

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041425AL\
 Data File : FECCC03.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2025 00:34
 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: Apr 15 03:25:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.899	2877229	17.664 ug/ml
Spiked Amount 50.000		Recovery =	35.33%
12) S 1-chlorooctadecane (S...	13.344	2176006	18.127 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
Target Compounds			
1) T n-Nonane (C9)	3.236	2650923	17.120 ug/ml
2) T n-Decane (C10)	4.498	2847636	18.154 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2968616	17.671 ug/ml
4) T n-Dodecane (C12)	6.680	2863435	18.309 ug/ml
5) T A~2-methylnaphthalene...	7.318	2852975	17.880 ug/ml
6) T n-Tetradecane (C14)	8.518	2812738	18.370 ug/ml
7) T n-Hexadecane (C16)	10.133	2844362	18.452 ug/ml
8) T n-Octadecane (C18)	11.583	2781145	18.337 ug/ml
10) T n-Eicosane (C20)	12.898	2633047	18.468 ug/ml
11) T n-Heneicosane (C21)	13.512	2539276	18.298 ug/ml
13) T n-Docosane (C22)	14.101	2638819	19.268 ug/ml
14) T n-Tetracosane (C24)	15.208	2865428	21.216 ug/ml
15) T n-Hexacosane (C26)	16.232	3058110	22.923 ug/ml
16) T n-Octacosane (C28)	17.186	3255741	24.671 ug/ml
17) T n-Tricontane (C30)	18.076	3493647	25.776 ug/ml
18) T n-Dotriacontane (C32)	18.912	3552283	26.399 ug/ml
19) T n-Tetratriacontane (C34)	19.697	2879596	22.254 ug/ml
20) T n-Hexatriacontane (C36)	20.439	2433984	20.490 ug/ml
21) T n-Octatriacontane (C38)	21.180	1986200	17.281 ug/ml
22) T n-Tetracontane (C40)	22.101	2773154	24.691 ug/ml

(f)=RT Delta > 1/2 Window

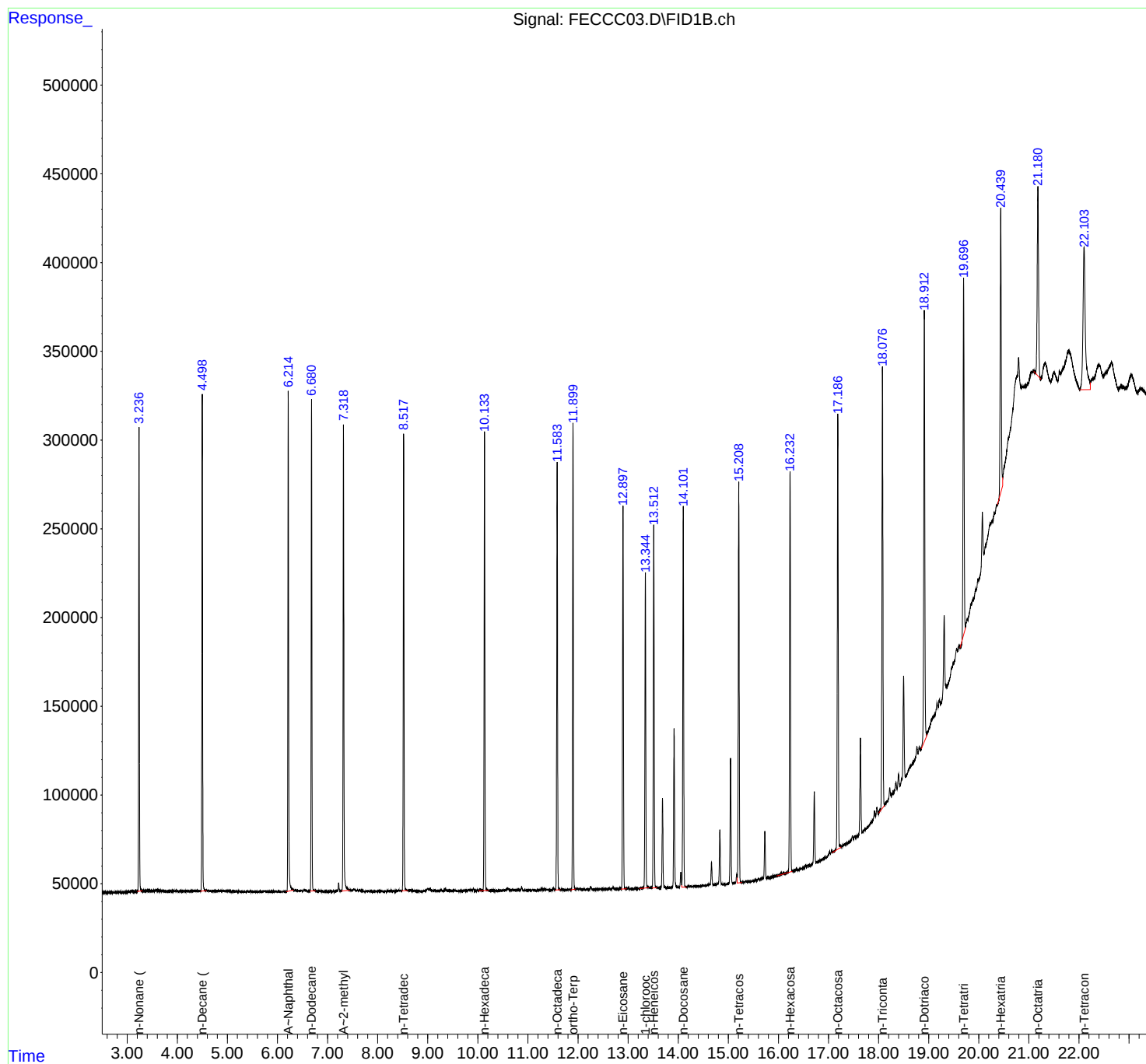
(m)=manual int.

