

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122223AL\
 Data File : FE045952.D
 Signal(s) : FID1B.ch
 Acq On : 22 Dec 2023 12:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 23:13:53 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)	11.839	3947394	18.877 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
12) S 1-chlorooctadecane (S...	13.284	2904092	18.457 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
Target Compounds			
1) T n-Nonane (C9)	3.226	3308769	20.866 ug/ml
2) T n-Decane (C10)	4.477	3366348	21.022 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3637746	20.883 ug/ml
4) T n-Dodecane (C12)	6.644	3410166	21.112 ug/ml
5) T A~2-methylnaphthalene...	7.275	3534024	20.811 ug/ml
6) T n-Tetradecane (C14)	8.471	3386783	21.112 ug/ml
7) T n-Hexadecane (C16)	10.081	3441194	20.781 ug/ml
8) T n-Octadecane (C18)	11.527	3417826	19.935 ug/ml
10) T n-Eicosane (C20)	12.838	3268998	18.894 ug/ml
11) T n-Heneicosane (C21)	13.451	3184583	18.512 ug/ml
13) T n-Docosane (C22)	14.038	3126305	18.132 ug/ml
14) T n-Tetracosane (C24)	15.144	3027284	17.340 ug/ml
15) T n-Hexacosane (C26)	16.168	2955574	16.971 ug/ml
16) T n-Octacosane (C28)	17.121	2938270	17.001 ug/ml
17) T n-Tricontane (C30)	18.011	3052383	17.447 ug/ml
18) T n-Dotriacontane (C32)	18.846	3055282	16.747 ug/ml
19) T n-Tetratriacontane (C34)	19.634	3059850	18.441 ug/ml
20) T n-Hexatriacontane (C36)	20.378	3075093	19.372 ug/ml
21) T n-Octatriacontane (C38)	21.110	3215834	20.507 ug/ml
22) T n-Tetracontane (C40)	22.014	3270162	23.011 ug/ml

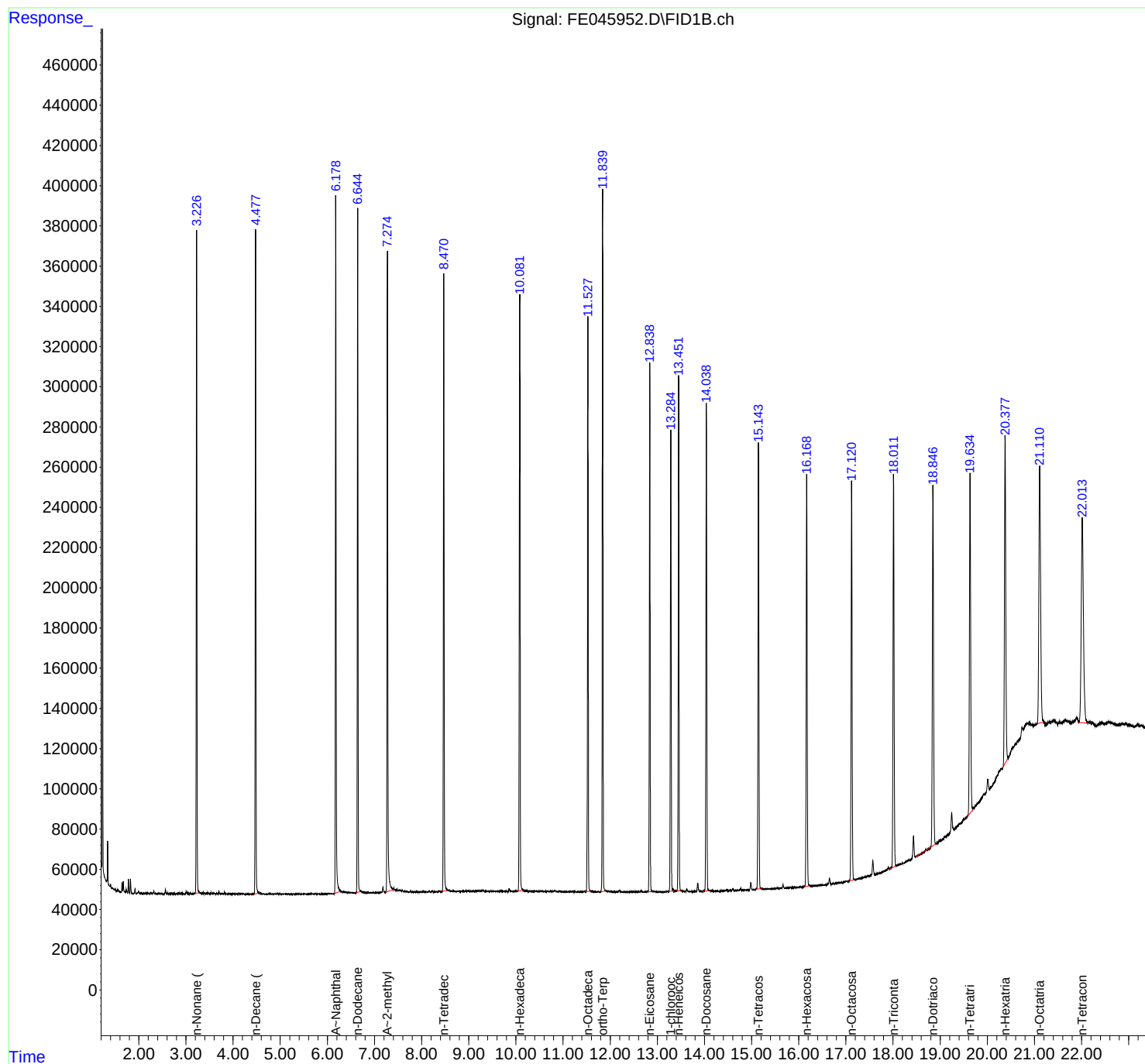
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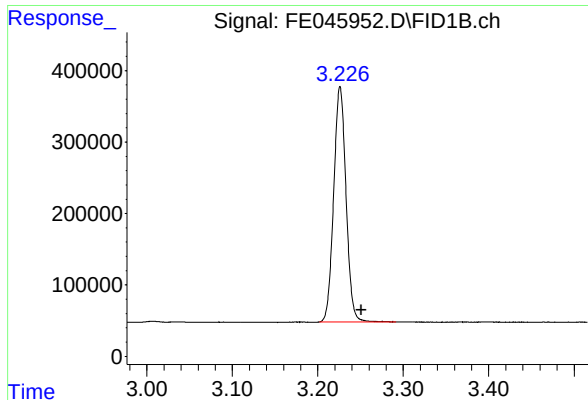
(m)=manual int.

