

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032524AL\
 Data File : FE047316.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2024 21:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 26 01:18:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 2024
 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)	11.986	3158144	20.167 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
12) S 1-chlorooctadecane (S...	13.419	2452038	20.218 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
Target Compounds			
1) T n-Nonane (C9)	3.368	2935223	20.099 ug/ml
2) T n-Decane (C10)	4.621	2999808	20.124 ug/ml
3) T A~Naphthalene (C11.7)	6.328	3147032	20.285 ug/ml
4) T n-Dodecane (C12)	6.786	3011233	20.135 ug/ml
5) T A~2-methylnaphthalene...	7.424	3038267	20.302 ug/ml
6) T n-Tetradecane (C14)	8.614	2972018	20.150 ug/ml
7) T n-Hexadecane (C16)	10.221	3051428	20.160 ug/ml
8) T n-Octadecane (C18)	11.665	3064881	20.173 ug/ml
10) T n-Eicosane (C20)	12.973	2940851	20.213 ug/ml
11) T n-Heneicosane (C21)	13.585	2885483	20.189 ug/ml
13) T n-Docosane (C22)	14.171	2882475	20.306 ug/ml
14) T n-Tetracosane (C24)	15.272	2877368	20.410 ug/ml
15) T n-Hexacosane (C26)	16.292	2866994	20.618 ug/ml
16) T n-Octacosane (C28)	17.241	2848171	20.844 ug/mlm
17) T n-Tricontane (C30)	18.127	3018606	21.741 ug/mlm
18) T n-Dotriacontane (C32)	18.958	2908847	21.088 ug/ml
19) T n-Tetratriacontane (C34)	19.740	2845765	20.764 ug/mlm
20) T n-Hexatriacontane (C36)	20.477	2856077	20.913 ug/mlm
21) T n-Octatriacontane (C38)	21.223	3088947	22.284 ug/mlm
22) T n-Tetracontane (C40)	22.155	2889894	20.172 ug/ml

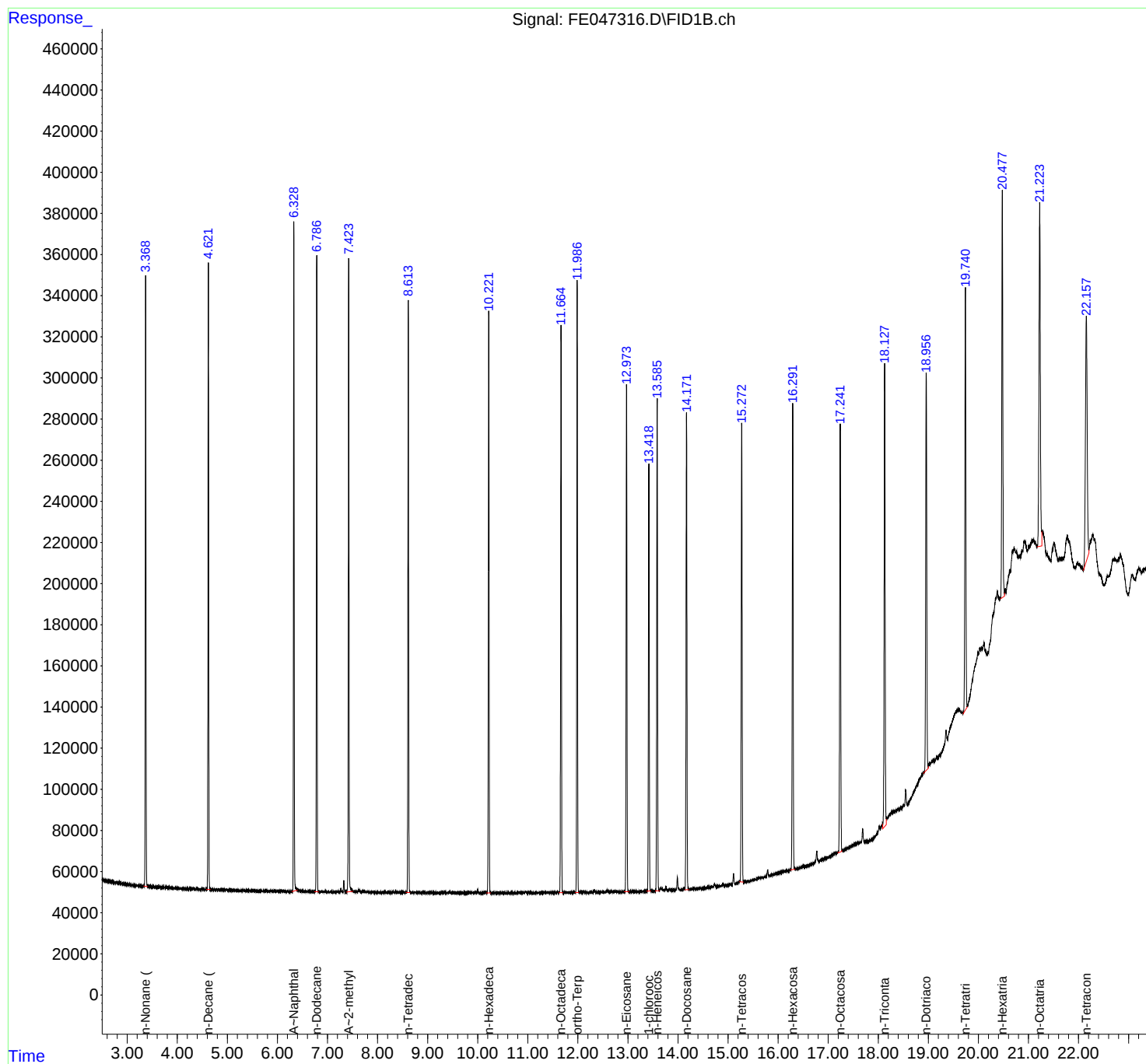
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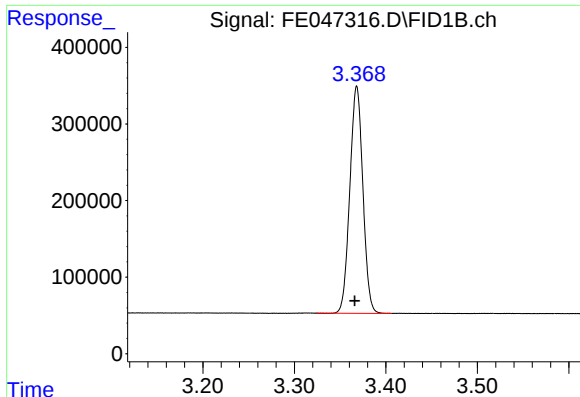
(m)=manual int.

