

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110223AL\
 Data File : FE045167.D
 Signal(s) : FID1B.ch
 Acq On : 02 Nov 2023 20:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 02 23:12:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.889	3650603	18.211 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
12) S 1-chlorooctadecane (S...	13.331	2645445	17.876 ug/ml
Spiked Amount 50.000		Recovery =	35.75%
Target Compounds			
1) T n-Nonane (C9)	3.274	3171962	18.909 ug/ml
2) T n-Decane (C10)	4.526	3225350	18.934 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3459974	18.691 ug/ml
4) T n-Dodecane (C12)	6.692	3253906	18.850 ug/ml
5) T A~2-methylnaphthalene...	7.322	3332736	18.475 ug/ml
6) T n-Tetradecane (C14)	8.518	3201947	18.673 ug/ml
7) T n-Hexadecane (C16)	10.129	3227341	18.456 ug/ml
8) T n-Octadecane (C18)	11.575	3192289	18.303 ug/ml
10) T n-Eicosane (C20)	12.887	3024382	18.107 ug/ml
11) T n-Heneicosane (C21)	13.500	2932945	17.992 ug/ml
13) T n-Docosane (C22)	14.086	2893432	18.089 ug/ml
14) T n-Tetracosane (C24)	15.192	2859217	18.423 ug/ml
15) T n-Hexacosane (C26)	16.214	2798876	18.642 ug/ml
16) T n-Octacosane (C28)	17.166	2798791	19.060 ug/ml
17) T n-Tricontane (C30)	18.056	2880509	19.367 ug/ml
18) T n-Dotriacontane (C32)	18.889	2932589	19.538 ug/ml
19) T n-Tetratriacontane (C34)	19.676	2842093	19.092 ug/ml
20) T n-Hexatriacontane (C36)	20.417	3190388	20.752 ug/ml
21) T n-Octatriacontane (C38)	21.154	3247243	20.788 ug/ml
22) T n-Tetracontane (C40)	22.070	3293772	19.709 ug/ml

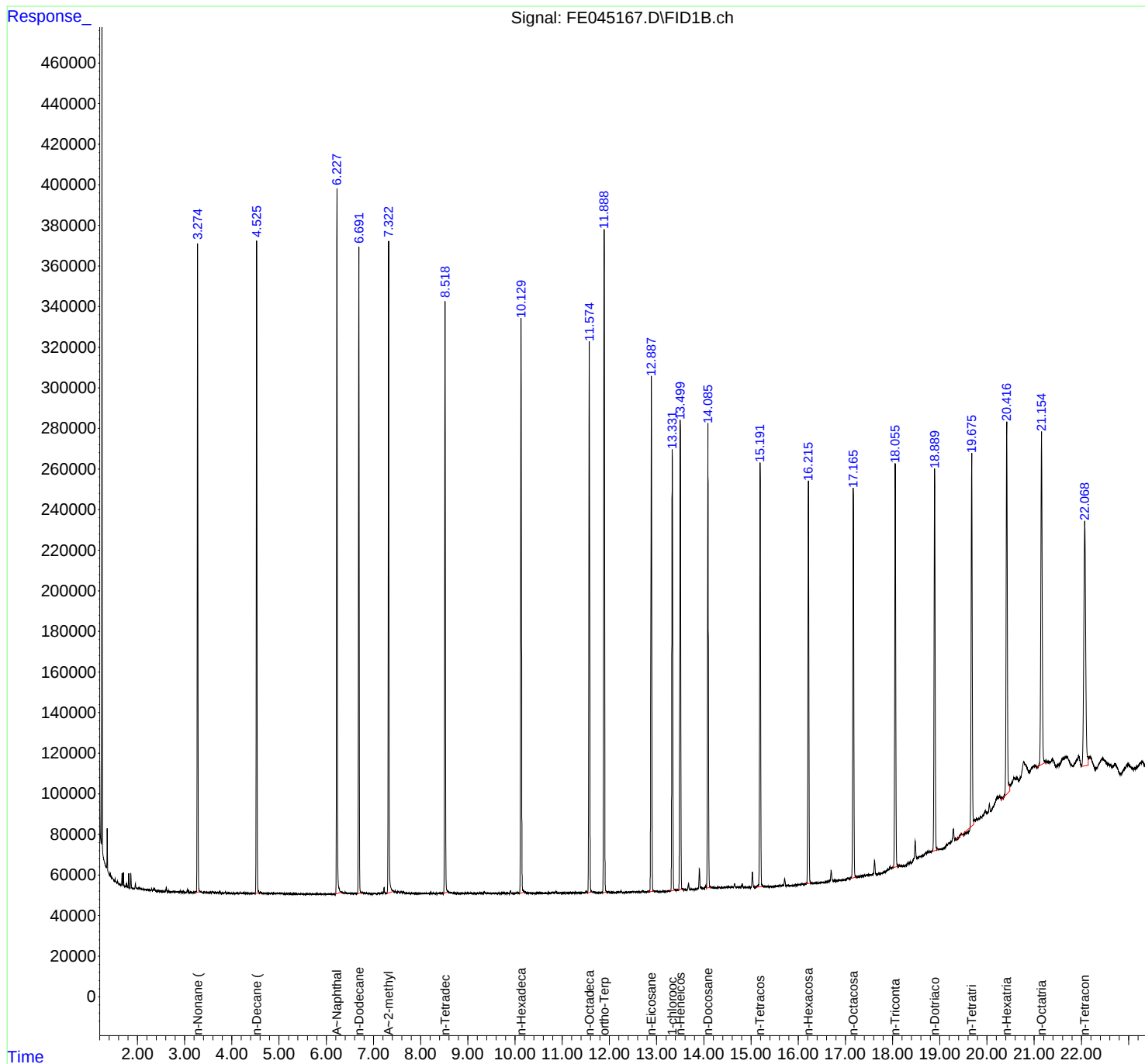
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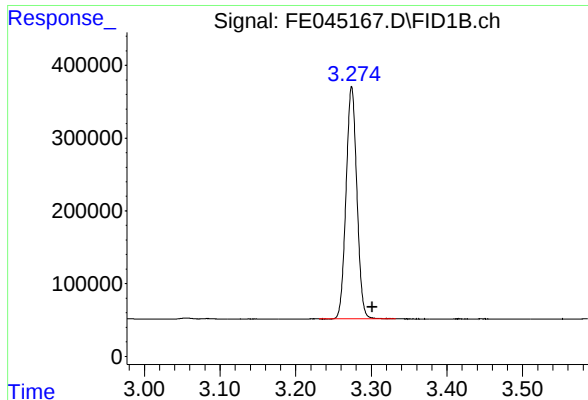
(m)=manual int.