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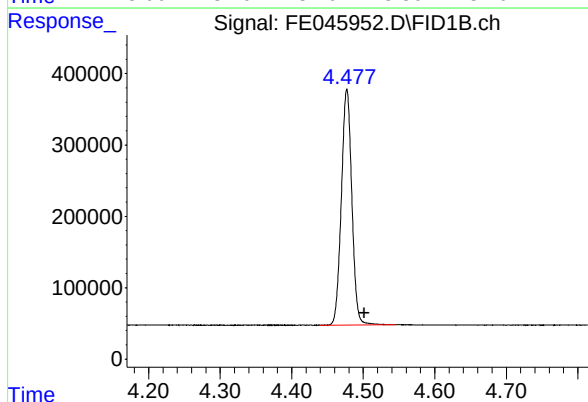
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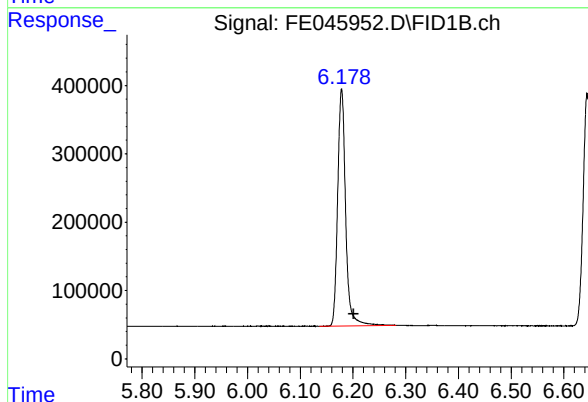
#1 n-Nonane (C9)

