

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111523AL\  
 Data File : FE045384.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Nov 2023 00:55  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 16 03:16:35 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110423.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 04 05:16:05 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
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System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.876	3696712	19.362 ug/ml
Spiked Amount	50.000	Recovery =	38.72%
12) S 1-chlorooctadecane (S...	13.318	2680905	19.464 ug/ml
Spiked Amount	50.000	Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.264	3125962	18.922 ug/ml
2) T n-Decane (C10)	4.515	3244106	19.347 ug/ml
3) T A~Naphthalene (C11.7)	6.215	3439730	19.270 ug/ml
4) T n-Dodecane (C12)	6.681	3281927	19.433 ug/ml
5) T A~2-methylnaphthalene...	7.310	3313481	19.296 ug/ml
6) T n-Tetradecane (C14)	8.507	3240664	19.444 ug/ml
7) T n-Hexadecane (C16)	10.117	3274049	19.465 ug/ml
8) T n-Octadecane (C18)	11.562	3229232	19.294 ug/ml
10) T n-Eicosane (C20)	12.874	3064234	19.344 ug/ml
11) T n-Heneicosane (C21)	13.486	2977801	19.367 ug/ml
13) T n-Docosane (C22)	14.074	2940327	19.406 ug/ml
14) T n-Tetracosane (C24)	15.178	2909278	19.643 ug/ml
15) T n-Hexacosane (C26)	16.201	2879503	19.756 ug/ml
16) T n-Octacosane (C28)	17.152	2960685	20.261 ug/ml
17) T n-Tricontane (C30)	18.041	3204199	21.094 ug/ml
18) T n-Dotriacontane (C32)	18.876	3368791	21.564 ug/ml
19) T n-Tetratriacontane (C34)	19.662	3329000	21.321 ug/ml
20) T n-Hexatriacontane (C36)	20.403	3302499	20.346 ug/ml
21) T n-Octatriacontane (C38)	21.139	3369812	20.283 ug/ml
22) T n-Tetracontane (C40)	22.049	3246529	19.007 ug/ml
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(f)=RT Delta > 1/2 Window

