

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
 Data File : FECCC02.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2023 23:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 02:39:03 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)	11.835	3721259	17.795 ug/ml
Spiked Amount 50.000		Recovery =	35.59%
12) S 1-chlorooctadecane (S...	13.279	2741400	17.423 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
Target Compounds			
1) T n-Nonane (C9)	3.227	3017672	19.030 ug/ml
2) T n-Decane (C10)	4.477	3096236	19.335 ug/ml
3) T A~Naphthalene (C11.7)	6.177	3345876	19.208 ug/ml
4) T n-Dodecane (C12)	6.644	3139187	19.434 ug/ml
5) T A~2-methylnaphthalene...	7.273	3245091	19.109 ug/ml
6) T n-Tetradecane (C14)	8.471	3132540	19.527 ug/ml
7) T n-Hexadecane (C16)	10.080	3198324	19.314 ug/ml
8) T n-Octadecane (C18)	11.524	3201968	18.676 ug/ml
10) T n-Eicosane (C20)	12.834	3069833	17.743 ug/ml
11) T n-Heneicosane (C21)	13.447	2992650	17.396 ug/ml
13) T n-Docosane (C22)	14.034	2951199	17.116 ug/ml
14) T n-Tetracosane (C24)	15.138	2890927	16.559 ug/ml
15) T n-Hexacosane (C26)	16.161	2827878	16.238 ug/ml
16) T n-Octacosane (C28)	17.113	2805937	16.235 ug/ml
17) T n-Tricontane (C30)	18.001	2910763	16.638 ug/ml
18) T n-Dotriacontane (C32)	18.836	2949992	16.170 ug/ml
19) T n-Tetratriacontane (C34)	19.621	2868025	17.284 ug/ml
20) T n-Hexatriacontane (C36)	20.363	2868652	18.072 ug/ml
21) T n-Octatriacontane (C38)	21.094	2895165	18.462 ug/ml
22) T n-Tetracontane (C40)	21.988	3162046	22.250 ug/ml

(f)=RT Delta > 1/2 Window

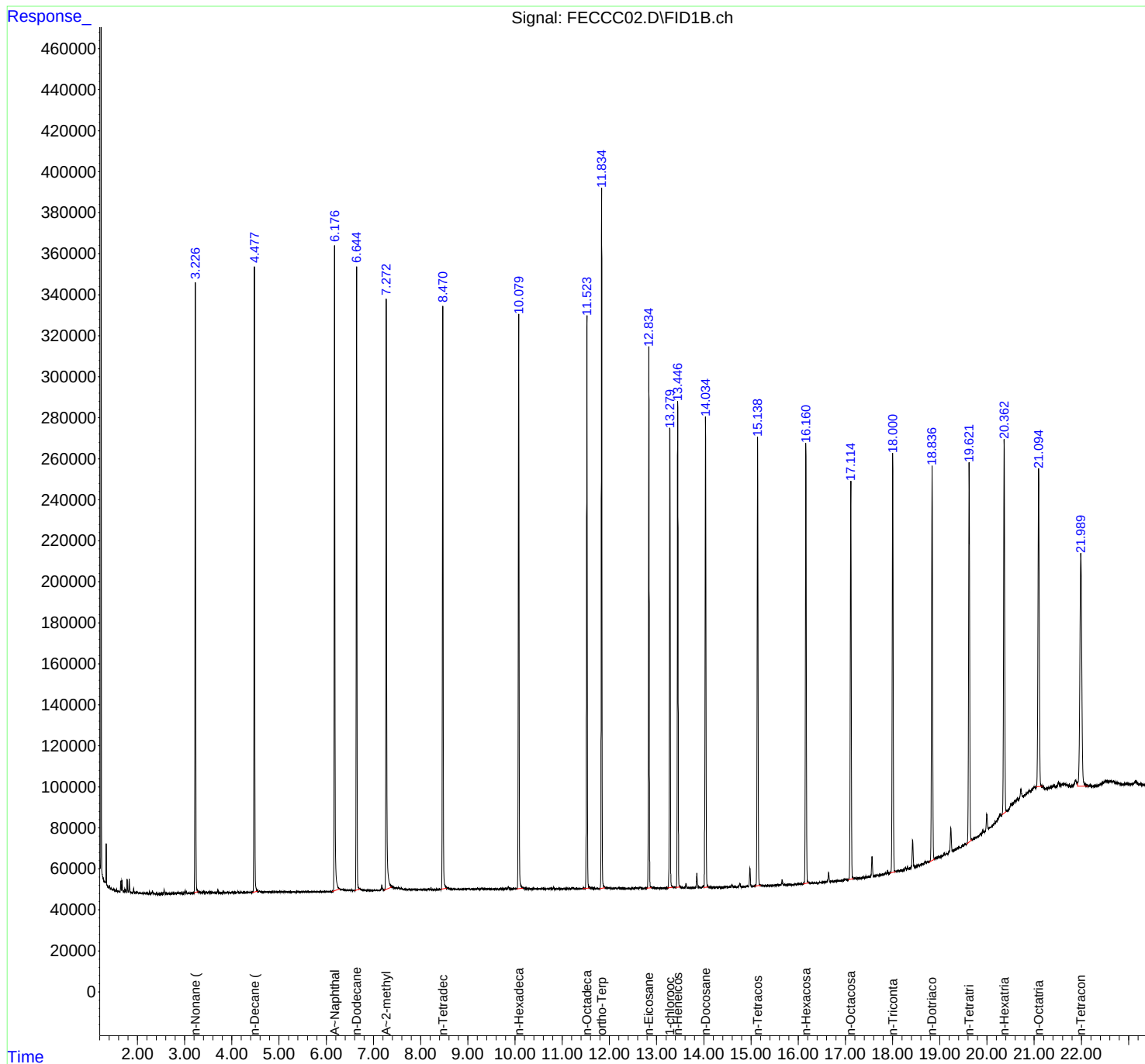
(m)=manual int.

