

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110223AL\
 Data File : FE045154.D
 Signal(s) : FID1B.ch
 Acq On : 02 Nov 2023 11:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 02 23:10:22 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)	11.891	3671738	18.316 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
12) S 1-chlorooctadecane (S...	13.334	2651701	17.919 ug/ml
Spiked Amount 50.000		Recovery =	35.84%
Target Compounds			
1) T n-Nonane (C9)	3.277	3164566	18.864 ug/ml
2) T n-Decane (C10)	4.528	3223470	18.923 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3449870	18.636 ug/ml
4) T n-Dodecane (C12)	6.694	3245703	18.803 ug/ml
5) T A~2-methylnaphthalene...	7.325	3329210	18.455 ug/ml
6) T n-Tetradecane (C14)	8.520	3198481	18.652 ug/ml
7) T n-Hexadecane (C16)	10.131	3233177	18.489 ug/ml
8) T n-Octadecane (C18)	11.577	3208455	18.396 ug/ml
10) T n-Eicosane (C20)	12.889	3045200	18.231 ug/ml
11) T n-Heneicosane (C21)	13.502	2959100	18.153 ug/ml
13) T n-Docosane (C22)	14.088	2911469	18.202 ug/ml
14) T n-Tetracosane (C24)	15.193	2860231	18.430 ug/ml
15) T n-Hexacosane (C26)	16.217	2807907	18.702 ug/ml
16) T n-Octacosane (C28)	17.170	2787376	18.982 ug/ml
17) T n-Tricontane (C30)	18.059	2853630	19.187 ug/ml
18) T n-Dotriacontane (C32)	18.892	2914727	19.419 ug/ml
19) T n-Tetratriacontane (C34)	19.679	2888197	19.402 ug/mlm
20) T n-Hexatriacontane (C36)	20.422	3060366	19.906 ug/mlm
21) T n-Octatriacontane (C38)	21.161	3106608	19.887 ug/mlm
22) T n-Tetracontane (C40)	22.076	3112185	18.622 ug/mlm