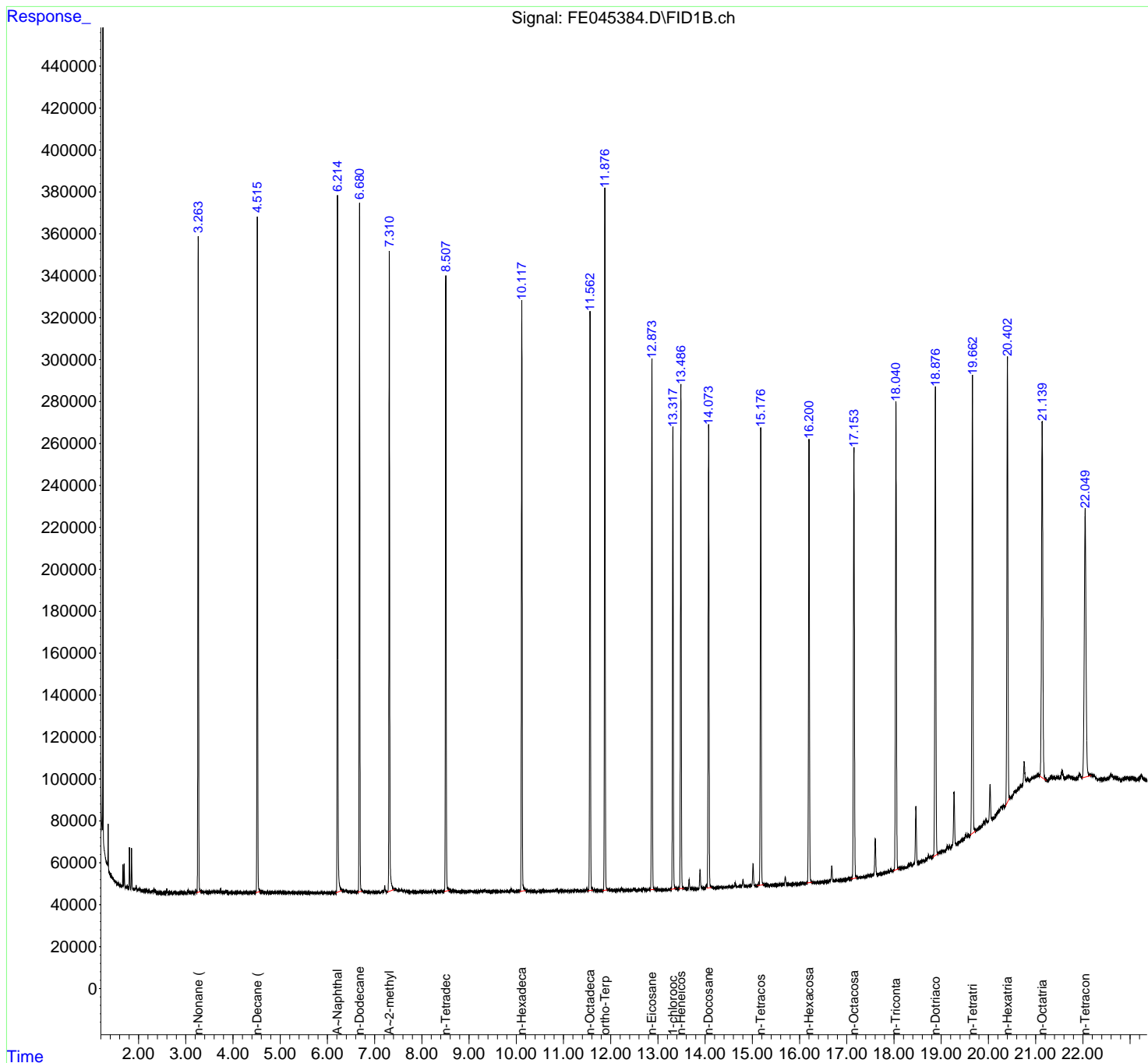
(m)=manual int.

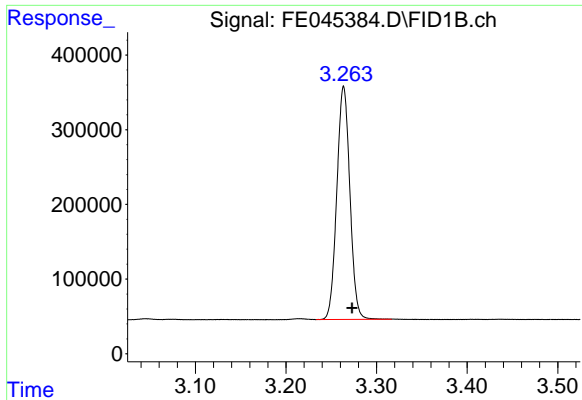
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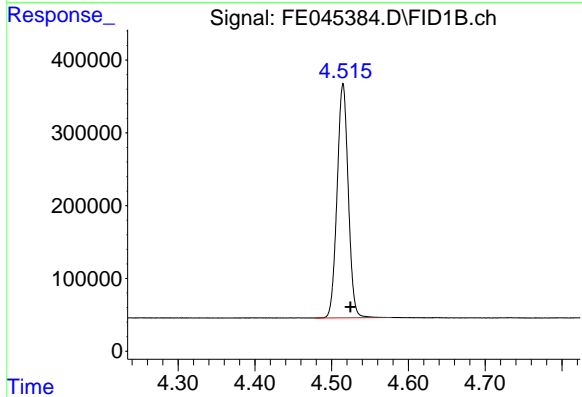




#1 n-Nonane (C9)