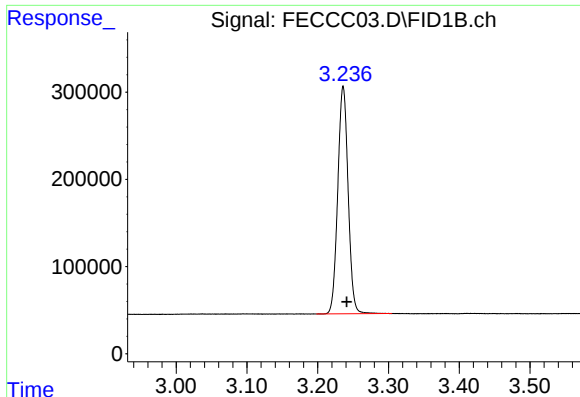
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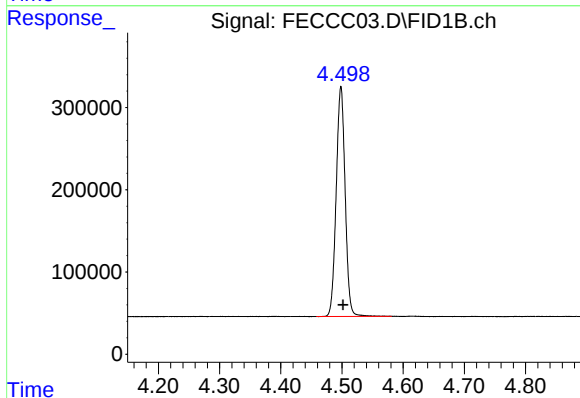




#1 n-Nonane (C9)

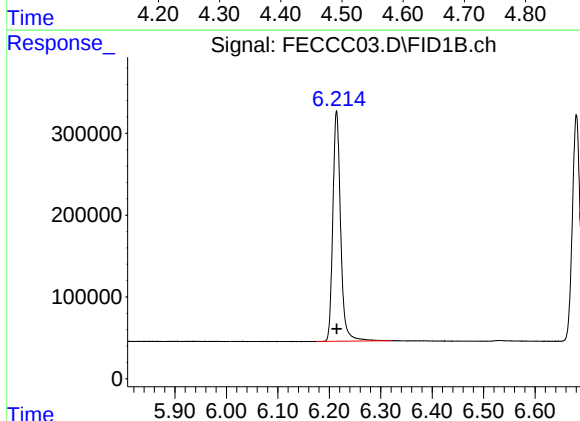
R.T.: 3.236 min
Delta R.T.: -0.005 min
Response: 2650923
Conc: 17.12 ug/ml