R.T.: 3.226 min
Delta R.T.: -0.025 min
Response: 3308769
Conc: 20.87 ug/ml



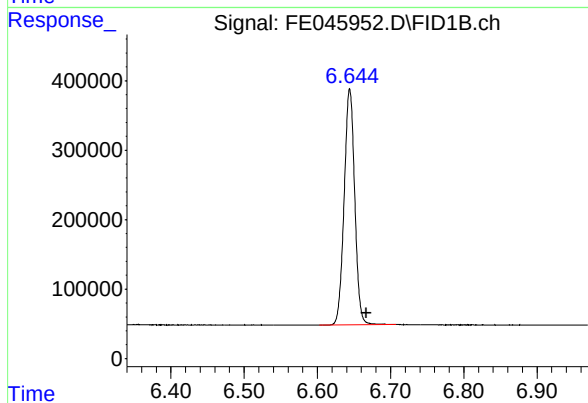
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.024 min
Response: 3366348
Conc: 21.02 ug/ml



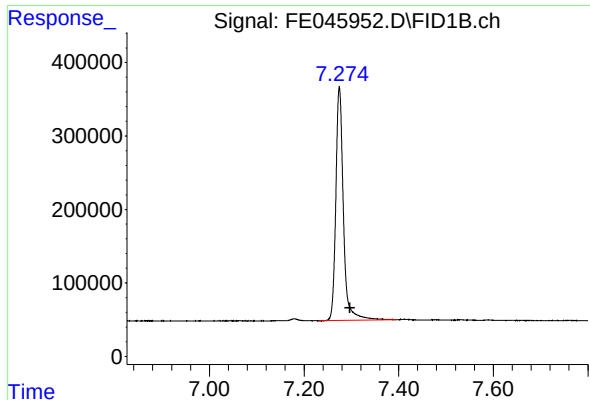
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.023 min
Response: 3637746
Conc: 20.88 ug/ml



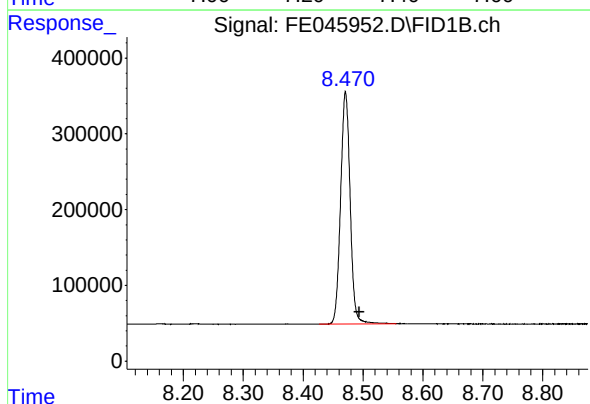
#4 n-Dodecane (C12)

R.T.: 6.644 min
Delta R.T.: -0.023 min
Response: 3410166
Conc: 21.11 ug/ml



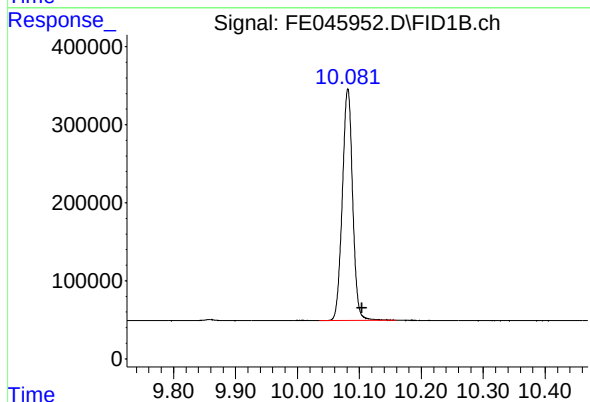
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.023 min
Response: 3534024
Conc: 20.81 ug/ml



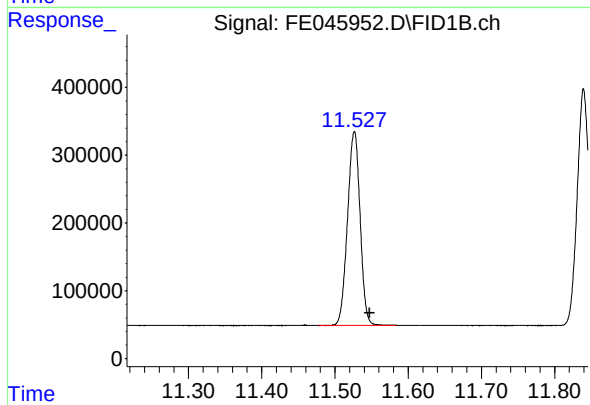
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.023 min
Response: 3386783
Conc: 21.11 ug/ml