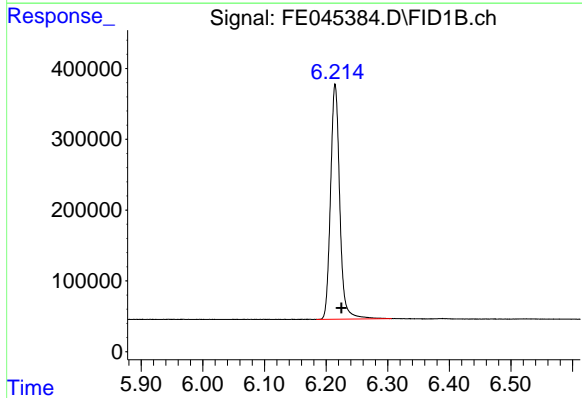
R.T.: 3.264 min  
 Delta R.T.: -0.009 min  
 Response: 3125962  
 Conc: 18.92 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :



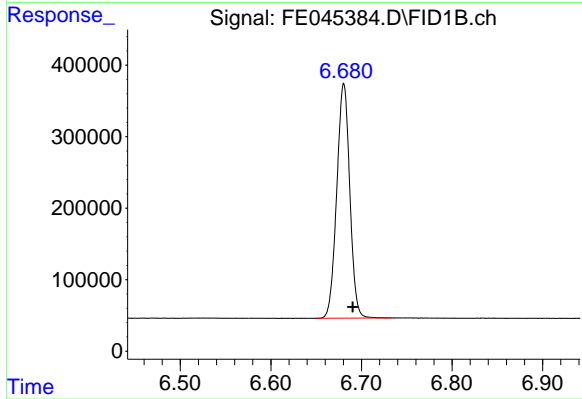
#2 n-Decane (C10)

R.T.: 4.515 min  
 Delta R.T.: -0.010 min  
 Response: 3244106  
 Conc: 19.35 ug/ml



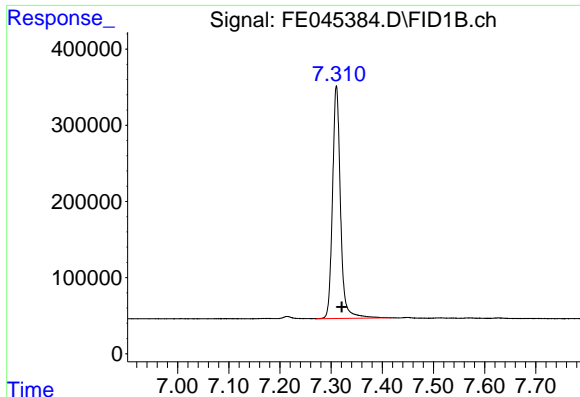
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min  
 Delta R.T.: -0.010 min  
 Response: 3439730  
 Conc: 19.27 ug/ml



#4 n-Dodecane (C12)

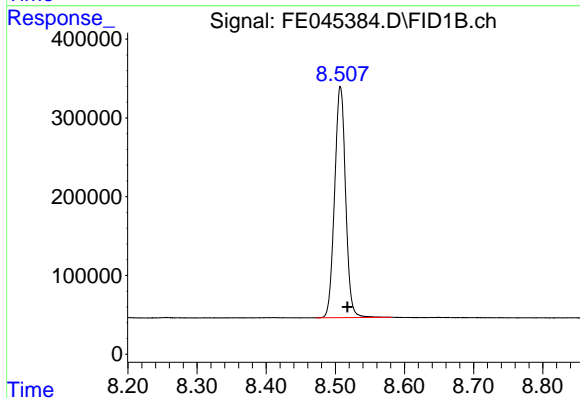
R.T.: 6.681 min  
 Delta R.T.: -0.010 min  
 Response: 3281927  
 Conc: 19.43 ug/ml