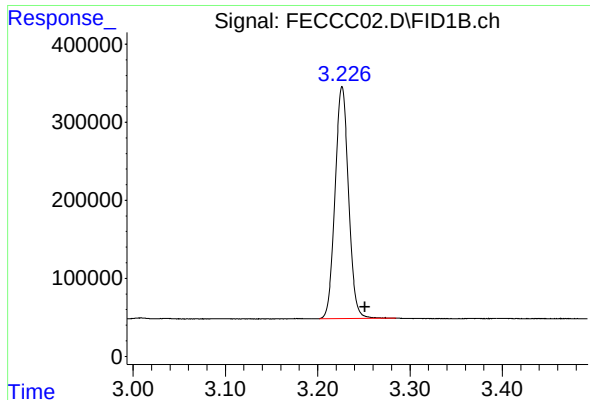
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
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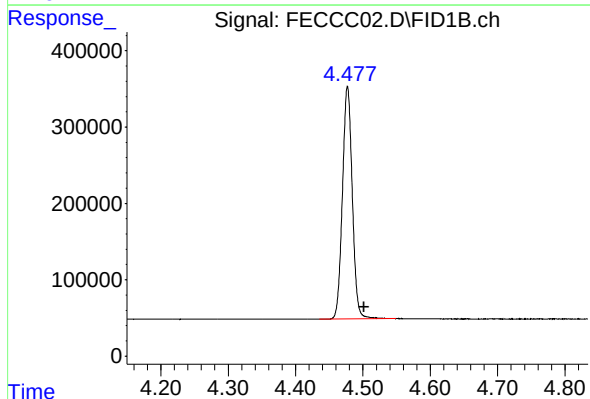




#1 n-Nonane (C9)

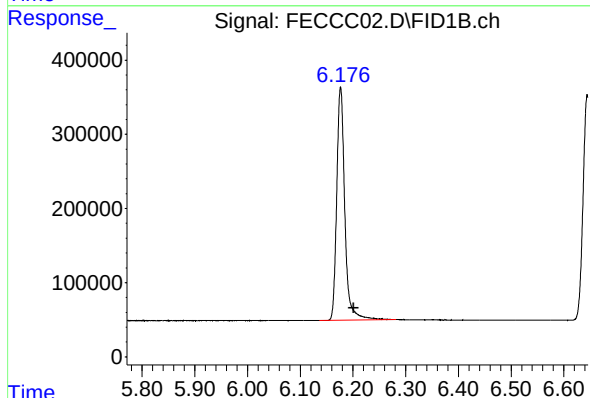
R.T.: 3.227 min
Delta R.T.: -0.024 min
Response: 3017672
Conc: 19.03 ug/ml

Instrument :
FID_E
ClientSampleId :