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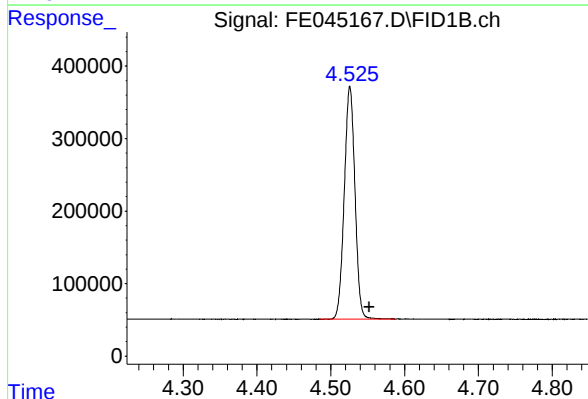
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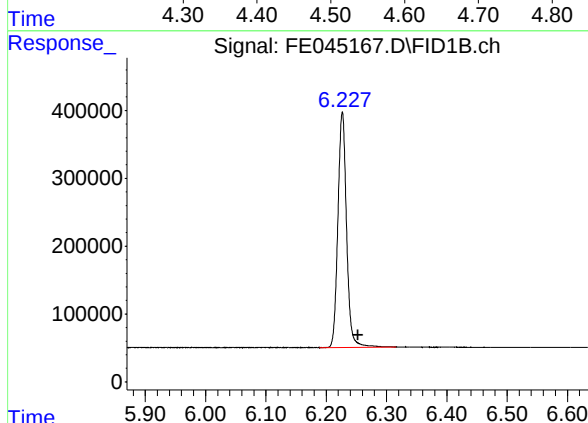
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: -0.027 min
Response: 3171962
Conc: 18.91 ug/ml



