

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012323AL\
 Data File : FE039965.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2023 14:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 01:29:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.911	2987272	19.453 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	13.348	2260929	19.374 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
Target Compounds			
1) T n-Nonane (C9)	3.304	2603899	20.514 ug/ml
2) T n-Decane (C10)	4.553	2565722	20.660 ug/ml
3) T A~Naphthalene (C11.7)	6.256	2843465	20.163 ug/ml
4) T n-Dodecane (C12)	6.717	2598924	20.671 ug/ml
5) T A~2-methylnaphthalene...	7.351	2660394	20.312 ug/ml
6) T n-Tetradecane (C14)	8.544	2632239	20.466 ug/ml
7) T n-Hexadecane (C16)	10.151	2722273	20.179 ug/ml
8) T n-Octadecane (C18)	11.594	2769287	19.763 ug/ml
10) T n-Eicosane (C20)	12.904	2699217	19.482 ug/ml
11) T n-Heneicosane (C21)	13.516	2704236	19.379 ug/ml
13) T n-Docosane (C22)	14.101	2681438	19.318 ug/ml
14) T n-Tetracosane (C24)	15.206	2673496	19.418 ug/ml
15) T n-Hexacosane (C26)	16.227	2579437	19.327 ug/ml
16) T n-Octacosane (C28)	17.177	2532839	19.457 ug/ml
17) T n-Tricontane (C30)	18.065	2529524	19.835 ug/ml
18) T n-Dotriacontane (C32)	18.897	2516380	19.905 ug/mlm
19) T n-Tetratriacontane (C34)	19.684	2411754	19.518 ug/mlm
20) T n-Hexatriacontane (C36)	20.424	2264548	19.208 ug/mlm
21) T n-Octatriacontane (C38)	21.160	2240463	18.746 ug/ml
22) T n-Tetracontane (C40)	22.065	2191490	18.057 ug/ml

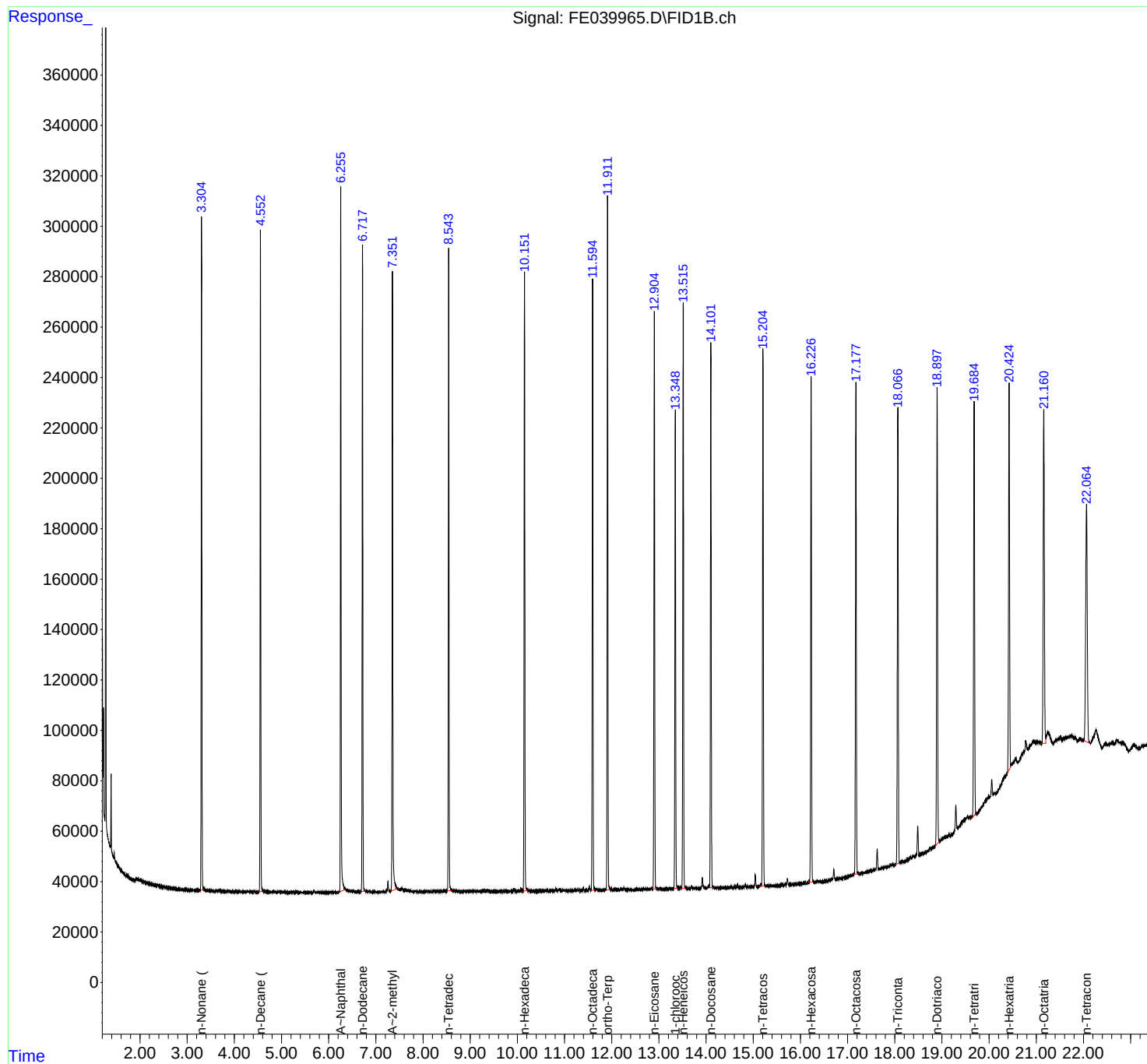
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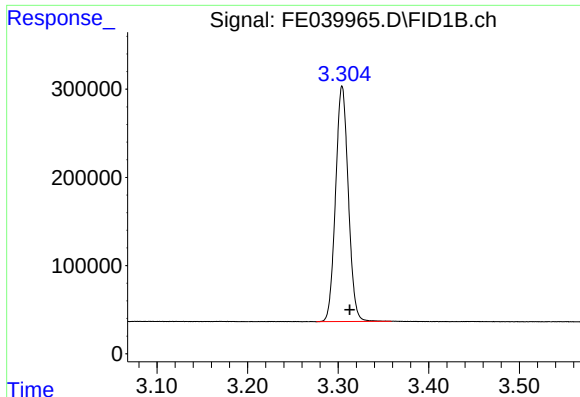
(m)=manual int.