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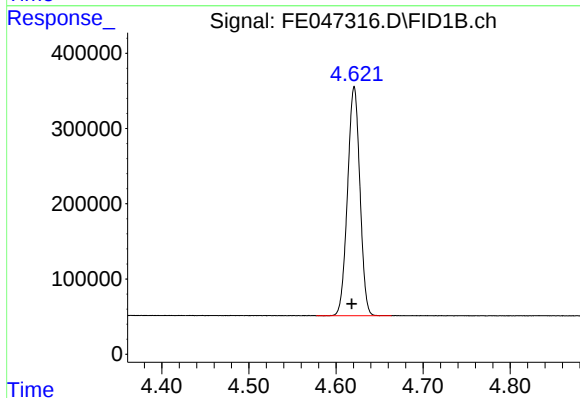
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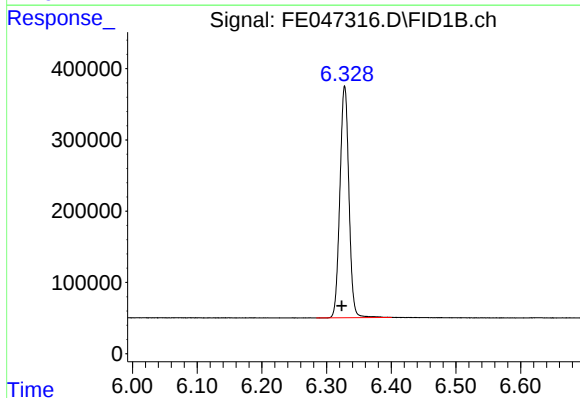
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: 0.002 min
Response: 2935223
Conc: 20.10 ug/ml