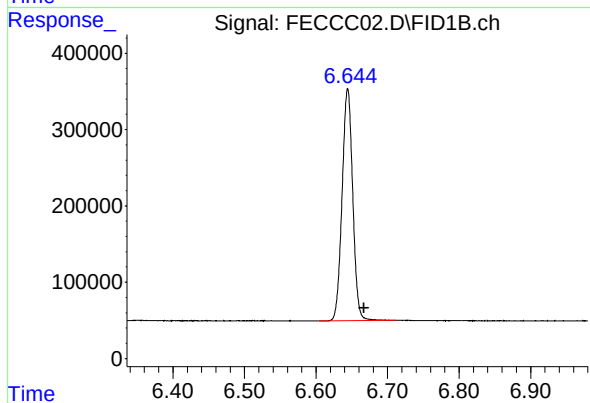
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.024 min
Response: 3096236
Conc: 19.34 ug/ml



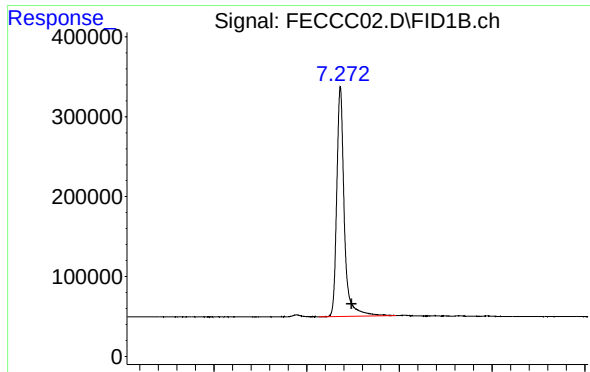
#3 A~Naphthalene (C11.7)

R.T.: 6.177 min
Delta R.T.: -0.025 min
Response: 3345876
Conc: 19.21 ug/ml



#4 n-Dodecane (C12)

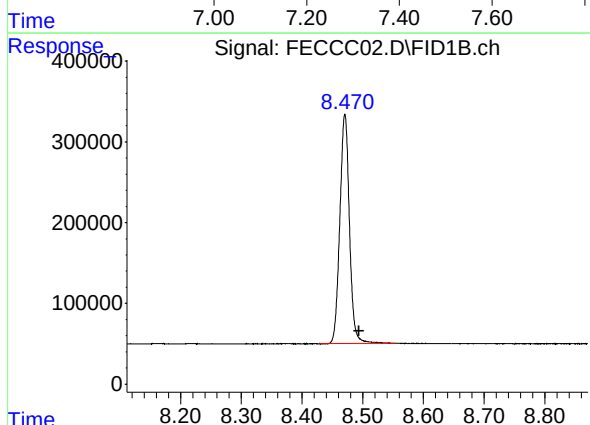
R.T.: 6.644 min
Delta R.T.: -0.023 min
Response: 3139187
Conc: 19.43 ug/ml



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

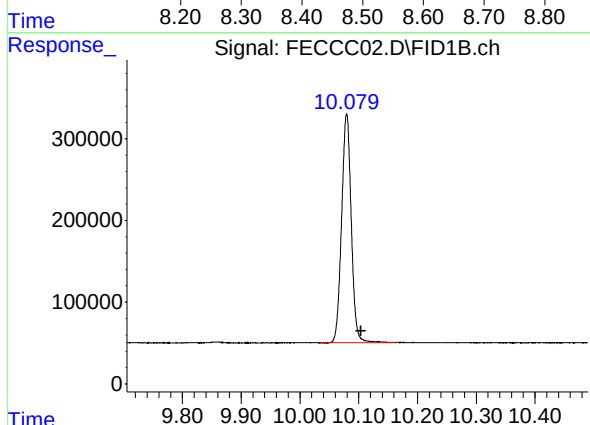
R.T.: 7.273 min
Delta R.T.: -0.025 min
Response: 3245091
Conc: 19.11 ug/ml

Instrument :
FID_E
ClientSampleId :



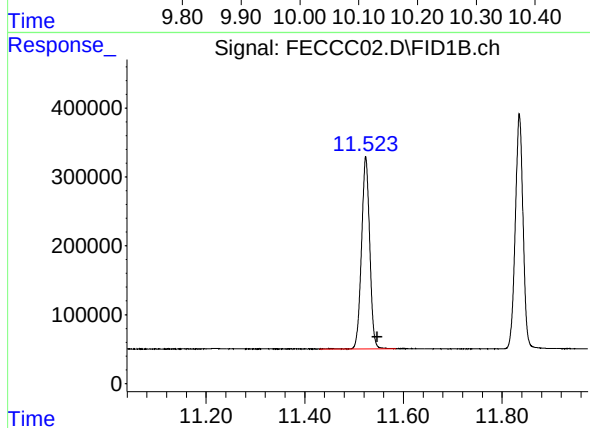
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.023 min
Response: 3132540
Conc: 19.53 ug/ml