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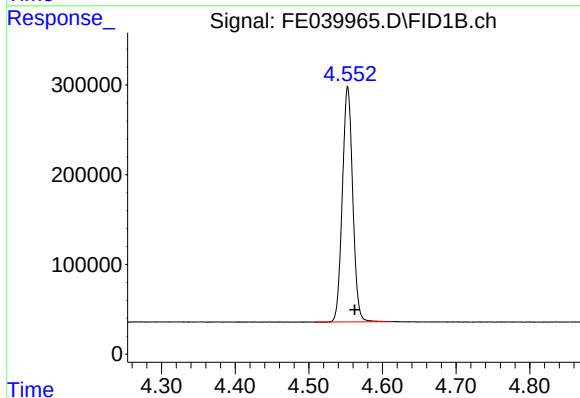
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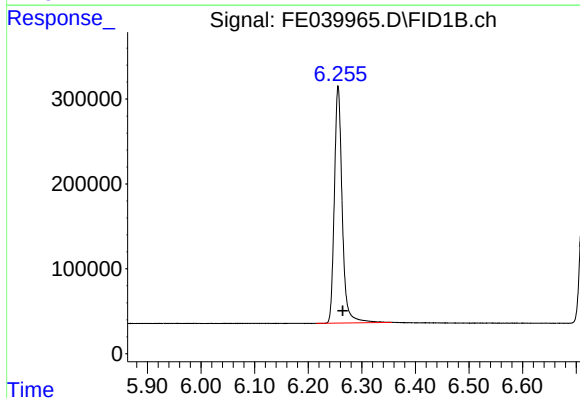
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.009 min
Response: 2603899
Conc: 20.51 ug/ml