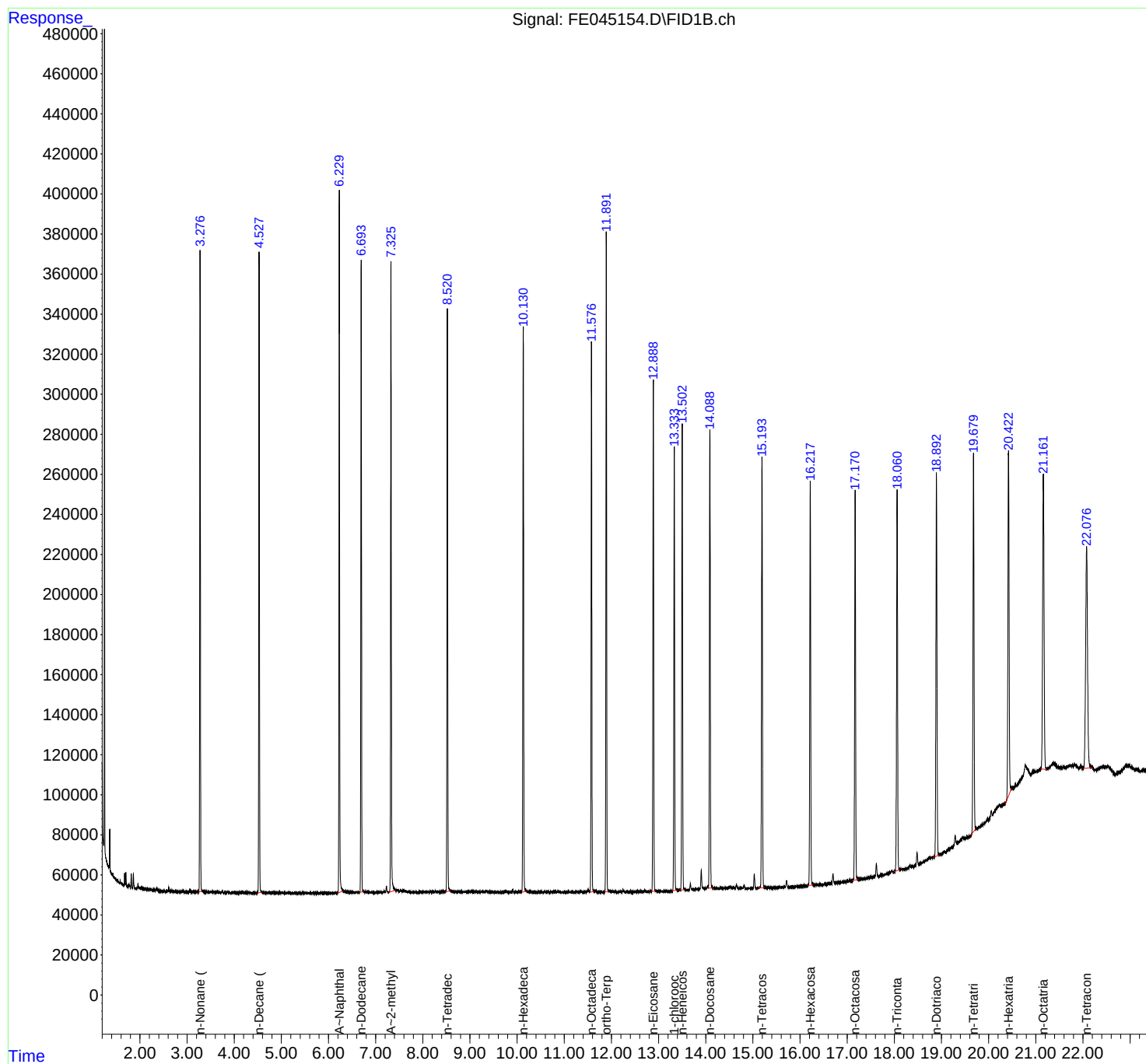
(f)=RT Delta > 1/2 Window

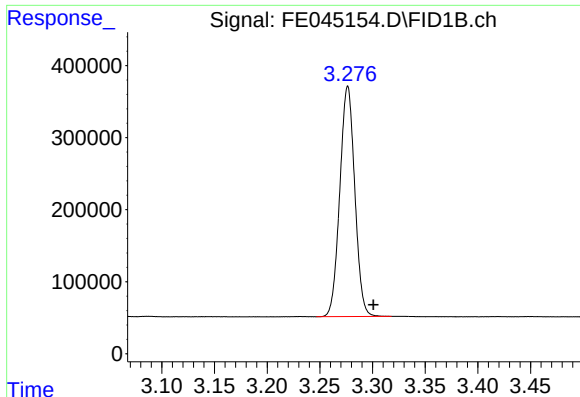
(m)=manual int.

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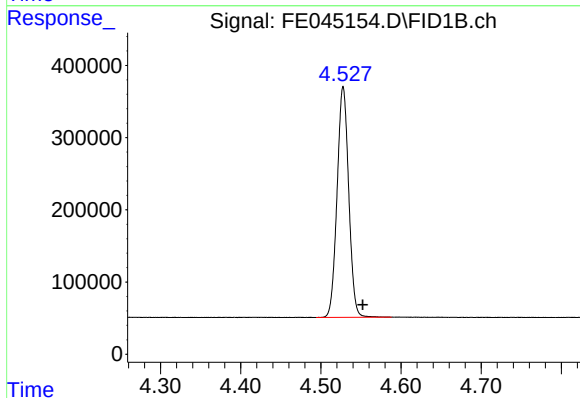
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Signal Info : 20M x 0.18mm x 0.18um





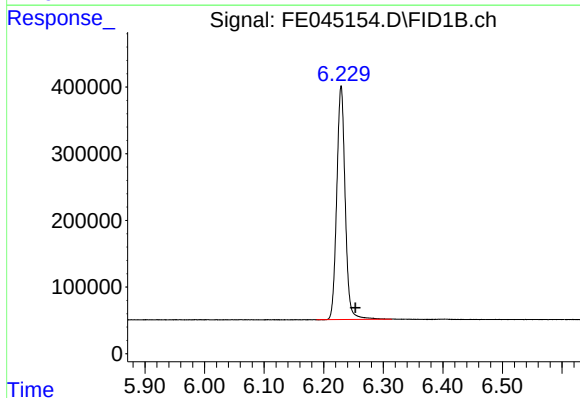
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.024 min
Response: 3164566
Conc: 18.86 ug/ml



