

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
 Data File : FECCC01.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2023 22:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 02:38:54 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)	11.836	4028352	19.264 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
12) S 1-chlorooctadecane (S...	13.279	2973634	18.899 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
Target Compounds			
1) T n-Nonane (C9)	3.227	3457306	21.802 ug/ml
2) T n-Decane (C10)	4.478	3496911	21.837 ug/ml
3) T A~Naphthalene (C11.7)	6.177	3765029	21.614 ug/ml
4) T n-Dodecane (C12)	6.645	3509773	21.729 ug/ml
5) T A~2-methylnaphthalene...	7.273	3627357	21.360 ug/ml
6) T n-Tetradecane (C14)	8.471	3469129	21.625 ug/ml
7) T n-Hexadecane (C16)	10.080	3492949	21.093 ug/ml
8) T n-Octadecane (C18)	11.525	3464876	20.209 ug/ml
10) T n-Eicosane (C20)	12.835	3316170	19.166 ug/ml
11) T n-Heneicosane (C21)	13.447	3242214	18.847 ug/ml
13) T n-Docosane (C22)	14.034	3175991	18.420 ug/ml
14) T n-Tetracosane (C24)	15.138	3086200	17.678 ug/ml
15) T n-Hexacosane (C26)	16.161	3011514	17.292 ug/ml
16) T n-Octacosane (C28)	17.112	2961697	17.136 ug/ml
17) T n-Tricontane (C30)	18.002	3004663	17.175 ug/ml
18) T n-Dotriacontane (C32)	18.837	3021414	16.562 ug/ml
19) T n-Tetratriacontane (C34)	19.622	2984734	17.988 ug/ml
20) T n-Hexatriacontane (C36)	20.363	3048753	19.206 ug/ml
21) T n-Octatriacontane (C38)	21.094	3098684	19.760 ug/ml
22) T n-Tetracontane (C40)	21.989	3331642	23.443 ug/ml