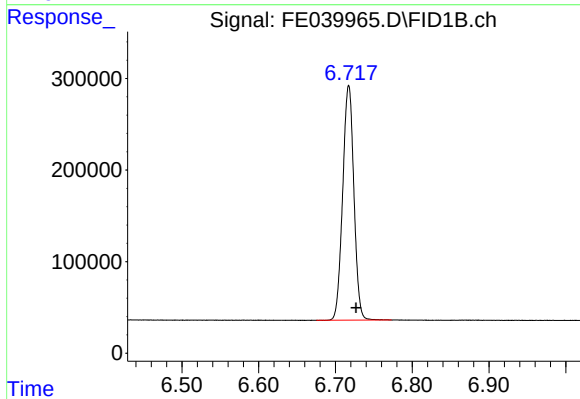
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.010 min
Response: 2565722
Conc: 20.66 ug/ml



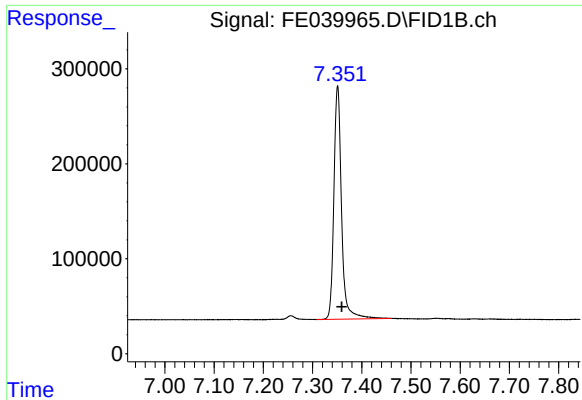
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: -0.009 min
Response: 2843465
Conc: 20.16 ug/ml



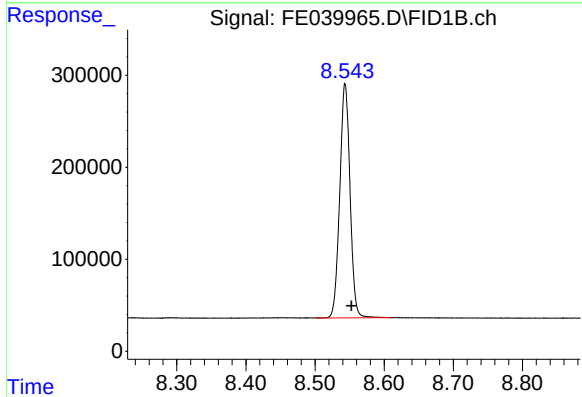
#4 n-Dodecane (C12)

R.T.: 6.717 min
Delta R.T.: -0.009 min
Response: 2598924
Conc: 20.67 ug/ml



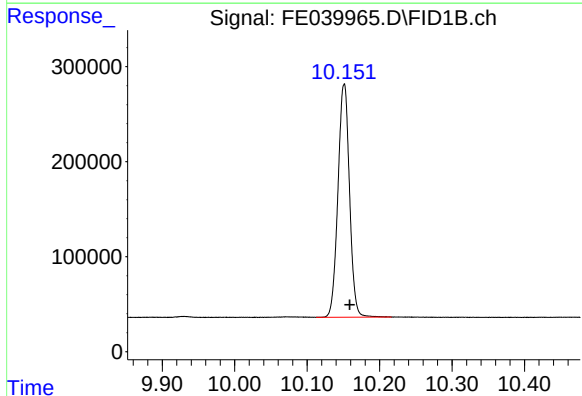
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.351 min
Delta R.T.: -0.008 min
Response: 2660394
Conc: 20.31 ug/ml



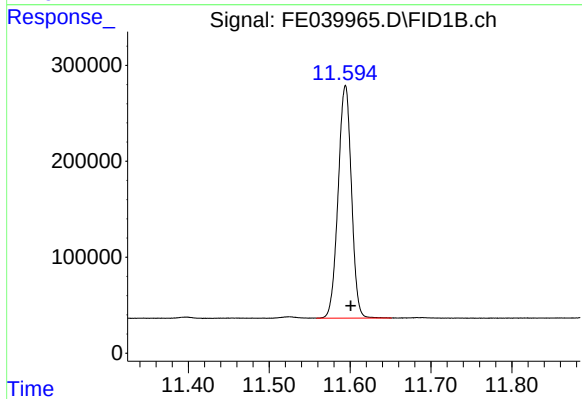
#6 n-Tetradecane (C14)