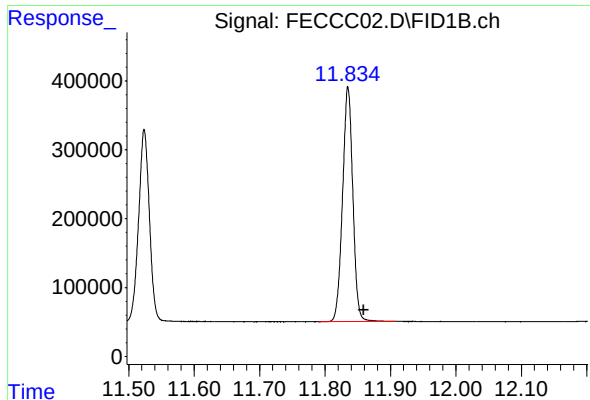
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.024 min
Response: 3198324
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

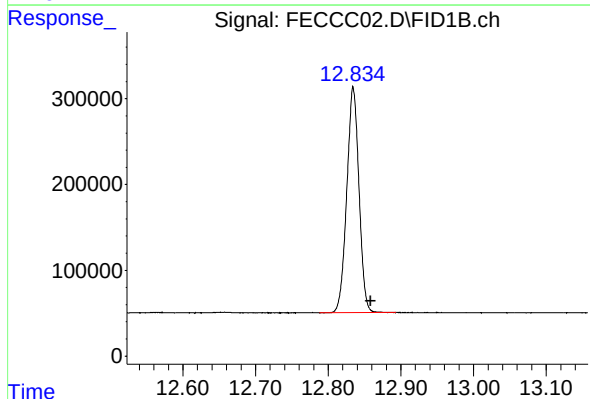
R.T.: 11.524 min
Delta R.T.: -0.024 min
Response: 3201968
Conc: 18.68 ug/ml



#9 ortho-Terphenyl (SURR)

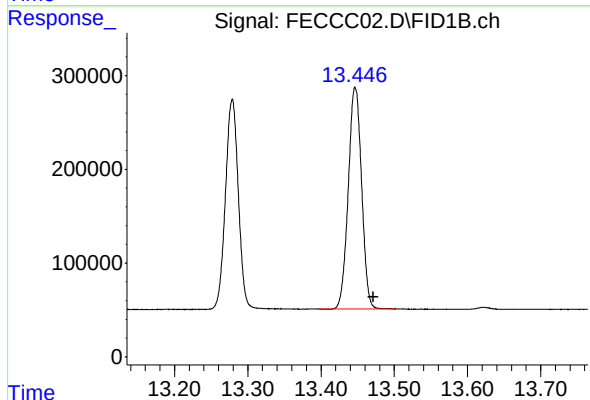
R.T.: 11.835 min
Delta R.T.: -0.024 min
Response: 3721259
Conc: 17.80 ug/ml

Instrument :
FID_E
ClientSampleId :



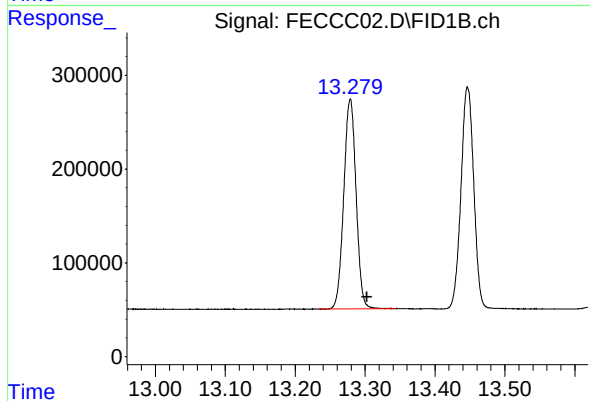
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: -0.024 min
Response: 3069833
Conc: 17.74 ug/ml