Instrument :
FID_E
ClientSampleId :



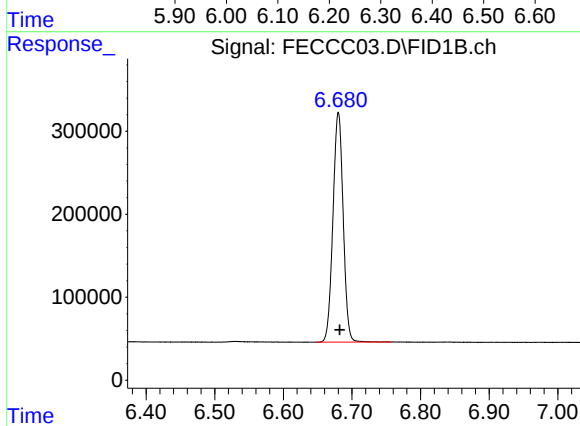
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.004 min
Response: 2847636
Conc: 18.15 ug/ml



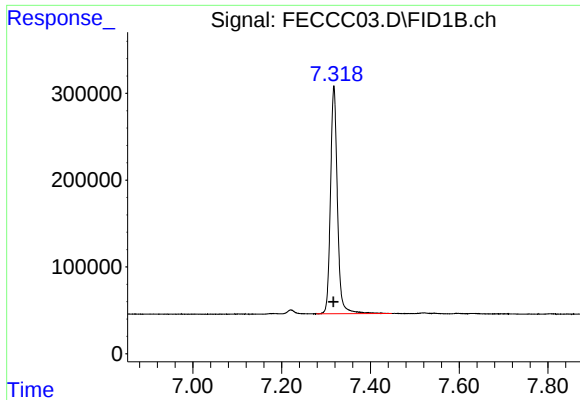
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 2968616
Conc: 17.67 ug/ml



#4 n-Dodecane (C12)

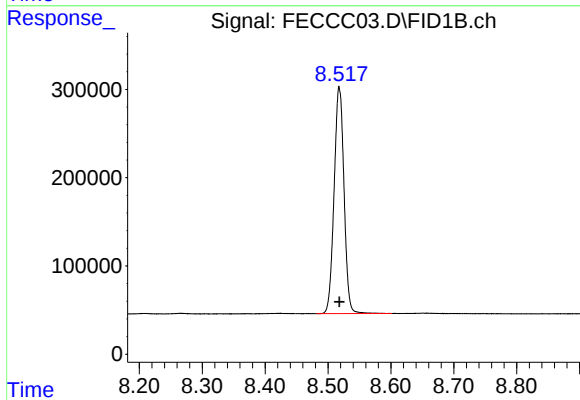
R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 2863435
Conc: 18.31 ug/ml



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

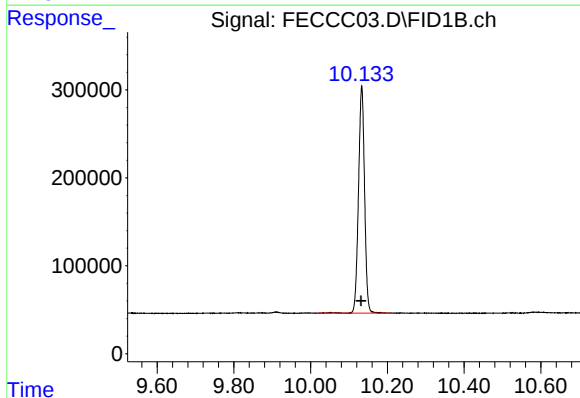
R.T.: 7.318 min
Delta R.T.: 0.002 min
Response: 2852975
Conc: 17.88 ug/ml

Instrument :
FID_E
ClientSampleId :



