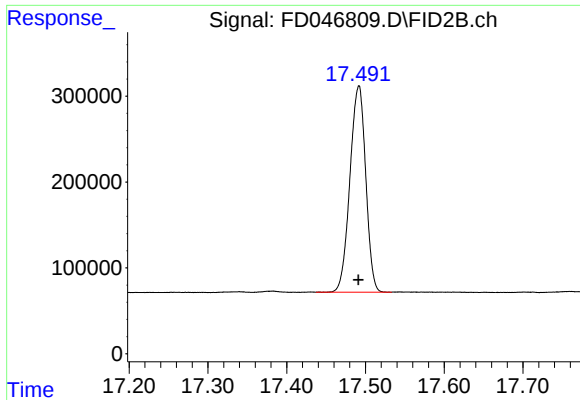
#15 n-Hexacosane (C26)

R.T.: 15.669 min
Delta R.T.: 0.000 min
Response: 3527528
Conc: 20.97 ug/ml



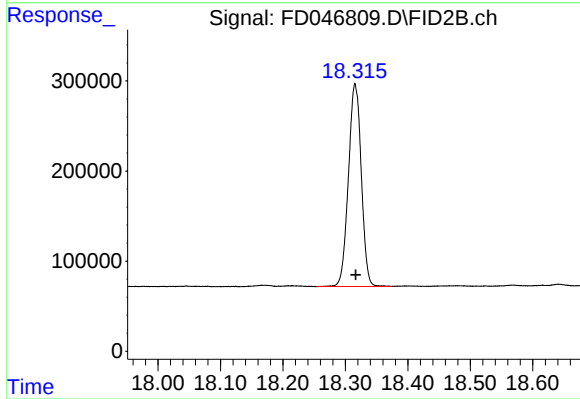
#16 n-Octacosane (C28)

R.T.: 16.612 min
Delta R.T.: 0.000 min
Response: 3403585
Conc: 21.09 ug/ml



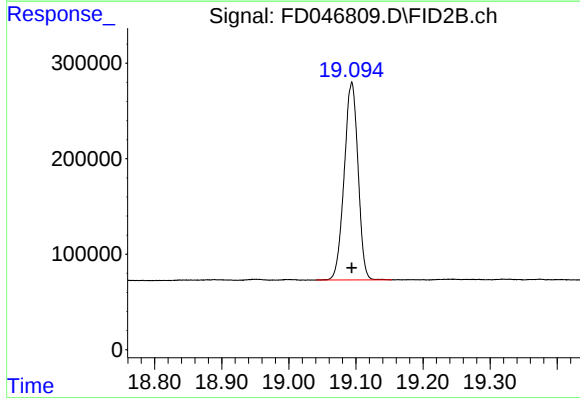
#17 n-Tricontane (C30)

R.T.: 17.492 min
Delta R.T.: 0.000 min
Response: 3345230
Conc: 21.07 ug/ml



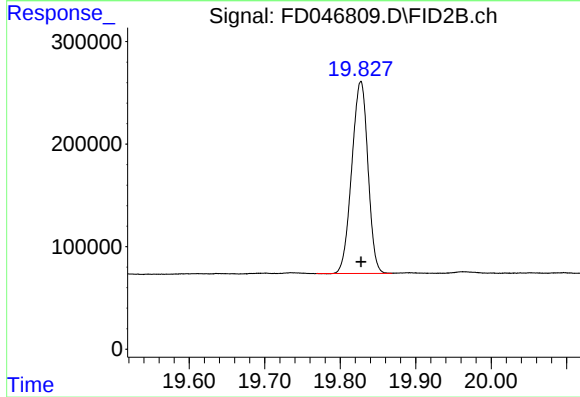
#18 n-Dotriacontane (C32)

R.T.: 18.316 min
Delta R.T.: 0.000 min
Response: 3218205
Conc: 21.06 ug/ml



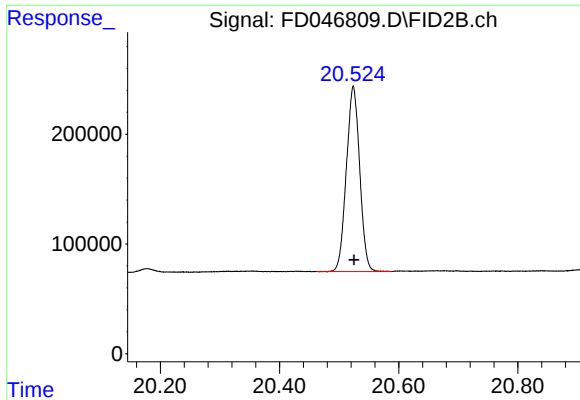
#19 n-Tetratriacontane (C34)

R.T.: 19.094 min
Delta R.T.: 0.000 min
Response: 2967094
Conc: 20.73 ug/ml



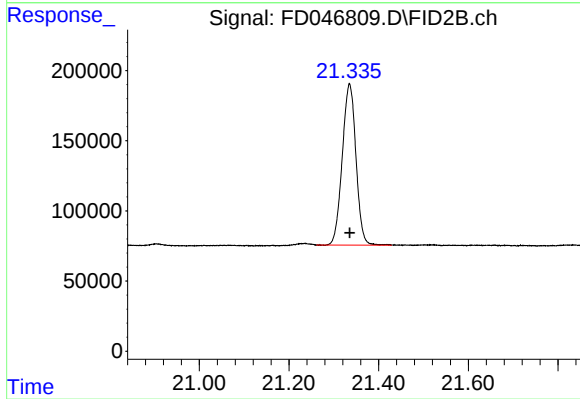
#20 n-Hexatriacontane (C36)

R.T.: 19.827 min
Delta R.T.: 0.000 min
Response: 2781618
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.524 min
Delta R.T.: -0.001 min
Response: 2624896
Conc: 20.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.335 min
Delta R.T.: 0.000 min
Response: 2431473
Conc: 20.93 ug/ml