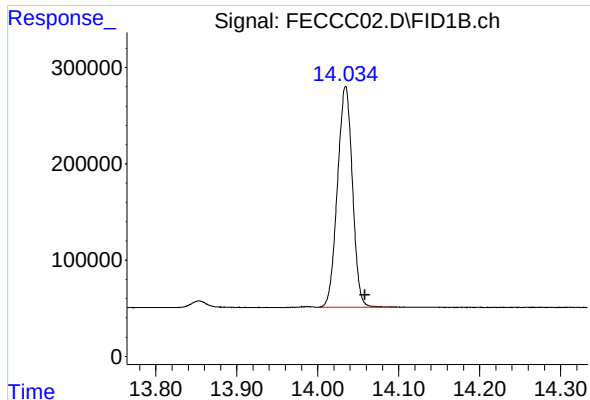
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.024 min
Response: 2992650
Conc: 17.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.279 min
Delta R.T.: -0.024 min
Response: 2741400
Conc: 17.42 ug/ml



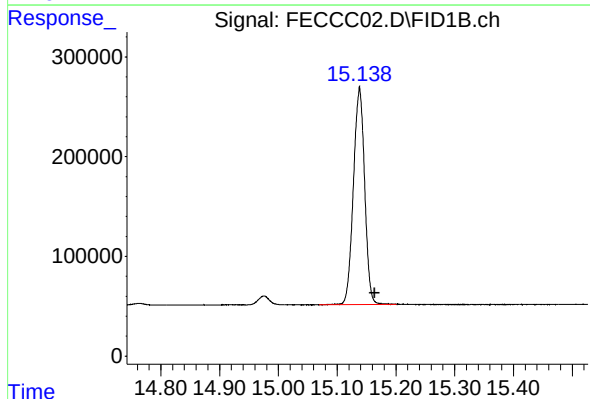
#13 n-Docosane (C22)

R.T.: 14.034 min
Delta R.T.: -0.024 min
Response: 2951199
Conc: 17.12 ug/ml

Instrument :

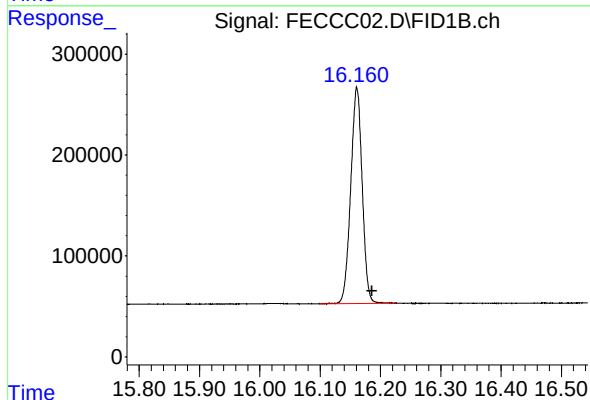
FID_E

ClientSampleId :



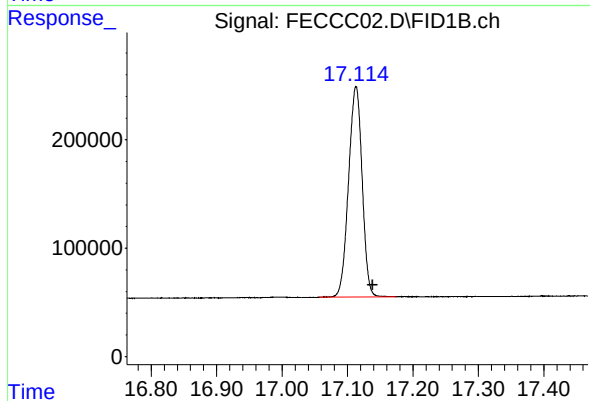
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.026 min
Response: 2890927
Conc: 16.56 ug/ml



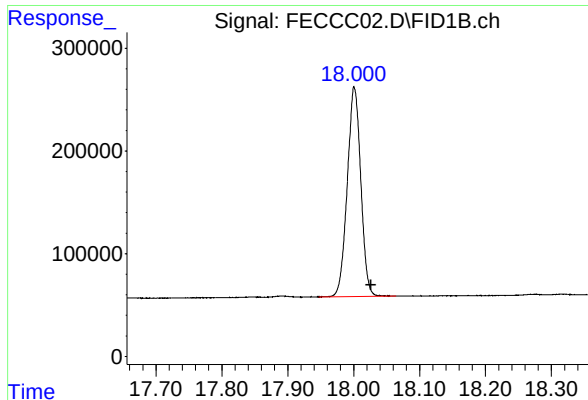
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.025 min
Response: 2827878
Conc: 16.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.025 min
Response: 2805937
Conc: 16.23 ug/ml