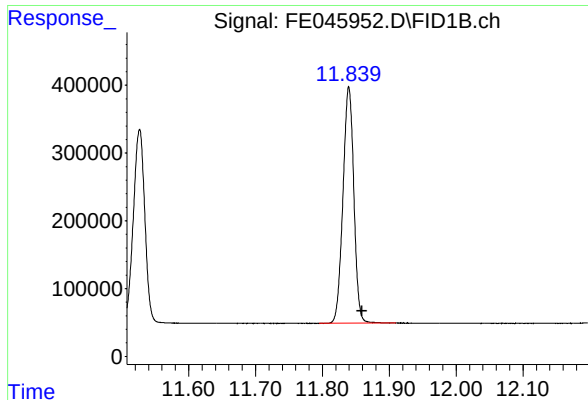
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.022 min
Response: 3441194
Conc: 20.78 ug/ml



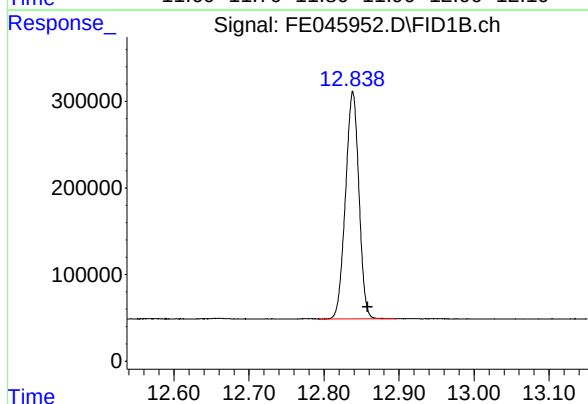
#8 n-Octadecane (C18)

R.T.: 11.527 min
Delta R.T.: -0.021 min
Response: 3417826
Conc: 19.93 ug/ml



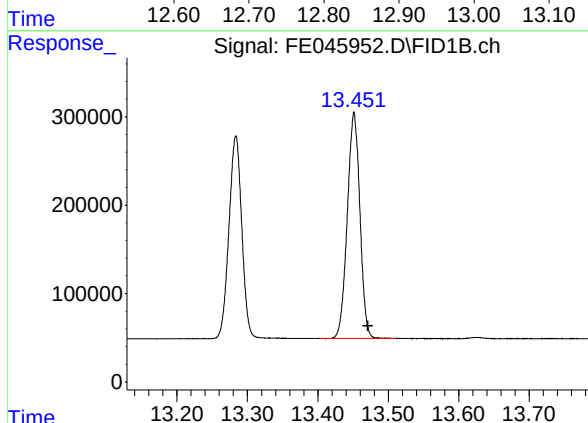
#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.020 min
Response: 3947394
Conc: 18.88 ug/ml



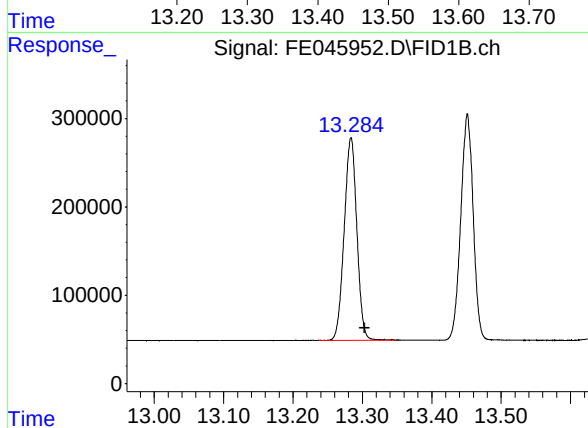
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.020 min
Response: 3268998
Conc: 18.89 ug/ml



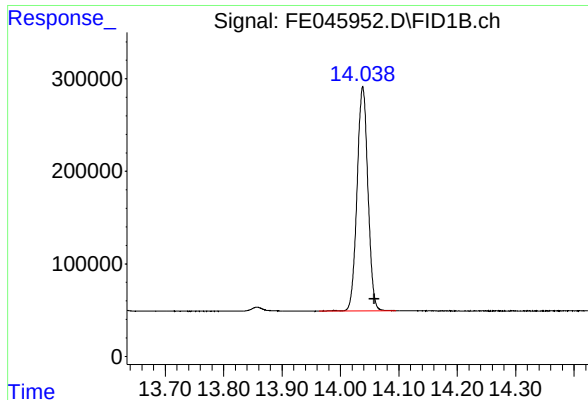
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.020 min
Response: 3184583
Conc: 18.51 ug/ml