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

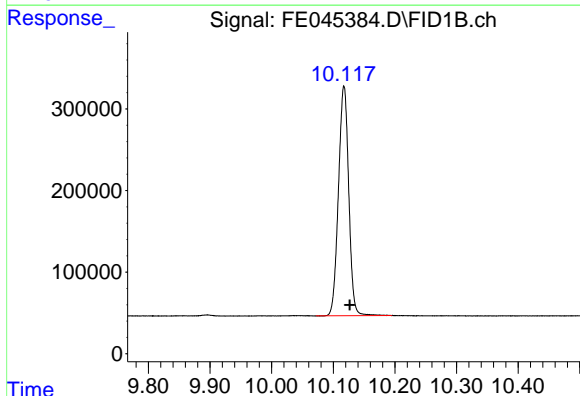
R.T.: 7.310 min  
 Delta R.T.: -0.010 min  
 Response: 3313481  
 Conc: 19.30 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :



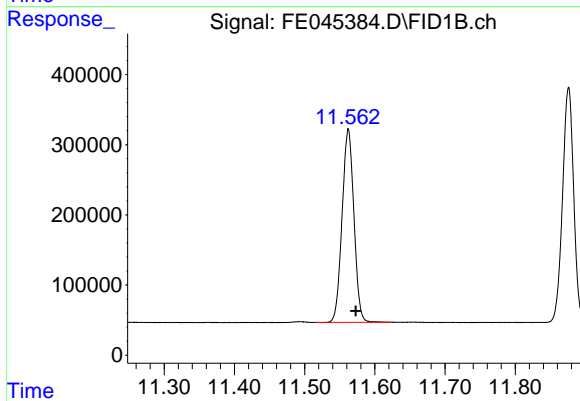
#6 n-Tetradecane (C14)

R.T.: 8.507 min  
 Delta R.T.: -0.010 min  
 Response: 3240664  
 Conc: 19.44 ug/ml



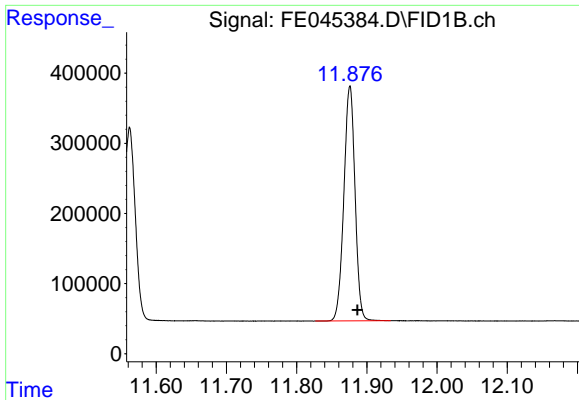
#7 n-Hexadecane (C16)

R.T.: 10.117 min  
 Delta R.T.: -0.009 min  
 Response: 3274049  
 Conc: 19.46 ug/ml



#8 n-Octadecane (C18)

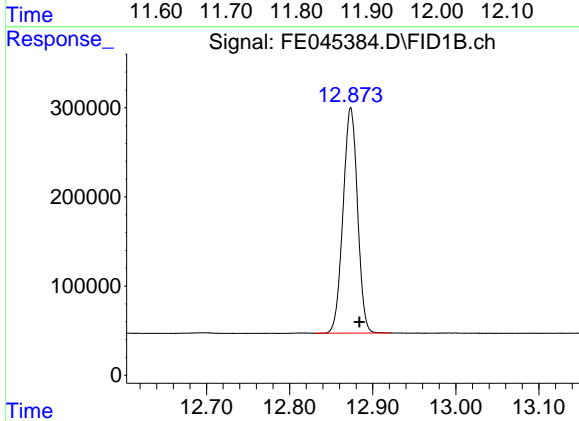
R.T.: 11.562 min  
 Delta R.T.: -0.011 min  
 Response: 3229232  
 Conc: 19.29 ug/ml



#9 ortho-Terphenyl (SURR)