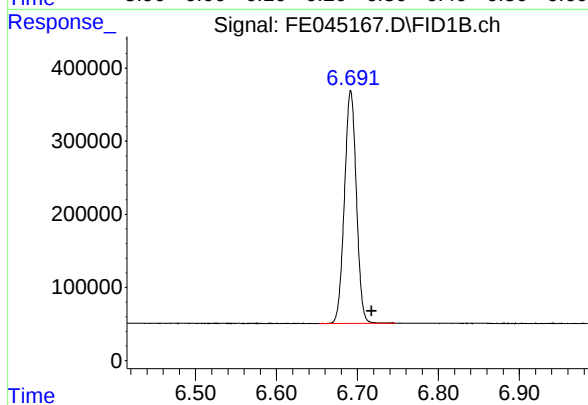
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: -0.026 min
Response: 3225350
Conc: 18.93 ug/ml



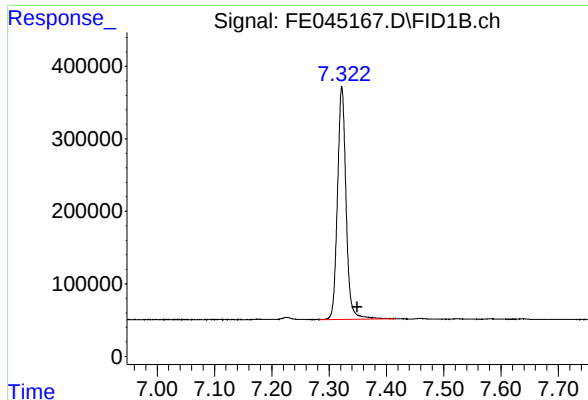
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.026 min
Response: 3459974
Conc: 18.69 ug/ml



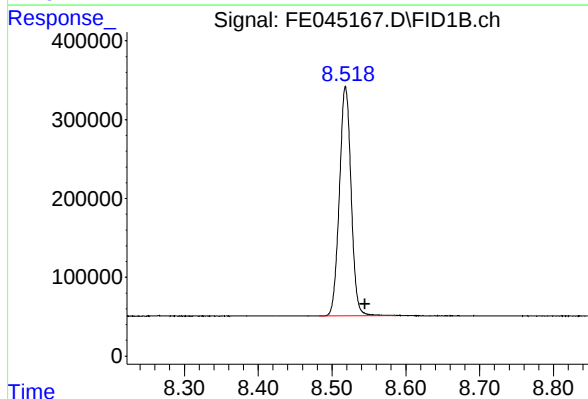
#4 n-Dodecane (C12)

R.T.: 6.692 min
Delta R.T.: -0.026 min
Response: 3253906
Conc: 18.85 ug/ml



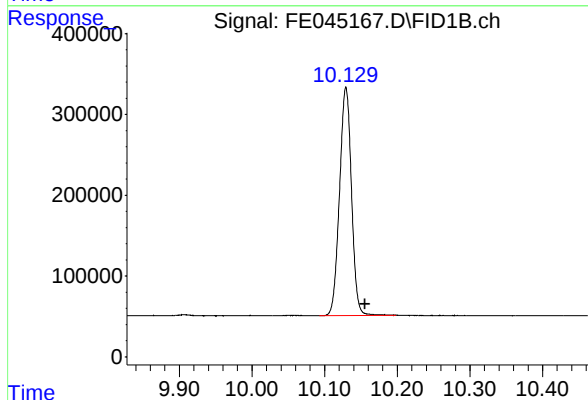
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.322 min
Delta R.T.: -0.027 min
Response: 3332736
Conc: 18.47 ug/ml



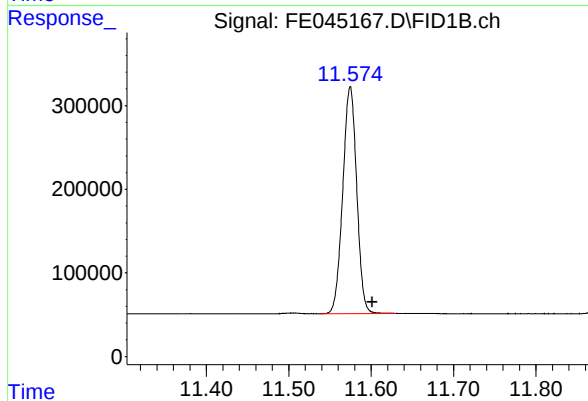
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: -0.026 min
Response: 3201947
Conc: 18.67 ug/ml