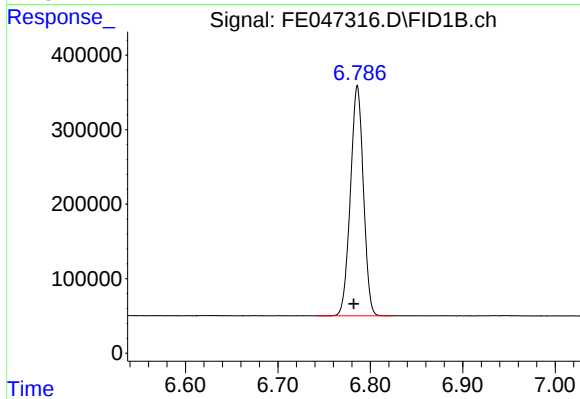
#2 n-Decane (C10)

R.T.: 4.621 min
Delta R.T.: 0.003 min
Response: 2999808
Conc: 20.12 ug/ml



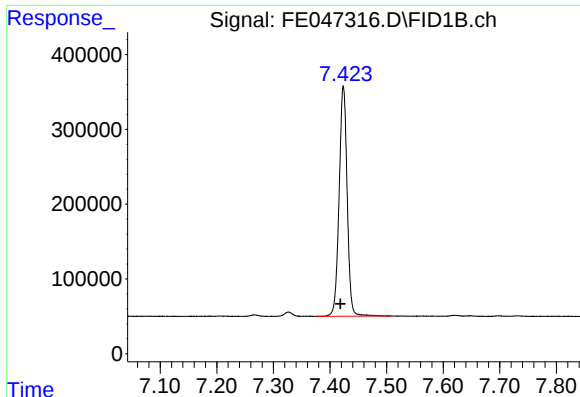
#3 A~Naphthalene (C11.7)

R.T.: 6.328 min
Delta R.T.: 0.004 min
Response: 3147032
Conc: 20.28 ug/ml



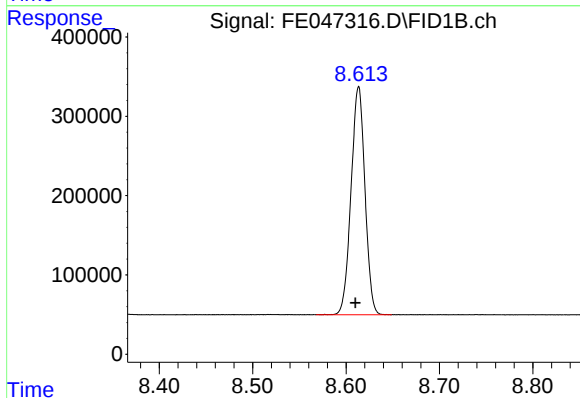
#4 n-Dodecane (C12)

R.T.: 6.786 min
Delta R.T.: 0.004 min
Response: 3011233
Conc: 20.13 ug/ml



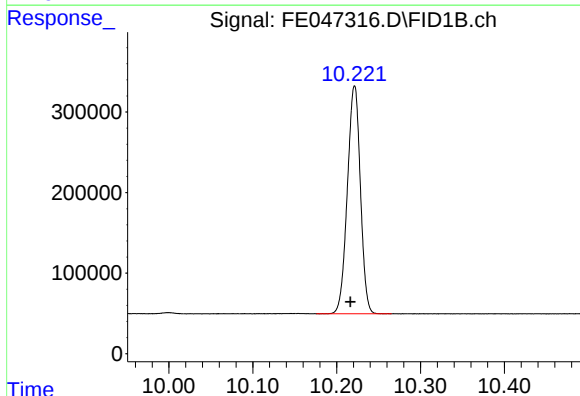
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.424 min
Delta R.T.: 0.005 min
Response: 3038267
Conc: 20.30 ug/ml



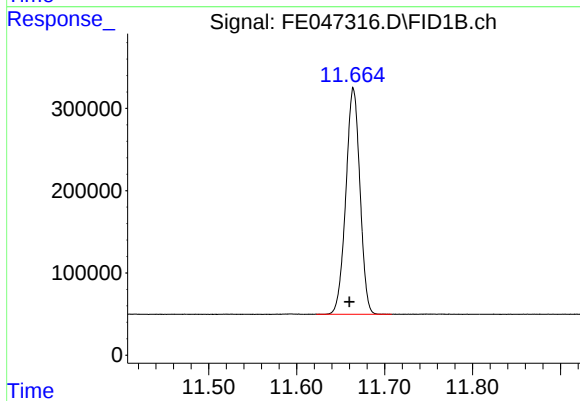
#6 n-Tetradecane (C14)