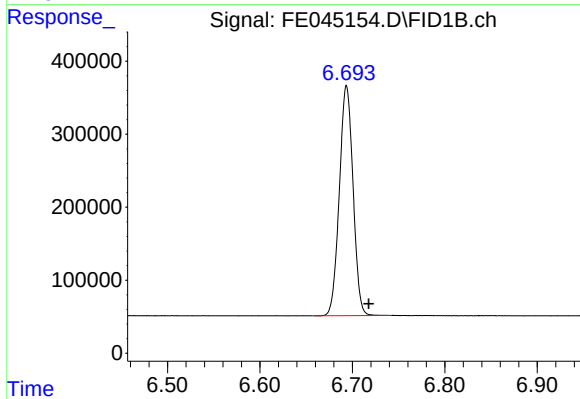
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: -0.024 min
Response: 3223470
Conc: 18.92 ug/ml



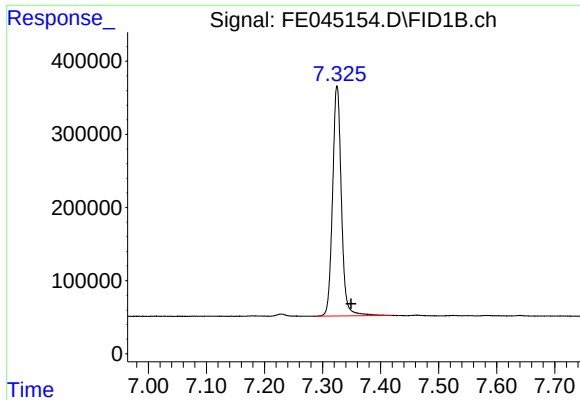
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.024 min
Response: 3449870
Conc: 18.64 ug/ml



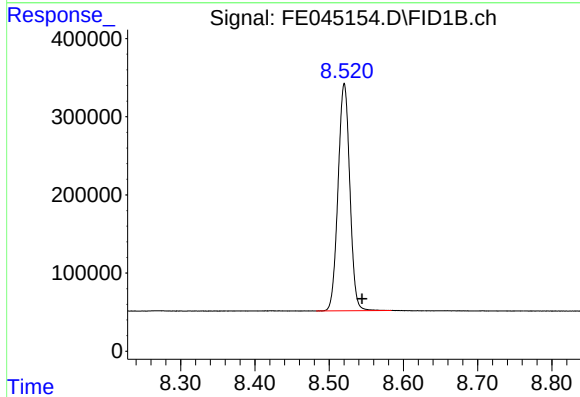
#4 n-Dodecane (C12)

R.T.: 6.694 min
Delta R.T.: -0.024 min
Response: 3245703
Conc: 18.80 ug/ml



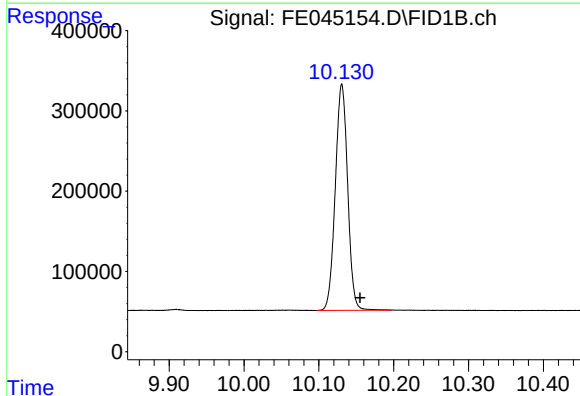
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.325 min
Delta R.T.: -0.024 min
Response: 3329210
Conc: 18.46 ug/ml



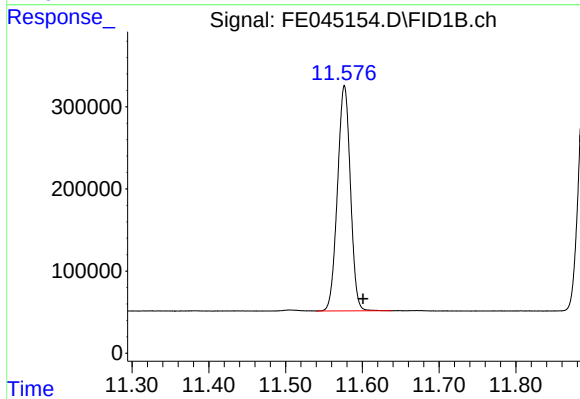
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.024 min
Response: 3198481
Conc: 18.65 ug/ml