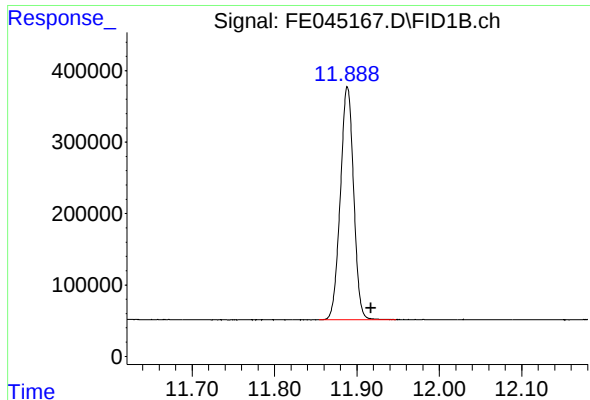
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.026 min
Response: 3227341
Conc: 18.46 ug/ml



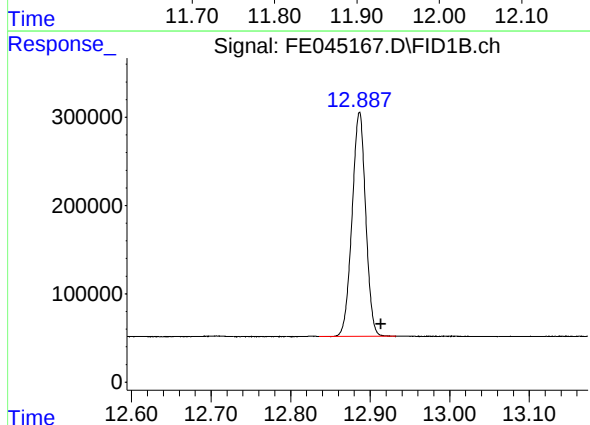
#8 n-Octadecane (C18)

R.T.: 11.575 min
Delta R.T.: -0.027 min
Response: 3192289
Conc: 18.30 ug/ml



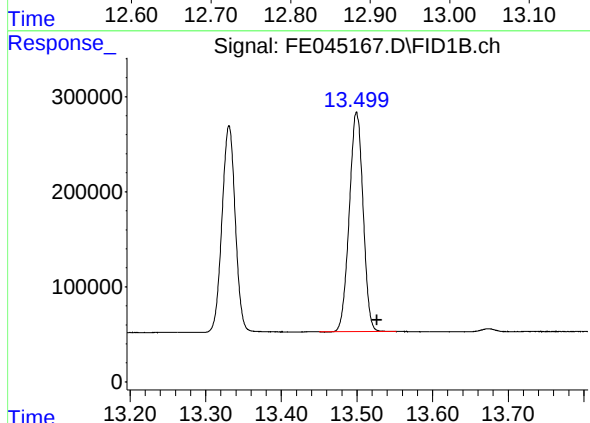
#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: -0.028 min
Response: 3650603
Conc: 18.21 ug/ml



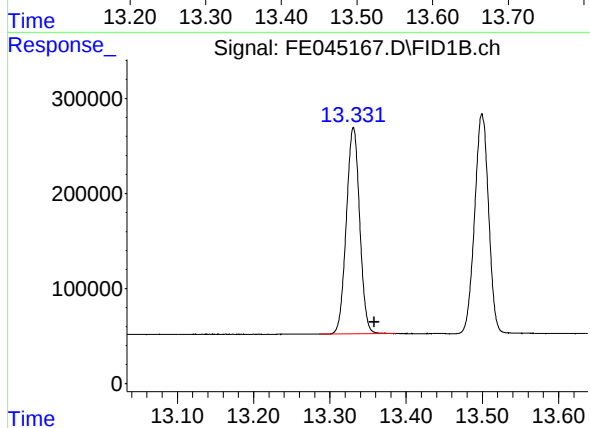
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.027 min
Response: 3024382
Conc: 18.11 ug/ml



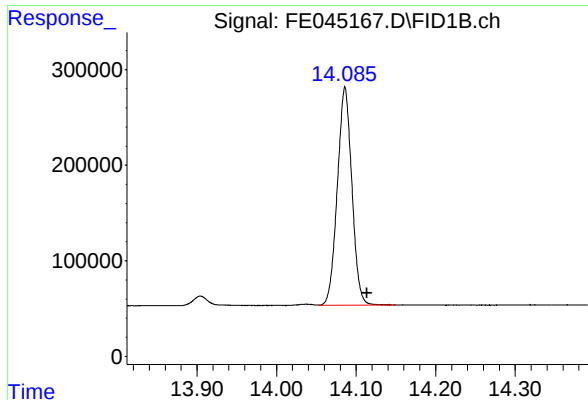
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: -0.027 min
Response: 2932945
Conc: 17.99 ug/ml