R.T.: 8.614 min
Delta R.T.: 0.003 min
Response: 2972018
Conc: 20.15 ug/ml



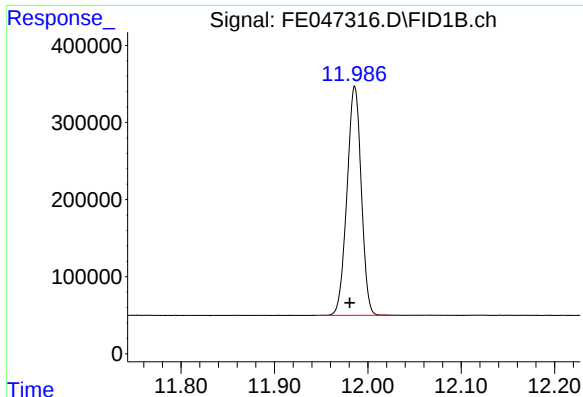
#7 n-Hexadecane (C16)

R.T.: 10.221 min
Delta R.T.: 0.005 min
Response: 3051428
Conc: 20.16 ug/ml



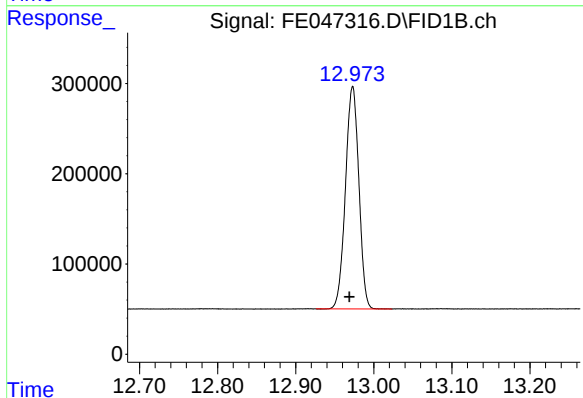
#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.005 min
Response: 3064881
Conc: 20.17 ug/ml



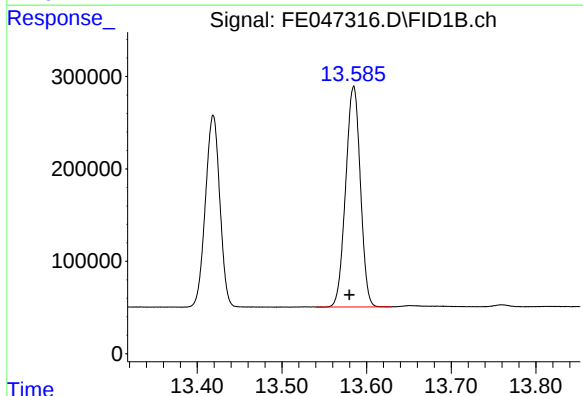
#9 ortho-Terphenyl (SURR)

R.T.: 11.986 min
Delta R.T.: 0.005 min
Response: 3158144
Conc: 20.17 ug/ml



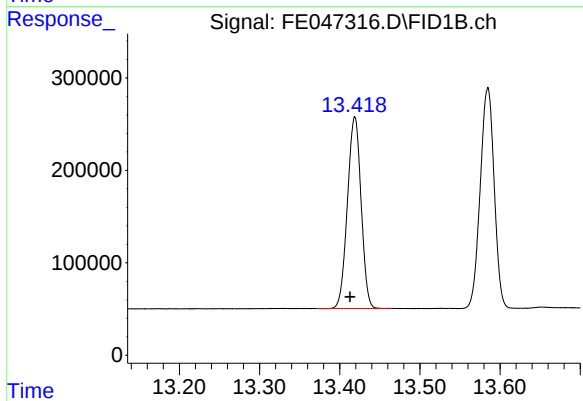
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.004 min
Response: 2940851
Conc: 20.21 ug/ml



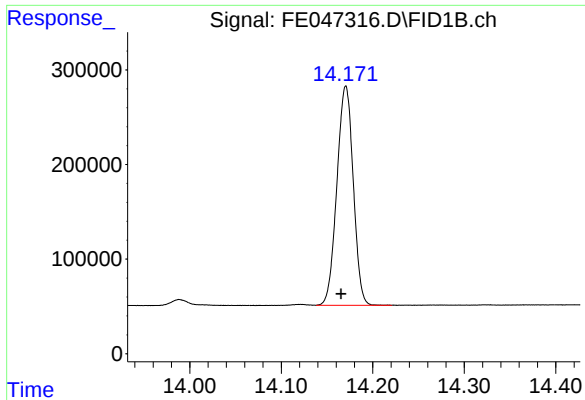
#11 n-Heneicosane (C21)