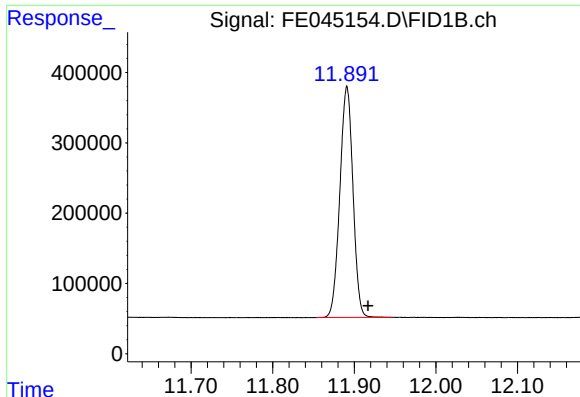
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.025 min
Response: 3233177
Conc: 18.49 ug/ml



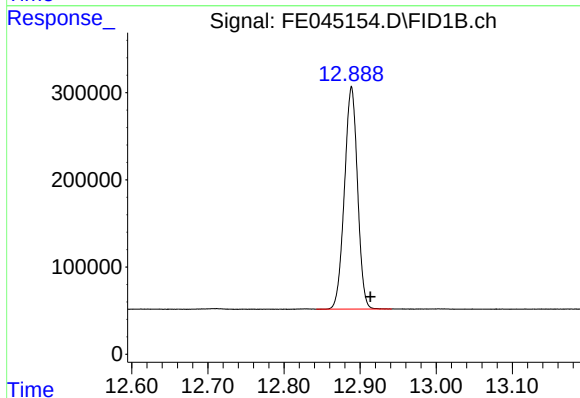
#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.024 min
Response: 3208455
Conc: 18.40 ug/ml



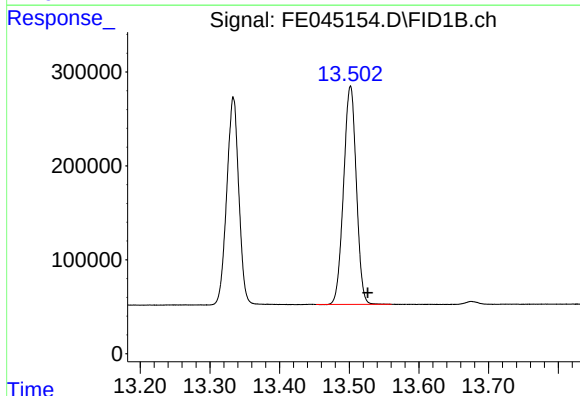
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.026 min
Response: 3671738
Conc: 18.32 ug/ml



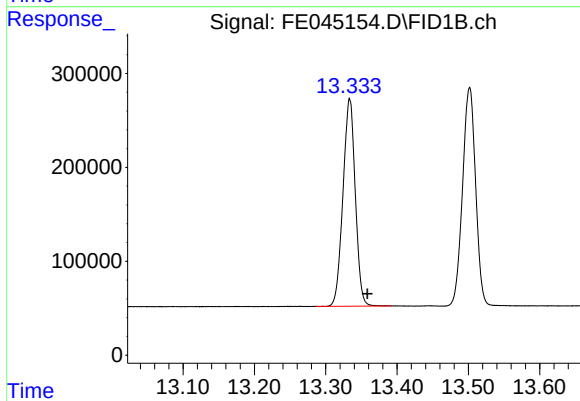
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: -0.025 min
Response: 3045200
Conc: 18.23 ug/ml



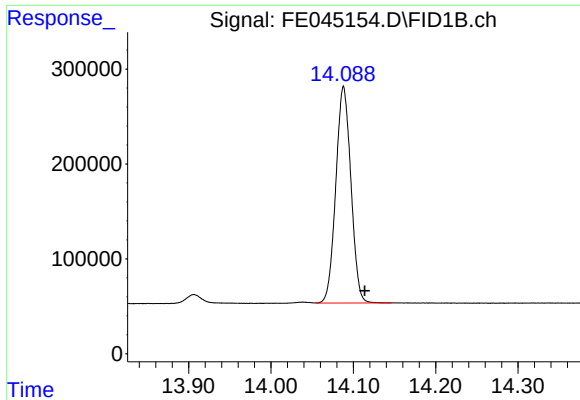
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: -0.025 min
Response: 2959100
Conc: 18.15 ug/ml