(f)=RT Delta > 1/2 Window

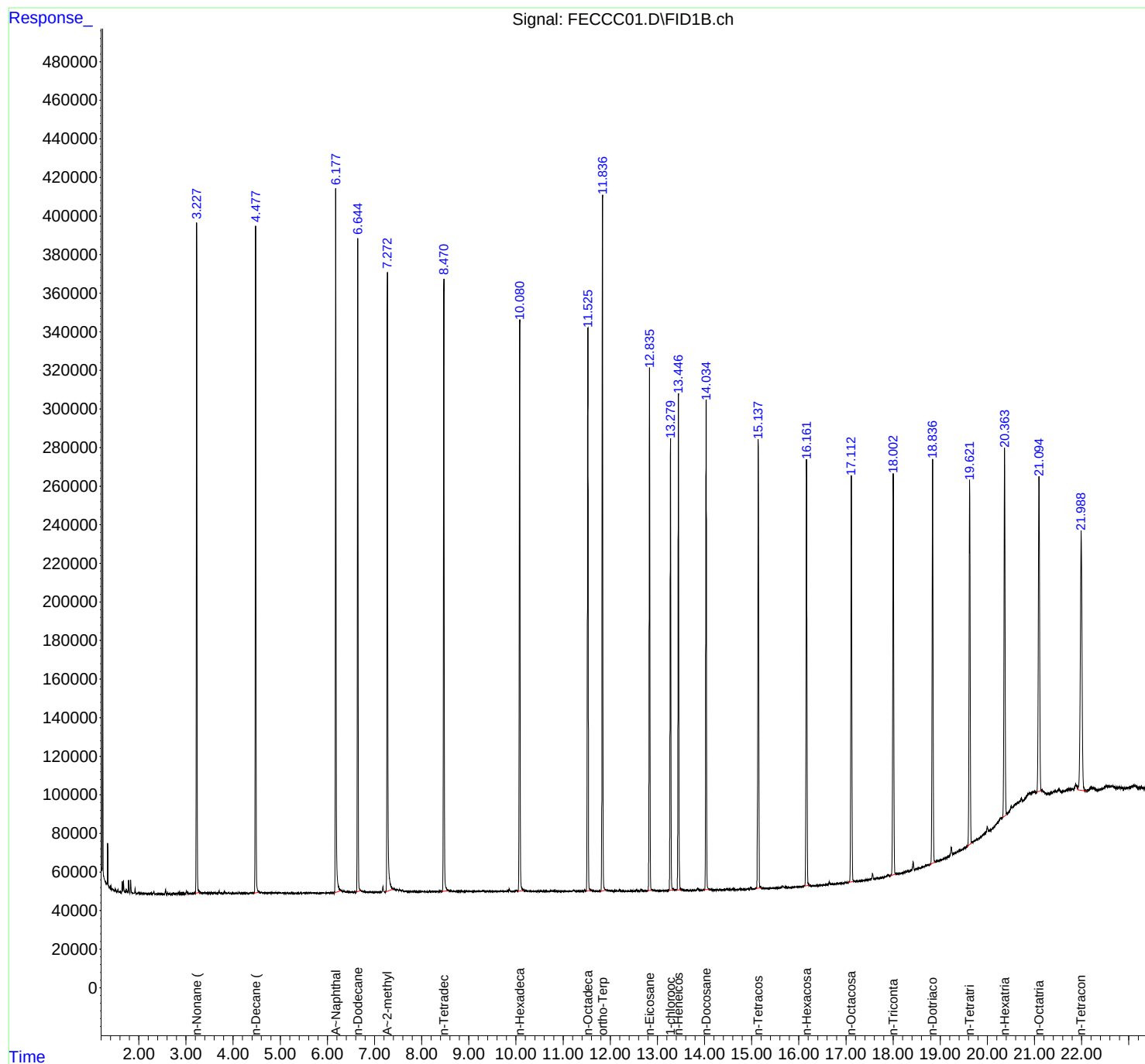
(m)=manual int.

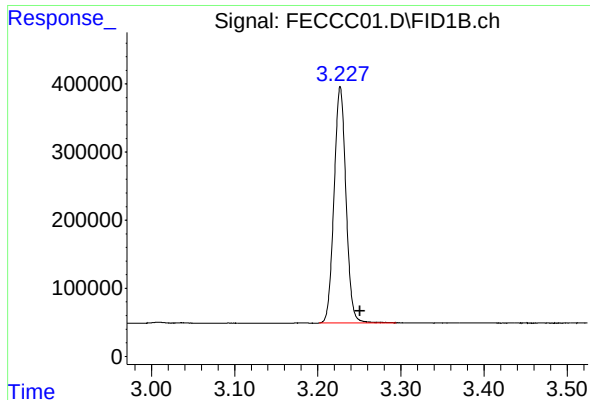
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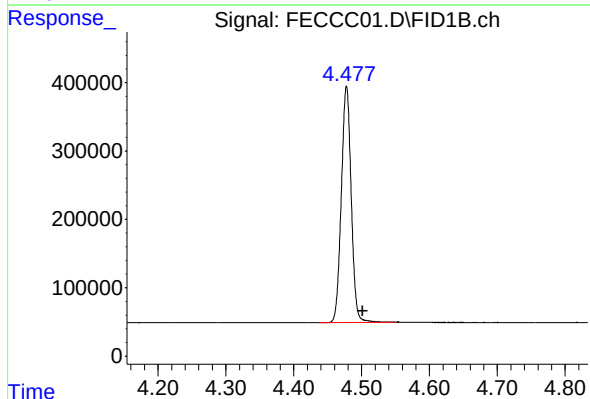




#1 n-Nonane (C9)