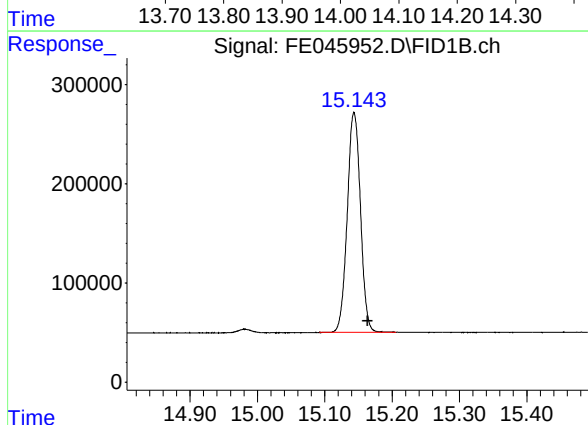
#12 1-chlorooctadecane (SURR)

R.T.: 13.284 min
Delta R.T.: -0.019 min
Response: 2904092
Conc: 18.46 ug/ml



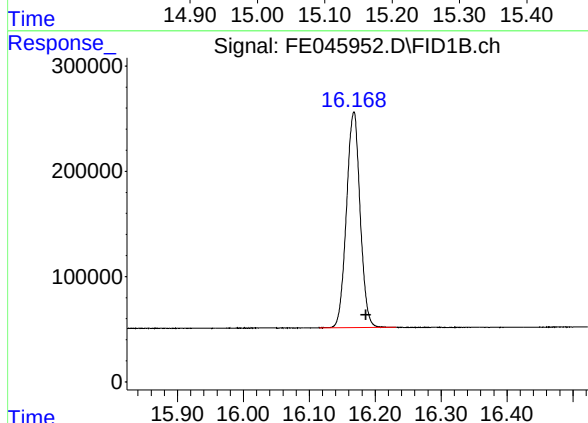
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.020 min
Response: 3126305
Conc: 18.13 ug/ml



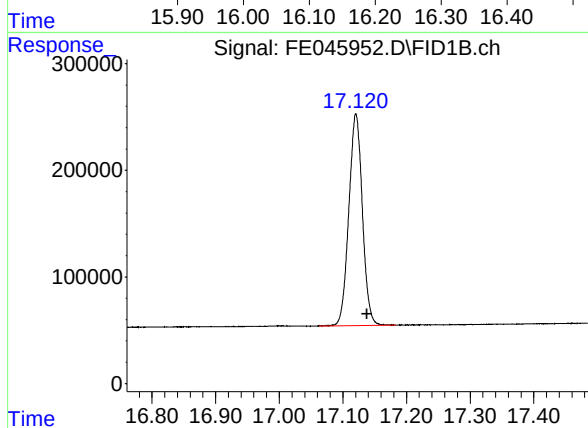
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.021 min
Response: 3027284
Conc: 17.34 ug/ml



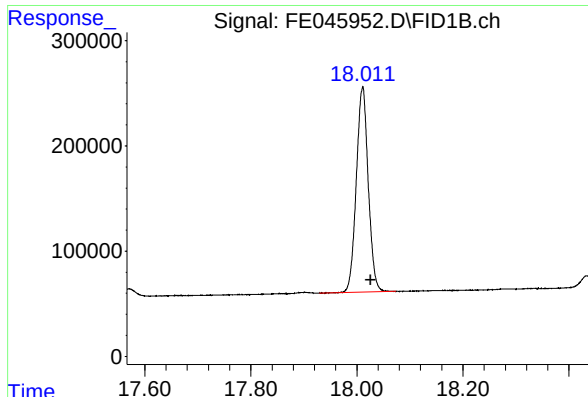
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.018 min
Response: 2955574
Conc: 16.97 ug/ml