R.T.: 8.544 min
Delta R.T.: -0.009 min
Response: 2632239
Conc: 20.47 ug/ml



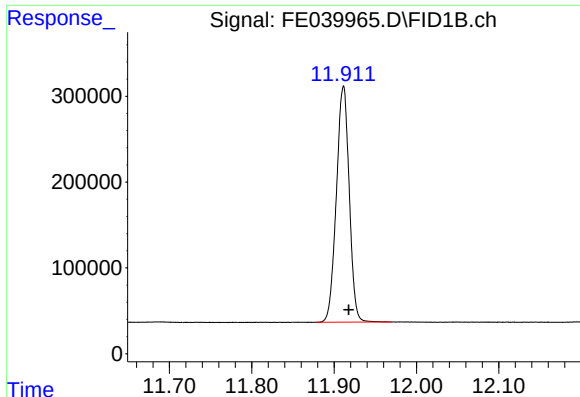
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.008 min
Response: 2722273
Conc: 20.18 ug/ml



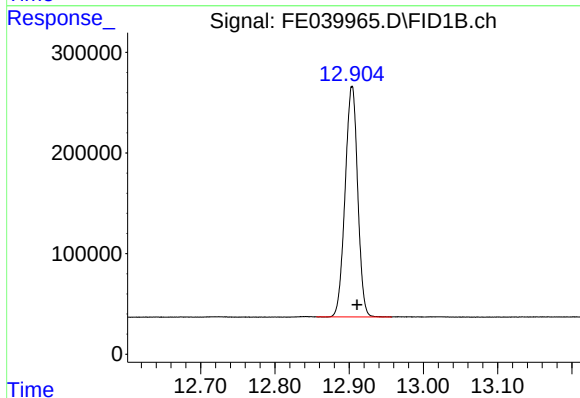
#8 n-Octadecane (C18)

R.T.: 11.594 min
Delta R.T.: -0.007 min
Response: 2769287
Conc: 19.76 ug/ml



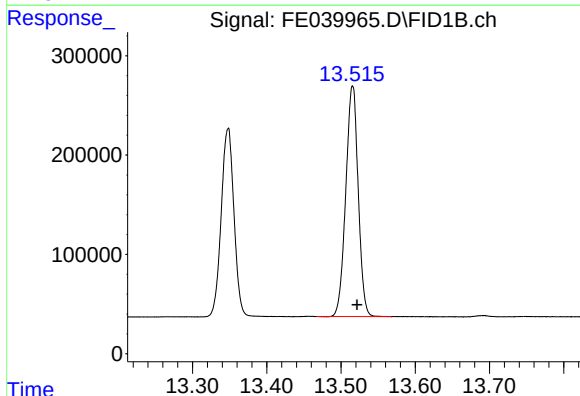
#9 ortho-Terphenyl (SURR)

R.T.: 11.911 min
Delta R.T.: -0.006 min
Response: 2987272
Conc: 19.45 ug/ml



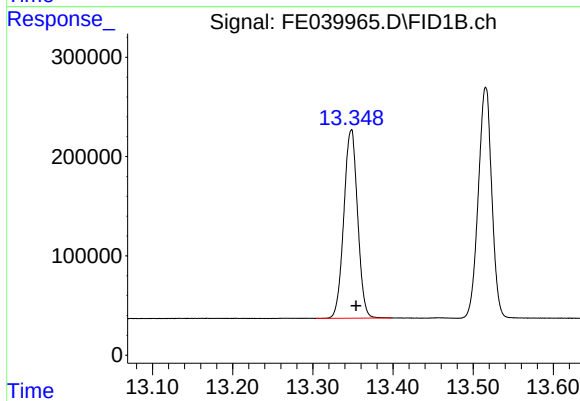
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.007 min
Response: 2699217
Conc: 19.48 ug/ml



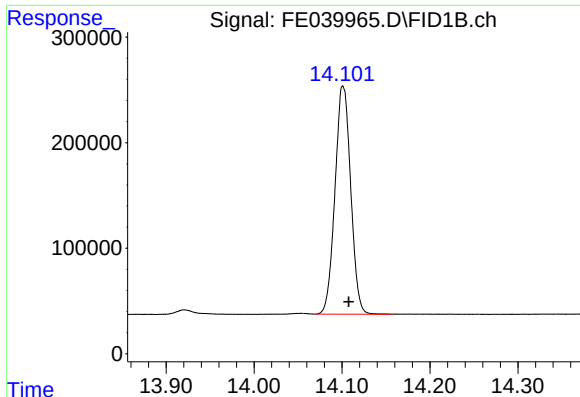
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: -0.006 min
Response: 2704236
Conc: 19.38 ug/ml