R.T.: 13.585 min
Delta R.T.: 0.005 min
Response: 2885483
Conc: 20.19 ug/ml



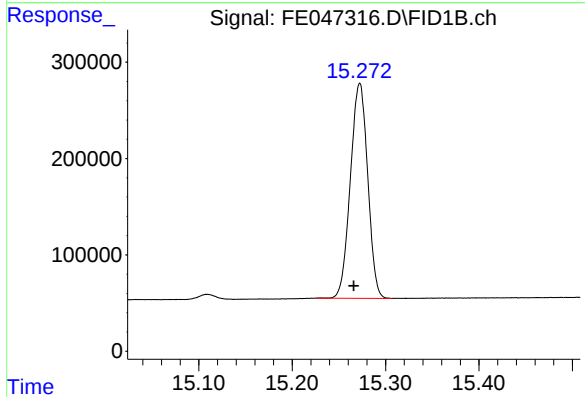
#12 1-chlorooctadecane (SURR)

R.T.: 13.419 min
Delta R.T.: 0.006 min
Response: 2452038
Conc: 20.22 ug/ml



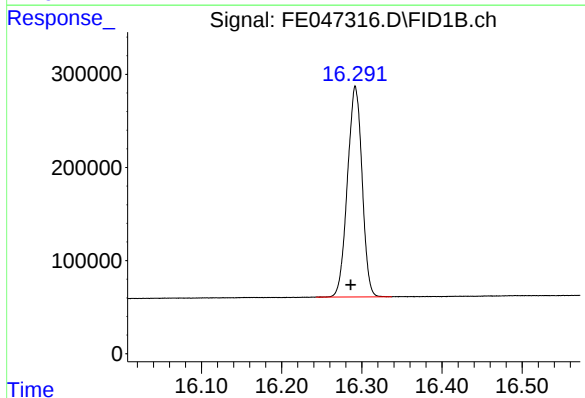
#13 n-Docosane (C22)

R.T.: 14.171 min
Delta R.T.: 0.005 min
Response: 2882475
Conc: 20.31 ug/ml



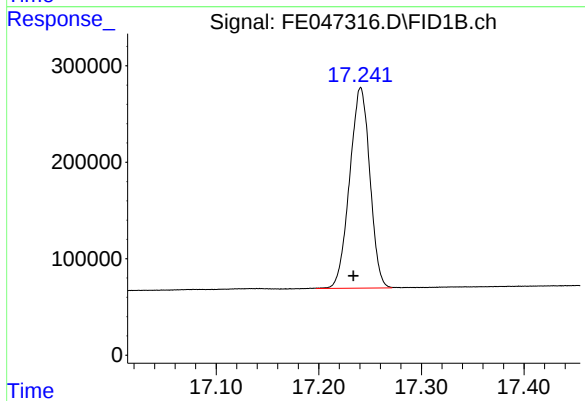
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.006 min
Response: 2877368
Conc: 20.41 ug/ml



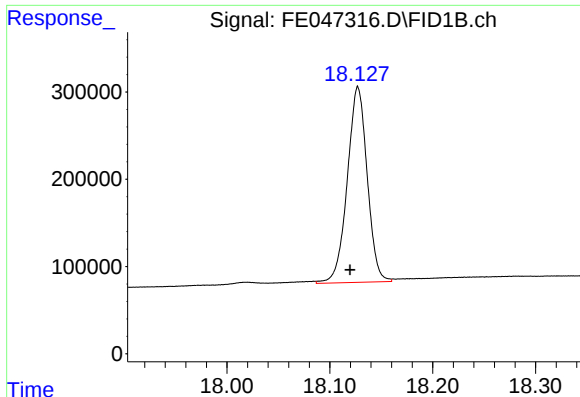
#15 n-Hexacosane (C26)

R.T.: 16.292 min
Delta R.T.: 0.006 min
Response: 2866994
Conc: 20.62 ug/ml



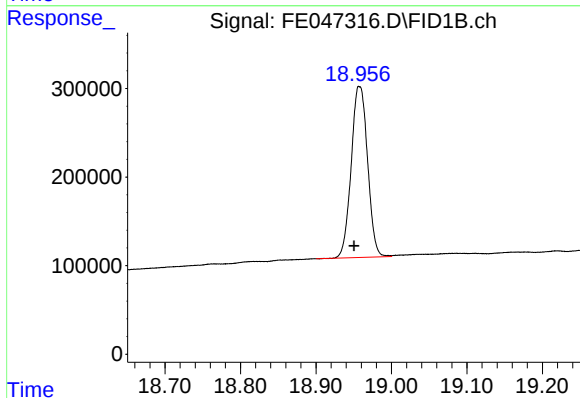
#16 n-Octacosane (C28)