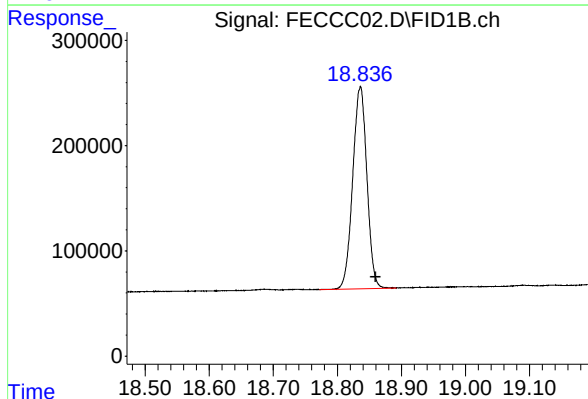
#17 n-Tricontane (C30)

R.T.: 18.001 min
Delta R.T.: -0.025 min
Response: 2910763
Conc: 16.64 ug/ml

Instrument :

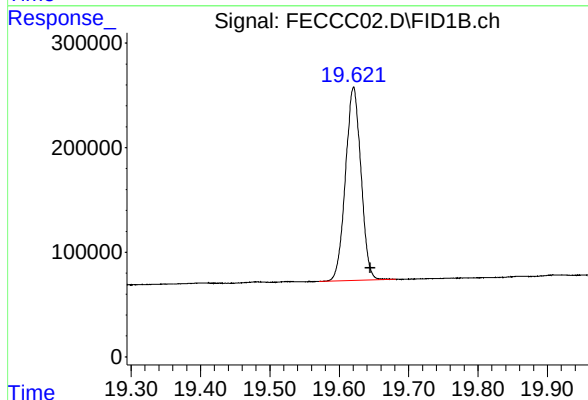
FID_E

ClientSampleId :



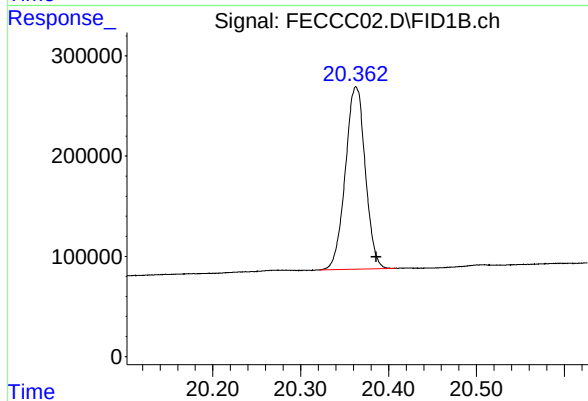
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: -0.024 min
Response: 2949992
Conc: 16.17 ug/ml



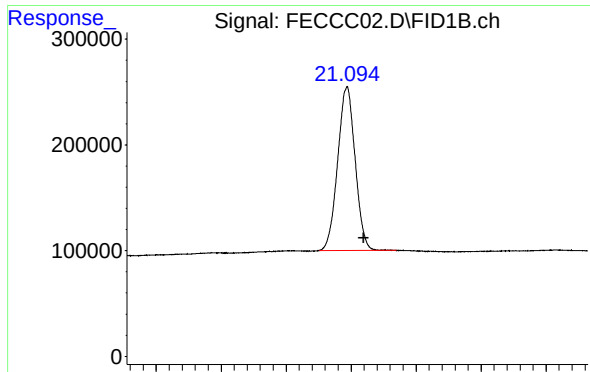
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.024 min
Response: 2868025
Conc: 17.28 ug/ml



#20 n-Hexatriacontane (C36)

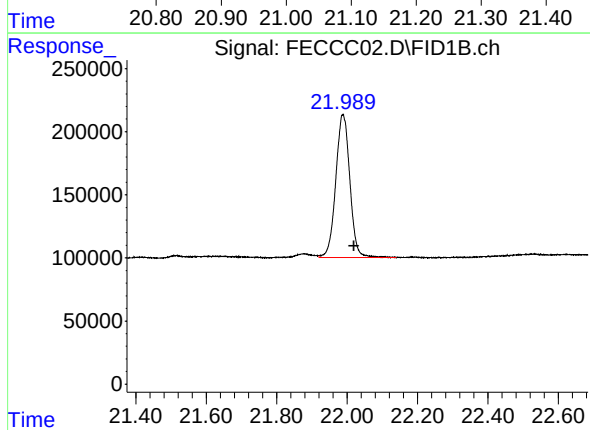
R.T.: 20.363 min
Delta R.T.: -0.023 min
Response: 2868652
Conc: 18.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.094 min
Delta R.T.: -0.025 min
Response: 2895165
Conc: 18.46 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.031 min
Response: 3162046
Conc: 22.25 ug/ml