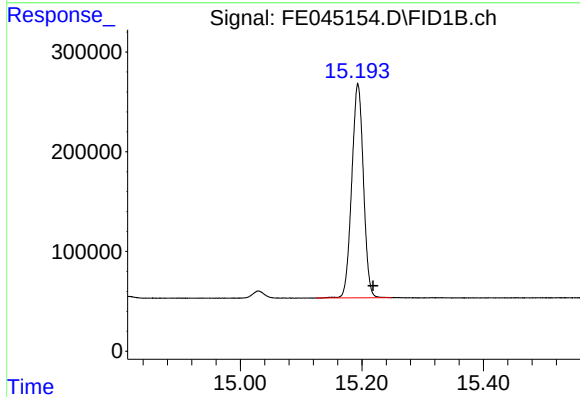
#12 1-chlorooctadecane (SURR)

R.T.: 13.334 min
Delta R.T.: -0.025 min
Response: 2651701
Conc: 17.92 ug/ml



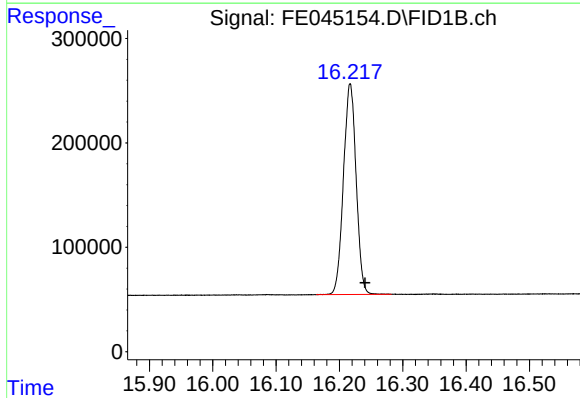
#13 n-Docosane (C22)

R.T.: 14.088 min
Delta R.T.: -0.026 min
Response: 2911469
Conc: 18.20 ug/ml



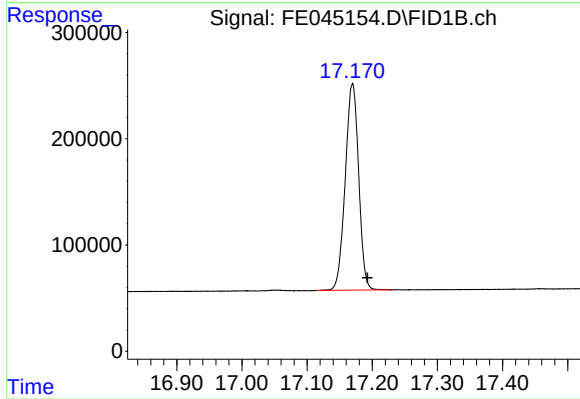
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: -0.025 min
Response: 2860231
Conc: 18.43 ug/ml



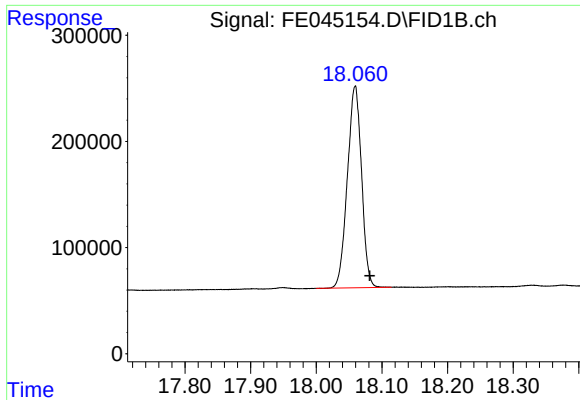
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.024 min
Response: 2807907
Conc: 18.70 ug/ml