R.T.: 17.241 min
Delta R.T.: 0.007 min
Response: 2848171
Conc: 20.84 ug/ml m



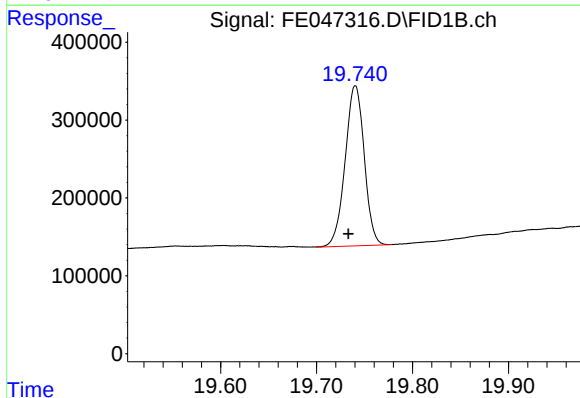
#17 n-Tricontane (C30)

R.T.: 18.127 min
Delta R.T.: 0.007 min
Response: 3018606
Conc: 21.74 ug/ml m



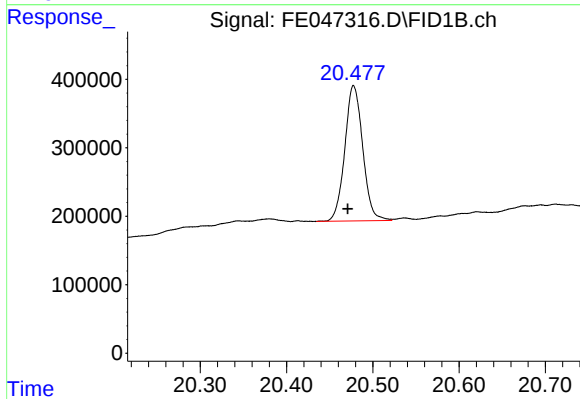
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.007 min
Response: 2908847
Conc: 21.09 ug/ml



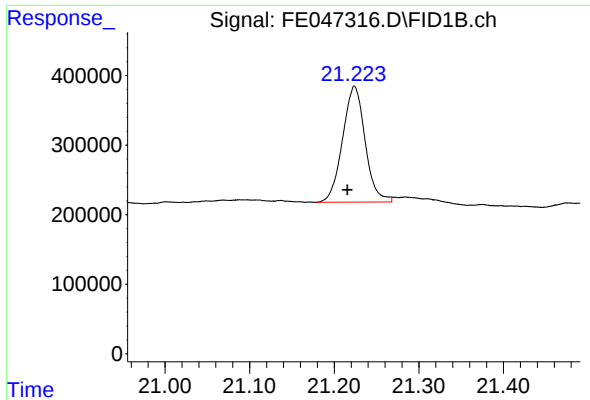
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.007 min
Response: 2845765
Conc: 20.76 ug/ml m



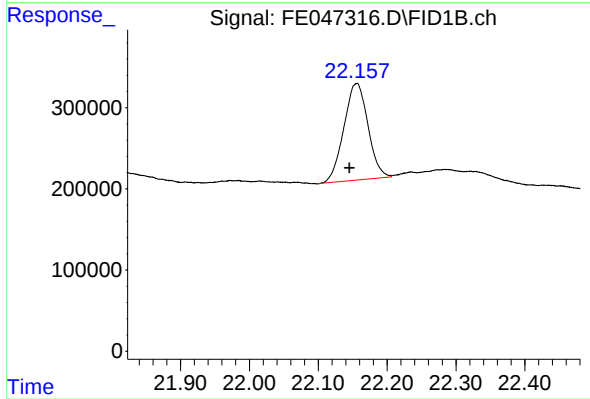
#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: 0.006 min
Response: 2856077
Conc: 20.91 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: 0.008 min
Response: 3088947
Conc: 22.28 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: 0.010 min
Response: 2889894
Conc: 20.17 ug/ml