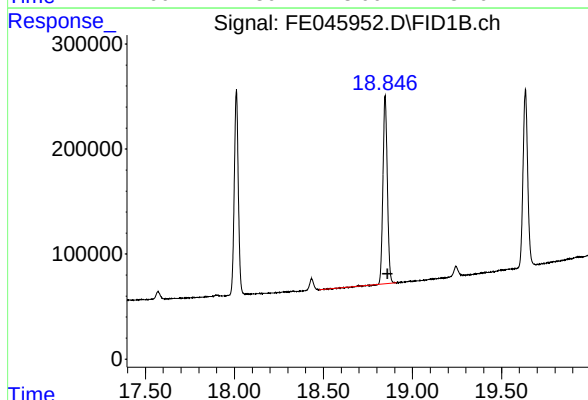
#16 n-Octacosane (C28)

R.T.: 17.121 min
Delta R.T.: -0.018 min
Response: 2938270
Conc: 17.00 ug/ml



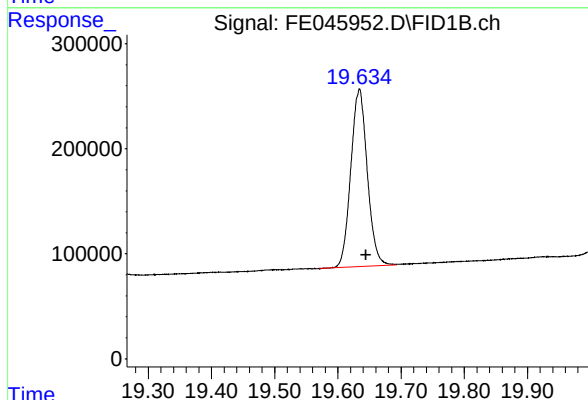
#17 n-Tricontane (C30)

R.T.: 18.011 min
Delta R.T.: -0.015 min
Response: 3052383
Conc: 17.45 ug/ml



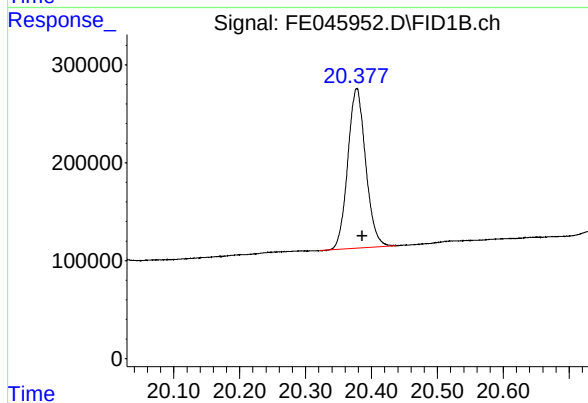
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.014 min
Response: 3055282
Conc: 16.75 ug/ml



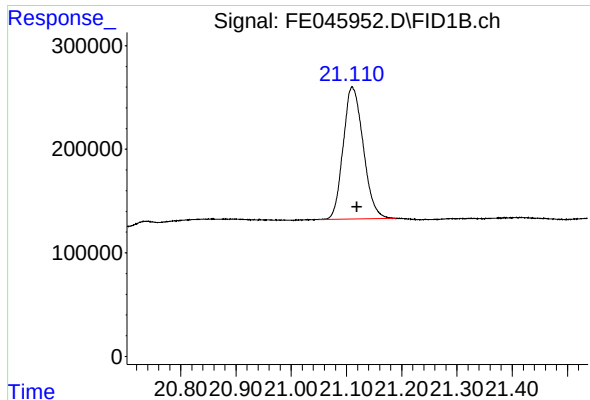
#19 n-Tetatriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.010 min
Response: 3059850
Conc: 18.44 ug/ml



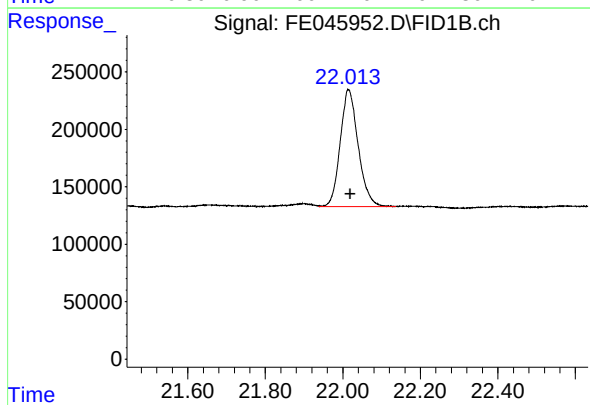
#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.008 min
Response: 3075093
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.009 min
Response: 3215834
Conc: 20.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: -0.005 min
Response: 3270162
Conc: 23.01 ug/ml