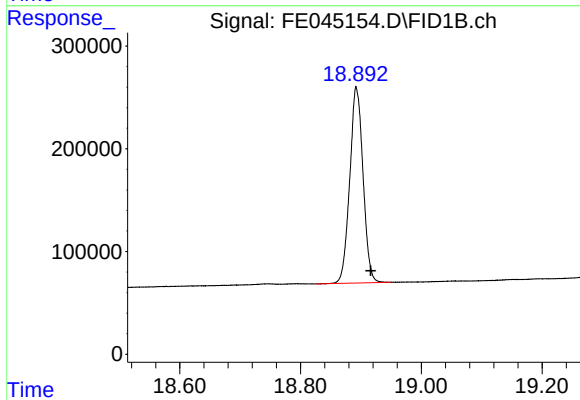
#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: -0.023 min
Response: 2787376
Conc: 18.98 ug/ml



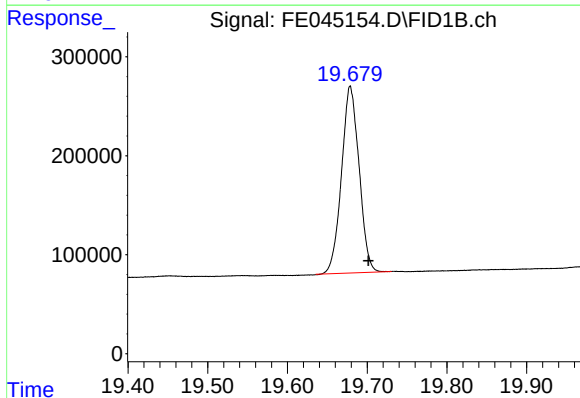
#17 n-Tricontane (C30)

R.T.: 18.059 min
Delta R.T.: -0.023 min
Response: 2853630
Conc: 19.19 ug/ml



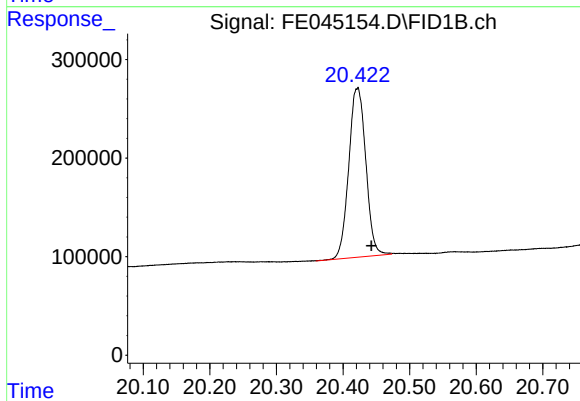
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: -0.024 min
Response: 2914727
Conc: 19.42 ug/ml



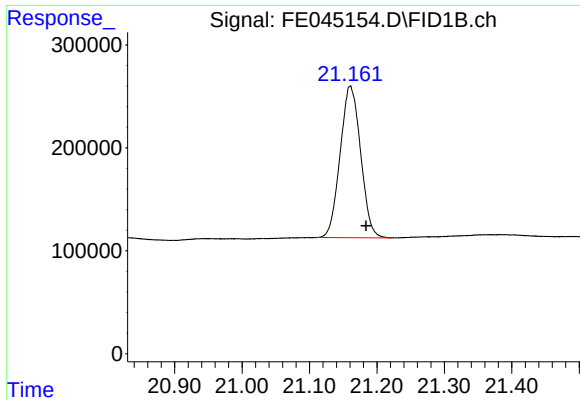
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min
Delta R.T.: -0.023 min
Response: 2888197
Conc: 19.40 ug/ml m



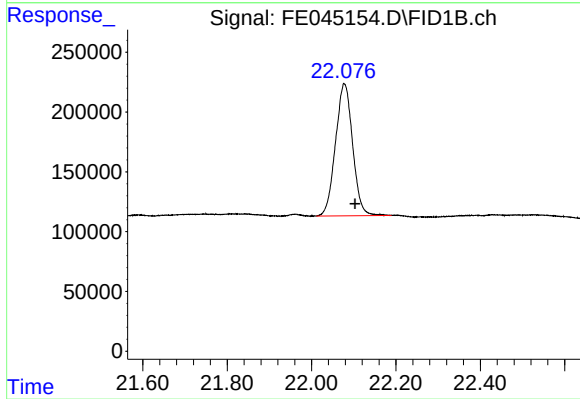
#20 n-Hexatriacontane (C36)

R.T.: 20.422 min
Delta R.T.: -0.020 min
Response: 3060366
Conc: 19.91 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: -0.023 min
Response: 3106608
Conc: 19.89 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.027 min
Response: 3112185
Conc: 18.62 ug/ml m