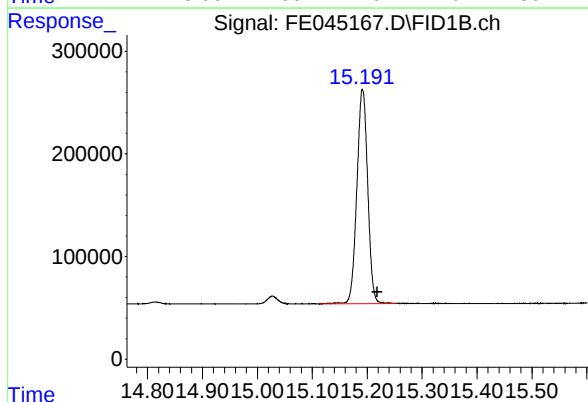
#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: -0.027 min
Response: 2645445
Conc: 17.88 ug/ml



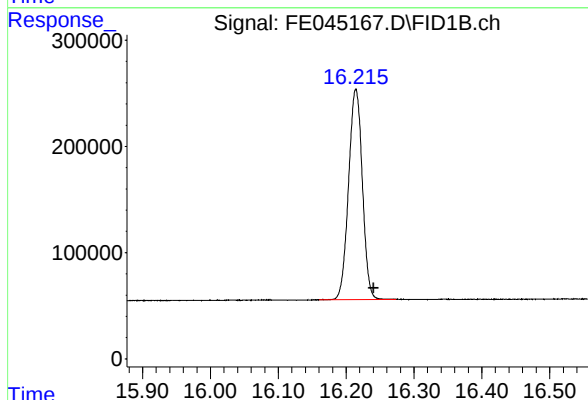
#13 n-Docosane (C22)

R.T.: 14.086 min
Delta R.T.: -0.028 min
Response: 2893432
Conc: 18.09 ug/ml



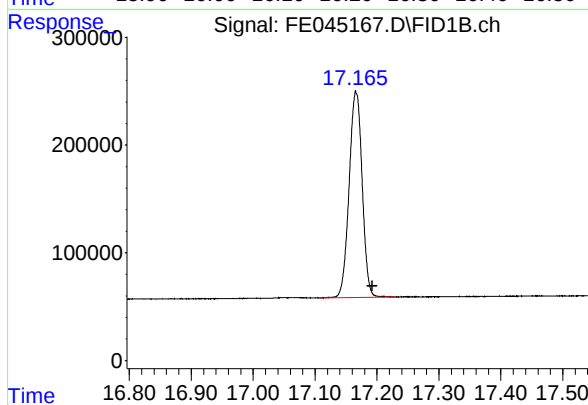
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: -0.027 min
Response: 2859217
Conc: 18.42 ug/ml



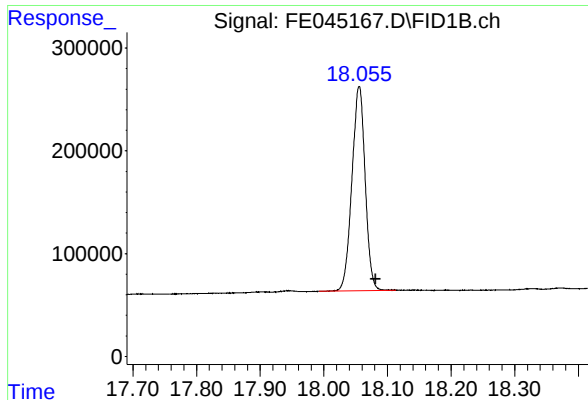
#15 n-Hexacosane (C26)

R.T.: 16.214 min
Delta R.T.: -0.026 min
Response: 2798876
Conc: 18.64 ug/ml



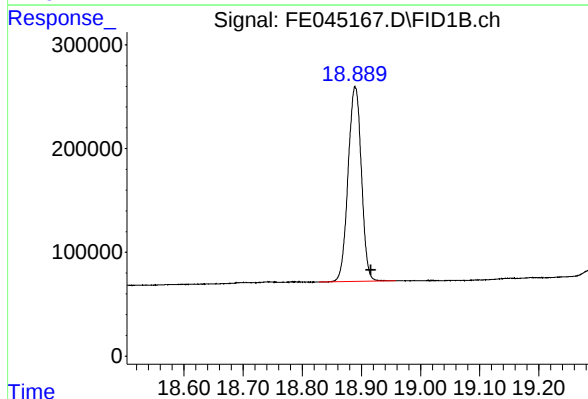
#16 n-Octacosane (C28)