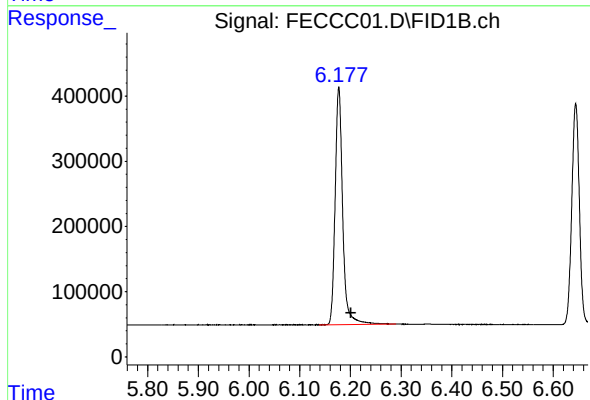
R.T.: 3.227 min
Delta R.T.: -0.024 min
Response: 3457306
Conc: 21.80 ug/ml

Instrument :
FID_E
ClientSampleId :



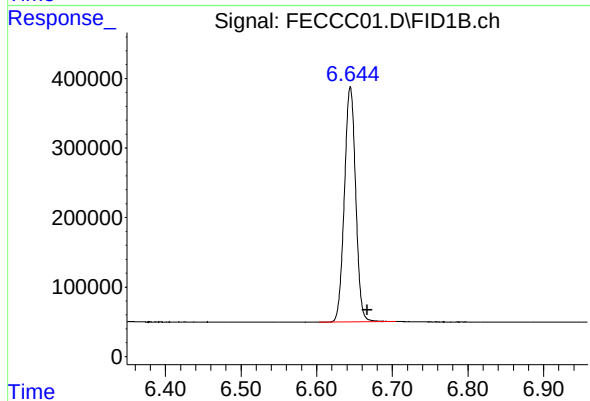
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.023 min
Response: 3496911
Conc: 21.84 ug/ml



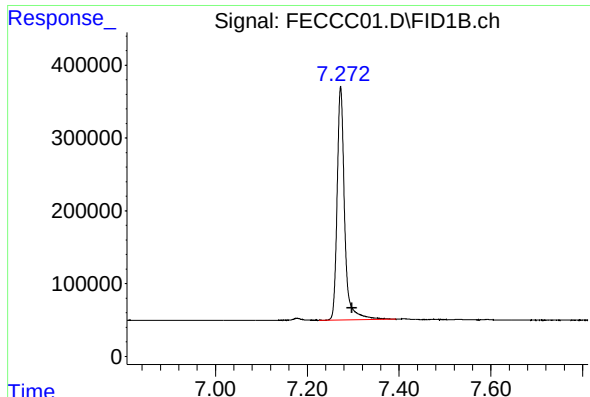
#3 A~Naphthalene (C11.7)

R.T.: 6.177 min
Delta R.T.: -0.024 min
Response: 3765029
Conc: 21.61 ug/ml



#4 n-Dodecane (C12)

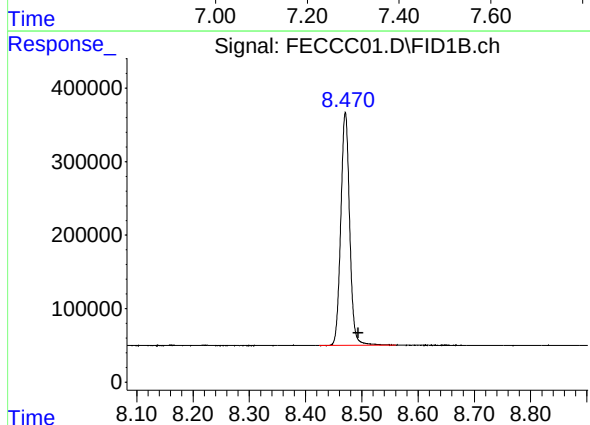
R.T.: 6.645 min
Delta R.T.: -0.023 min
Response: 3509773
Conc: 21.73 ug/ml