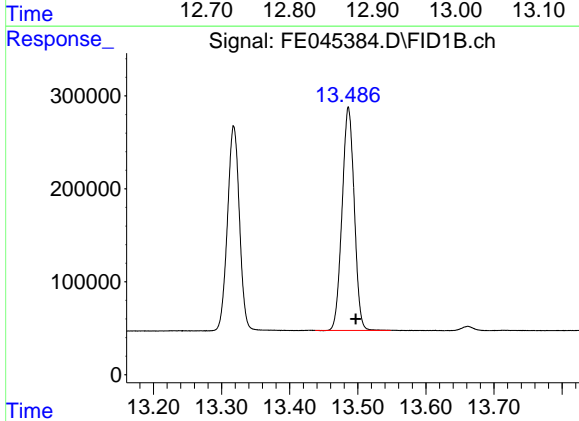
R.T.: 11.876 min  
Delta R.T.: -0.011 min  
Response: 3696712  
Conc: 19.36 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



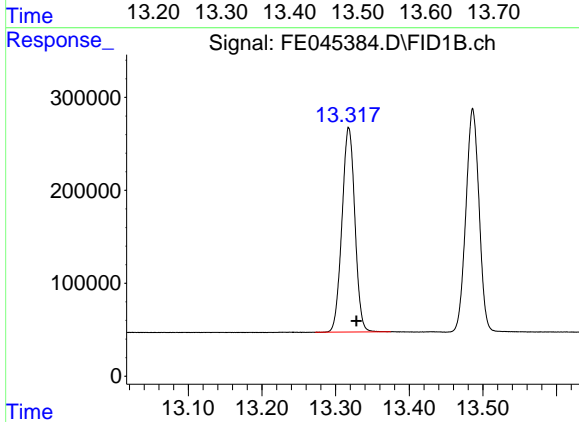
#10 n-Eicosane (C20)

R.T.: 12.874 min  
Delta R.T.: -0.010 min  
Response: 3064234  
Conc: 19.34 ug/ml



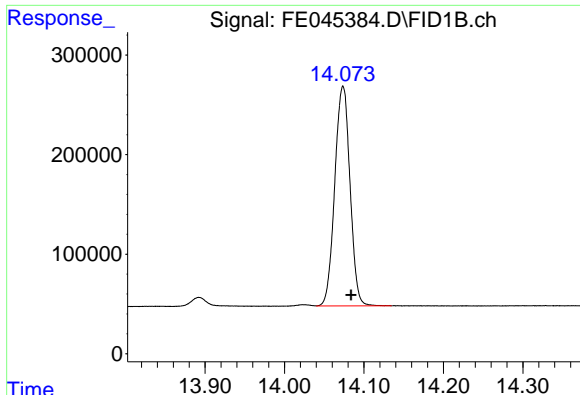
#11 n-Heneicosane (C21)

R.T.: 13.486 min  
Delta R.T.: -0.010 min  
Response: 2977801  
Conc: 19.37 ug/ml



#12 1-chlorooctadecane (SURR)

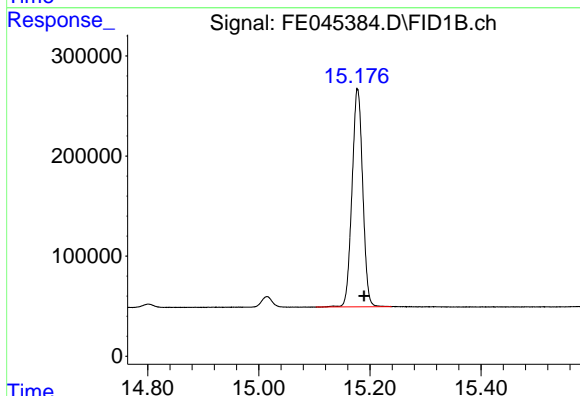
R.T.: 13.318 min  
Delta R.T.: -0.010 min  
Response: 2680905  
Conc: 19.46 ug/ml



#13 n-Docosane (C22)