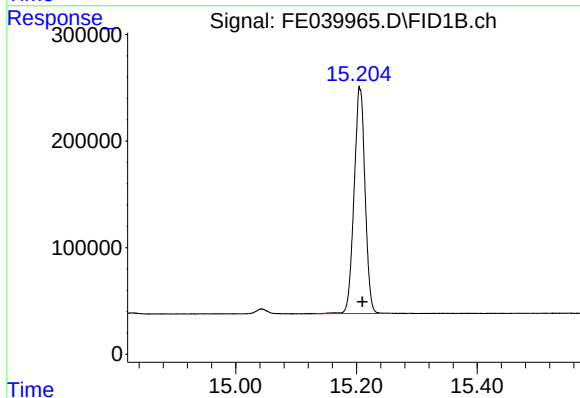
#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min
Delta R.T.: -0.006 min
Response: 2260929
Conc: 19.37 ug/ml



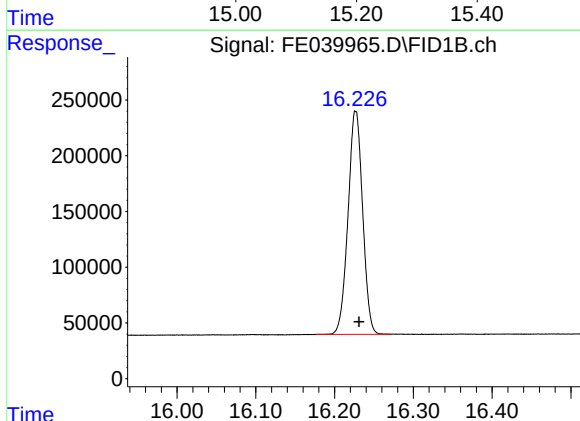
#13 n-Docosane (C22)

R.T.: 14.101 min
Delta R.T.: -0.006 min
Response: 2681438
Conc: 19.32 ug/ml



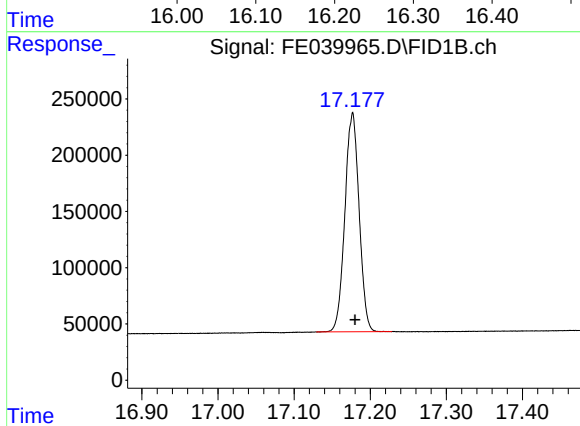
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.004 min
Response: 2673496
Conc: 19.42 ug/ml



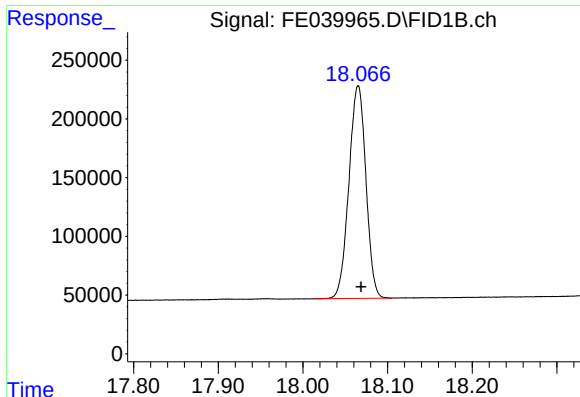
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: -0.004 min
Response: 2579437
Conc: 19.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.177 min
Delta R.T.: -0.003 min
Response: 2532839
Conc: 19.46 ug/ml



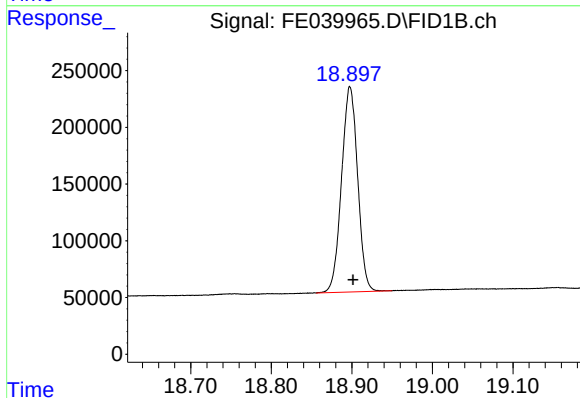
#17 n-Tricontane (C30)