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

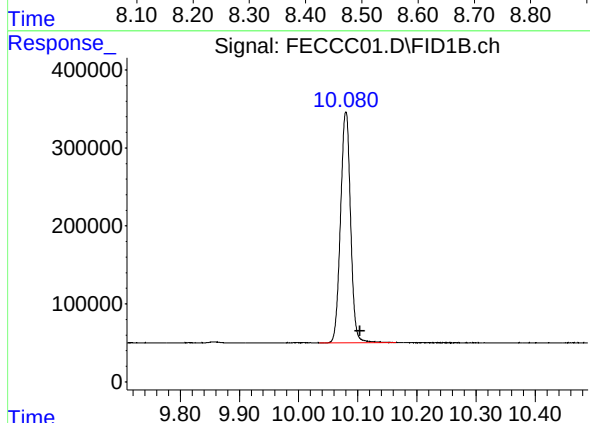
R.T.: 7.273 min
Delta R.T.: -0.025 min
Response: 3627357
Conc: 21.36 ug/ml

Instrument :
FID_E
ClientSampleId :



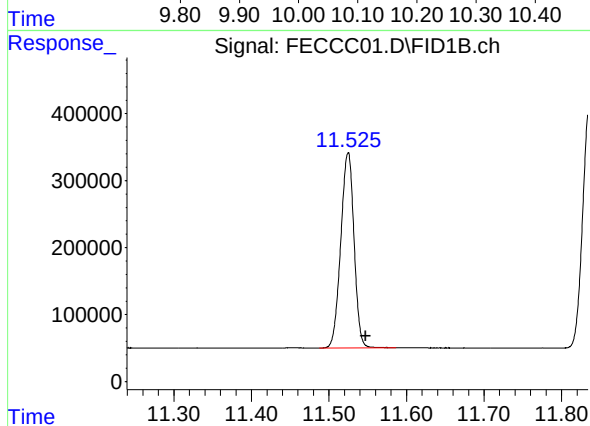
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.023 min
Response: 3469129
Conc: 21.62 ug/ml



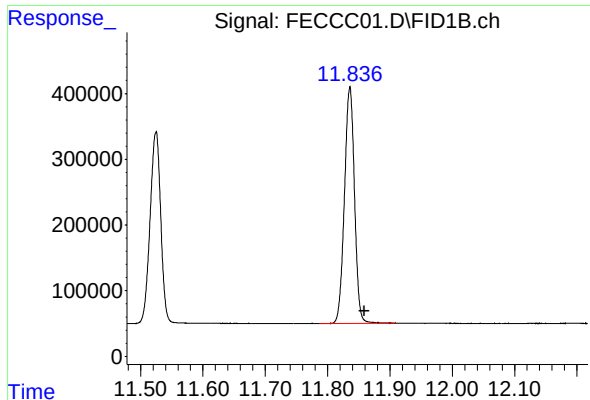
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.024 min
Response: 3492949
Conc: 21.09 ug/ml



#8 n-Octadecane (C18)

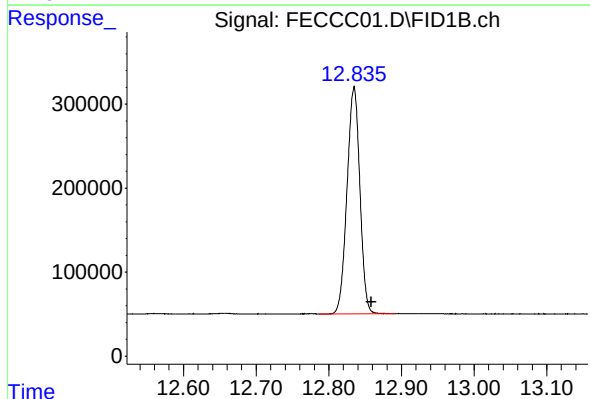
R.T.: 11.525 min
Delta R.T.: -0.023 min
Response: 3464876
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