R.T.: 17.166 min
Delta R.T.: -0.026 min
Response: 2798791
Conc: 19.06 ug/ml



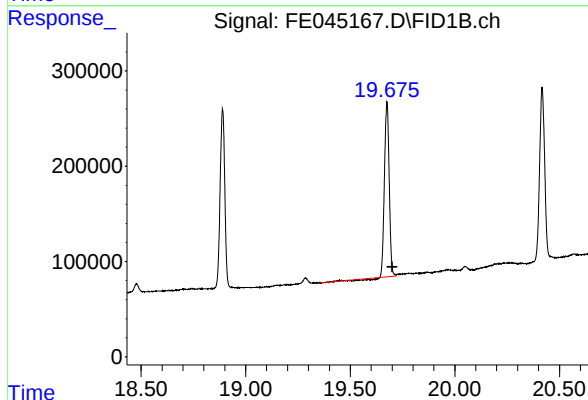
#17 n-Tricontane (C30)

R.T.: 18.056 min
Delta R.T.: -0.026 min
Response: 2880509
Conc: 19.37 ug/ml



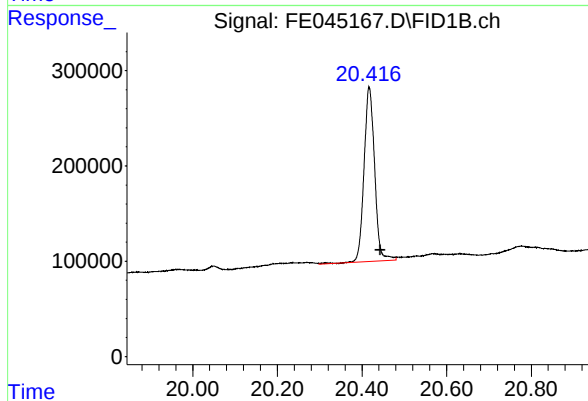
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.027 min
Response: 2932589
Conc: 19.54 ug/ml



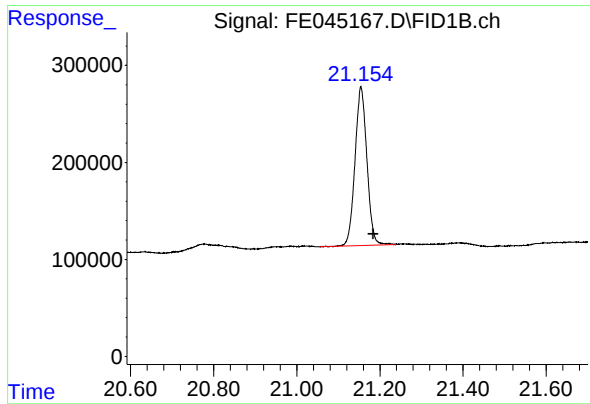
#19 n-Tetatriacontane (C34)

R.T.: 19.676 min
Delta R.T.: -0.026 min
Response: 2842093
Conc: 19.09 ug/ml



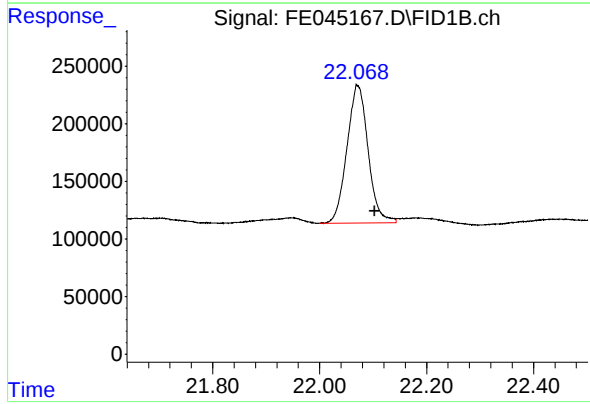
#20 n-Hexatriacontane (C36)

R.T.: 20.417 min
Delta R.T.: -0.026 min
Response: 3190388
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.154 min
Delta R.T.: -0.030 min
Response: 3247243
Conc: 20.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: -0.033 min
Response: 3293772
Conc: 19.71 ug/ml