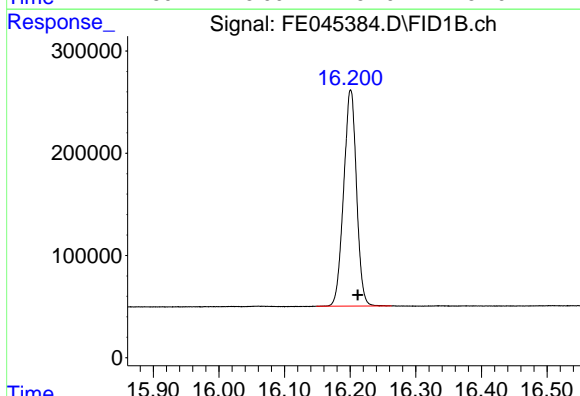
R.T.: 14.074 min  
 Delta R.T.: -0.010 min  
 Response: 2940327  
 Conc: 19.41 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :



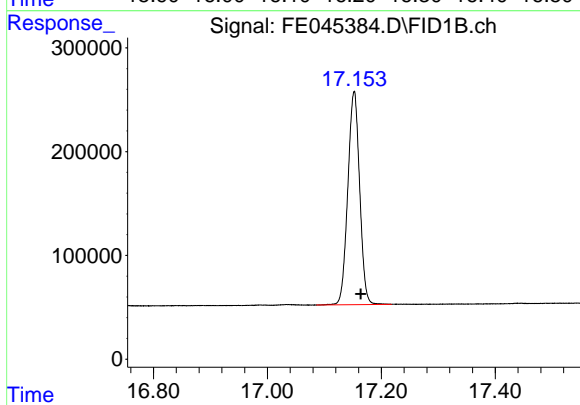
#14 n-Tetracosane (C24)

R.T.: 15.178 min  
 Delta R.T.: -0.011 min  
 Response: 2909278  
 Conc: 19.64 ug/ml



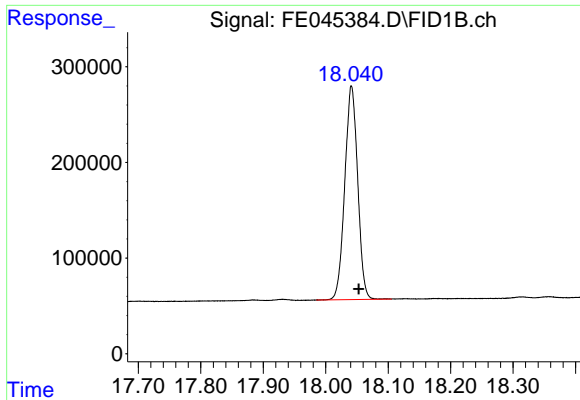
#15 n-Hexacosane (C26)

R.T.: 16.201 min  
 Delta R.T.: -0.011 min  
 Response: 2879503  
 Conc: 19.76 ug/ml



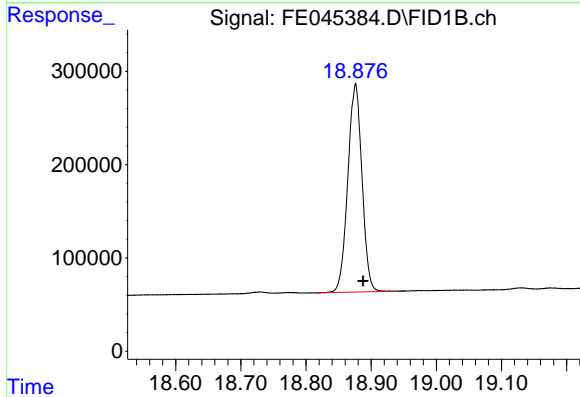
#16 n-Octacosane (C28)

R.T.: 17.152 min  
 Delta R.T.: -0.011 min  
 Response: 2960685  
 Conc: 20.26 ug/ml