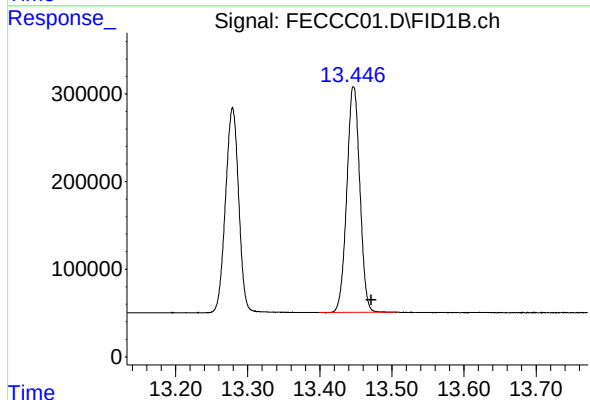
R.T.: 11.836 min
Delta R.T.: -0.023 min
Response: 4028352
Conc: 19.26 ug/ml

Instrument :
FID_E
ClientSampleId :



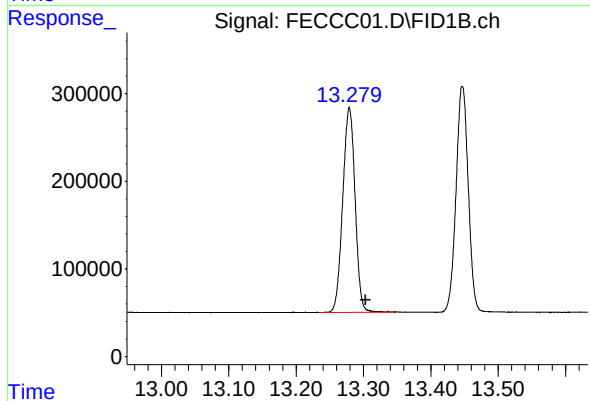
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: -0.023 min
Response: 3316170
Conc: 19.17 ug/ml



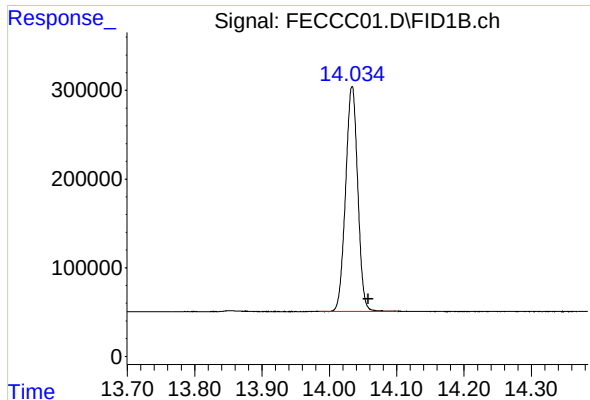
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.024 min
Response: 3242214
Conc: 18.85 ug/ml



#12 1-chlorooctadecane (SURR)

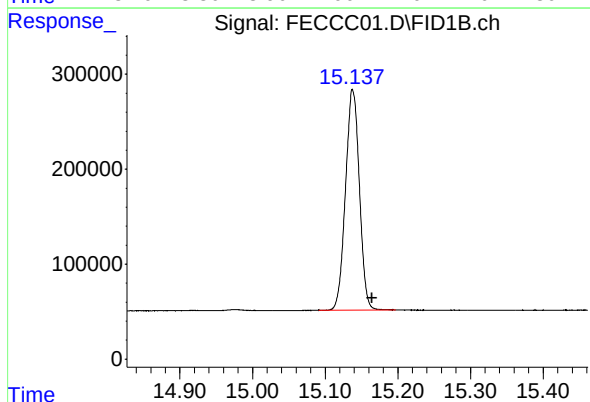
R.T.: 13.279 min
Delta R.T.: -0.024 min
Response: 2973634
Conc: 18.90 ug/ml



#13 n-Docosane (C22)