R.T.: 18.065 min

Delta R.T.: -0.003 min

Response: 2529524

Conc: 19.84 ug/ml



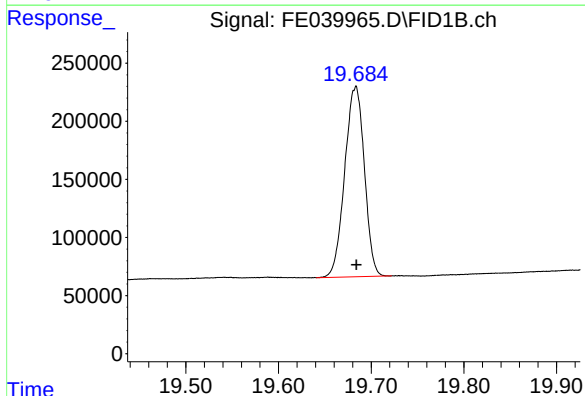
#18 n-Dotriacontane (C32)

R.T.: 18.897 min

Delta R.T.: -0.005 min

Response: 2516380

Conc: 19.90 ug/ml m



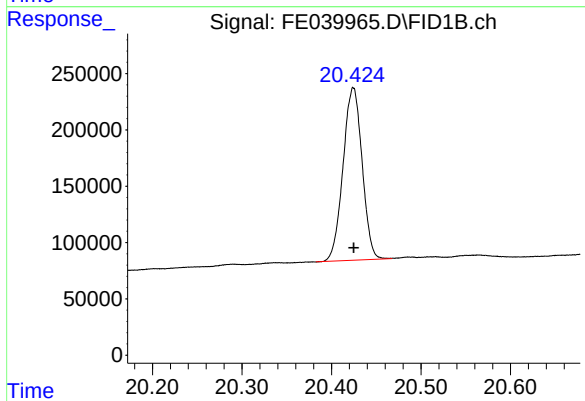
#19 n-Tetratriacontane (C34)

R.T.: 19.684 min

Delta R.T.: 0.000 min

Response: 2411754

Conc: 19.52 ug/ml m



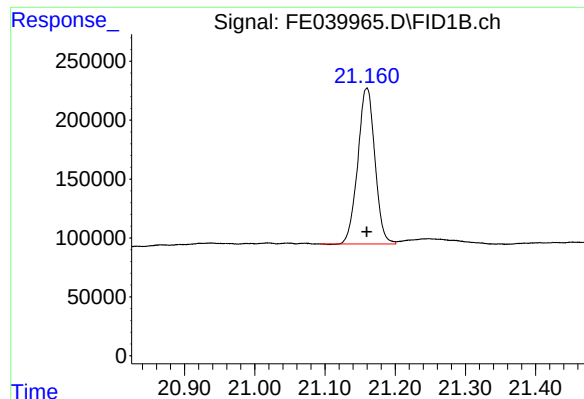
#20 n-Hexatriacontane (C36)

R.T.: 20.424 min

Delta R.T.: -0.002 min

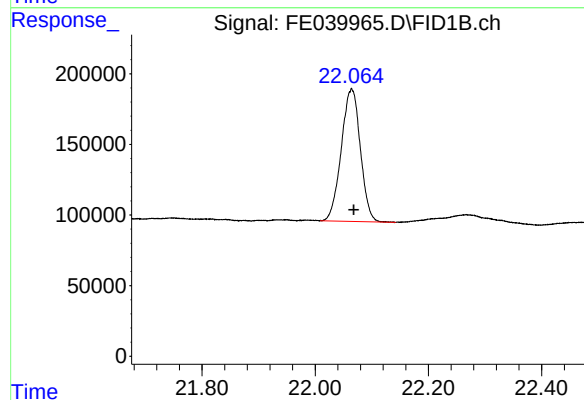
Response: 2264548

Conc: 19.21 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: 0.000 min
Response: 2240463
Conc: 18.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.065 min
Delta R.T.: -0.003 min
Response: 2191490
Conc: 18.06 ug/ml