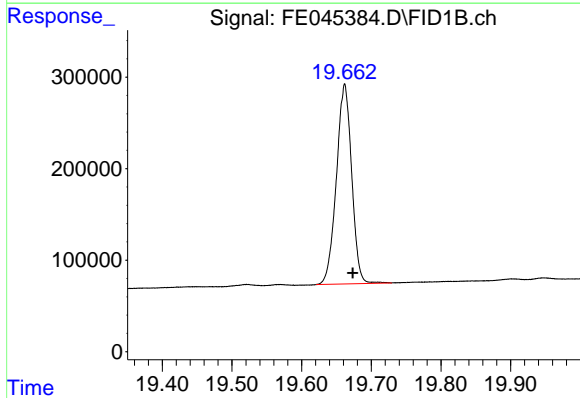


#17 n-Tricontane (C30)  
 R.T.: 18.041 min  
 Delta R.T.: -0.011 min  
 Response: 3204199  
 Conc: 21.09 ug/ml

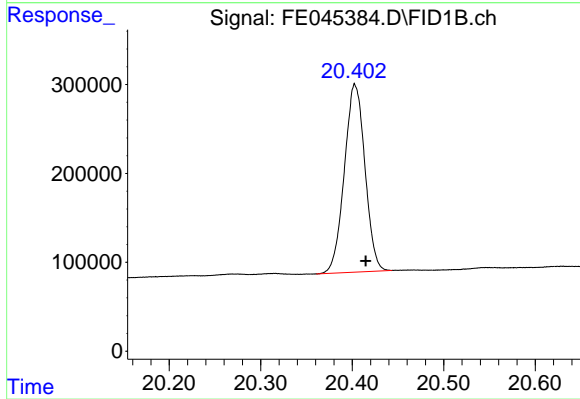
Instrument :  
 FID\_E  
 ClientSampleId :



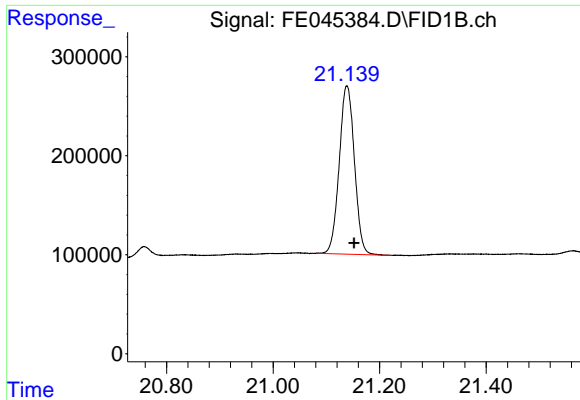
#18 n-Dotriacontane (C32)  
 R.T.: 18.876 min  
 Delta R.T.: -0.011 min  
 Response: 3368791  
 Conc: 21.56 ug/ml



#19 n-Tetratriacontane (C34)  
 R.T.: 19.662 min  
 Delta R.T.: -0.011 min  
 Response: 3329000  
 Conc: 21.32 ug/ml



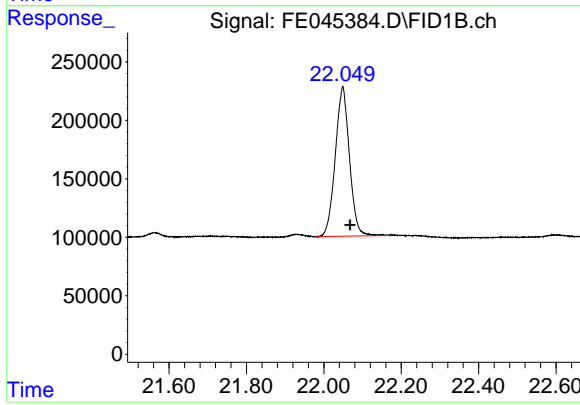
#20 n-Hexatriacontane (C36)  
 R.T.: 20.403 min  
 Delta R.T.: -0.012 min  
 Response: 3302499  
 Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min  
Delta R.T.: -0.014 min  
Response: 3369812  
Conc: 20.28 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.049 min  
Delta R.T.: -0.019 min  
Response: 3246529  
Conc: 19.01 ug/ml