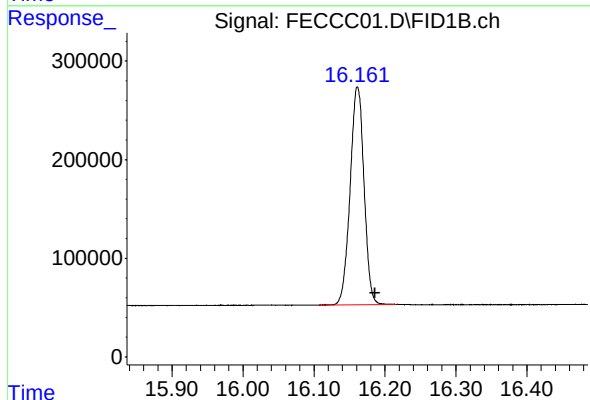
R.T.: 14.034 min
Delta R.T.: -0.024 min
Response: 3175991
Conc: 18.42 ug/ml

Instrument :
FID_E
ClientSampleId :



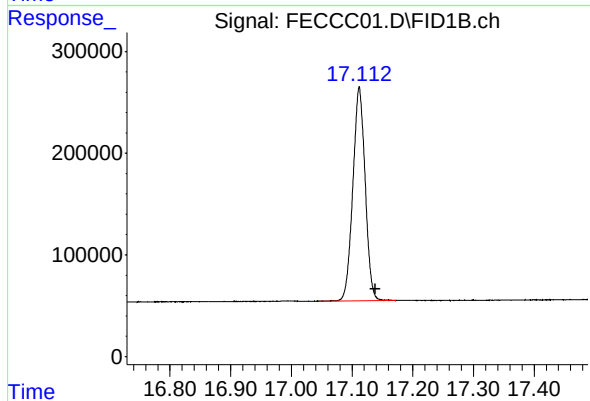
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.026 min
Response: 3086200
Conc: 17.68 ug/ml



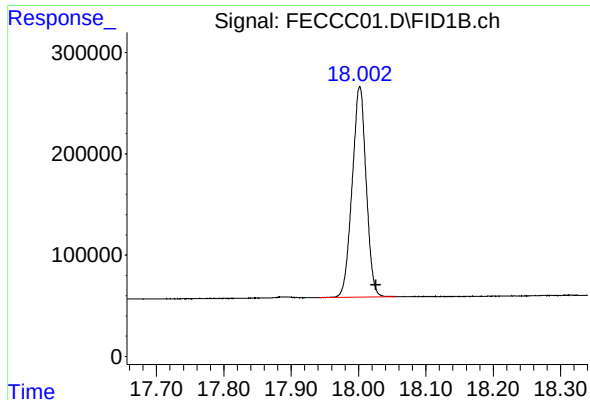
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.025 min
Response: 3011514
Conc: 17.29 ug/ml



#16 n-Octacosane (C28)

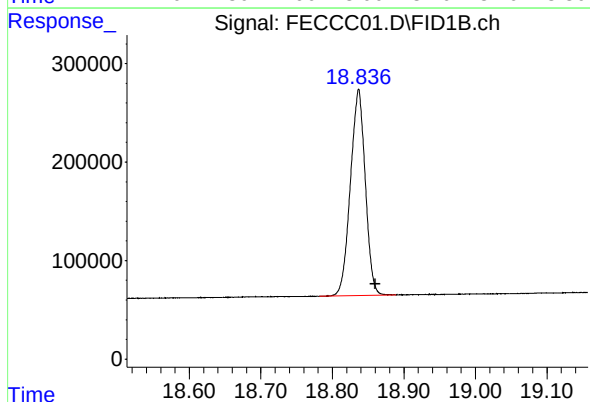
R.T.: 17.112 min
Delta R.T.: -0.026 min
Response: 2961697
Conc: 17.14 ug/ml



#17 n-Tricontane (C30)

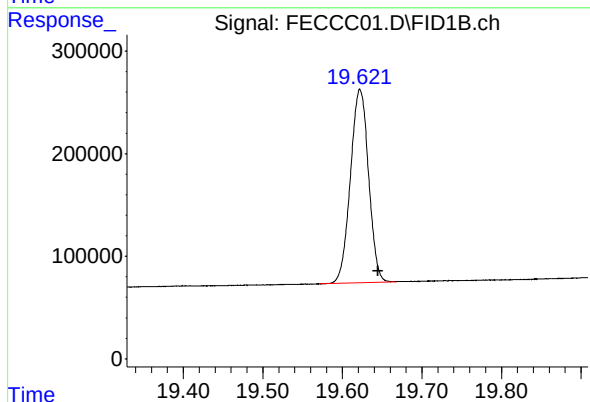
R.T.: 18.002 min
Delta R.T.: -0.024 min
Response: 3004663
Conc: 17.17 ug/ml

Instrument :
FID_E
ClientSampleId :



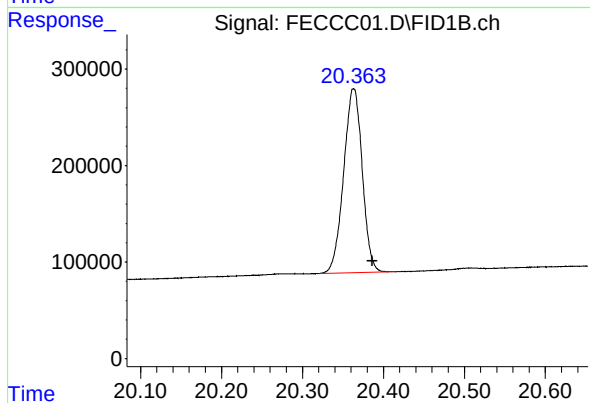
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: -0.023 min
Response: 3021414
Conc: 16.56 ug/ml



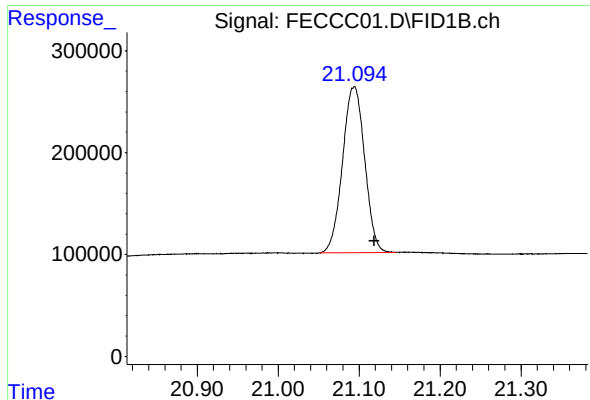
#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.023 min
Response: 2984734
Conc: 17.99 ug/ml



#20 n-Hexatriacontane (C36)

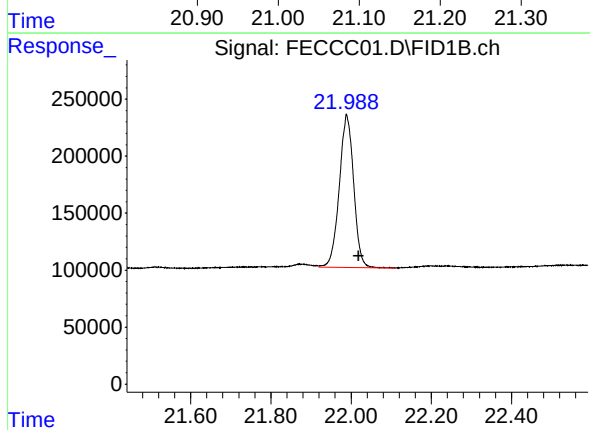
R.T.: 20.363 min
Delta R.T.: -0.023 min
Response: 3048753
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.094 min
Delta R.T.: -0.025 min
Response: 3098684
Conc: 19.76 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: -0.031 min
Response: 3331642
Conc: 23.44 ug/ml