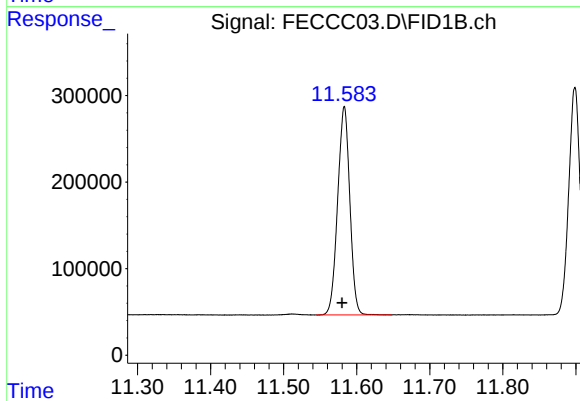
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 2812738
Conc: 18.37 ug/ml



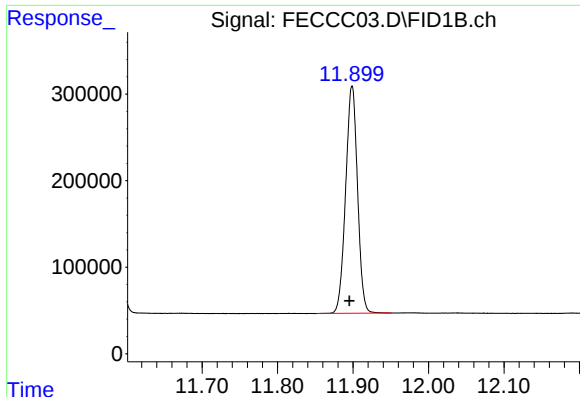
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: 0.001 min
Response: 2844362
Conc: 18.45 ug/ml



#8 n-Octadecane (C18)

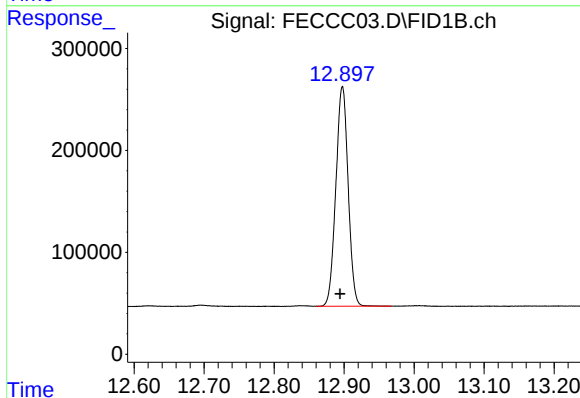
R.T.: 11.583 min
Delta R.T.: 0.003 min
Response: 2781145
Conc: 18.34 ug/ml



#9 ortho-Terphenyl (SURR)

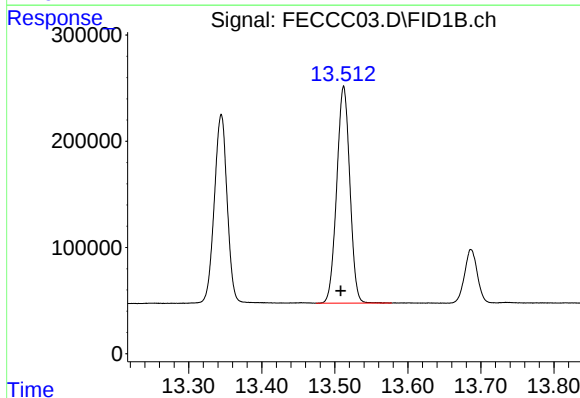
R.T.: 11.899 min
Delta R.T.: 0.004 min
Response: 2877229
Conc: 17.66 ug/ml

Instrument :
FID_E
ClientSampleId :



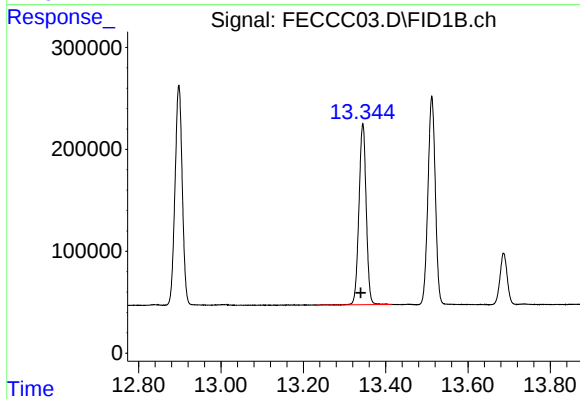
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: 0.003 min
Response: 2633047
Conc: 18.47 ug/ml



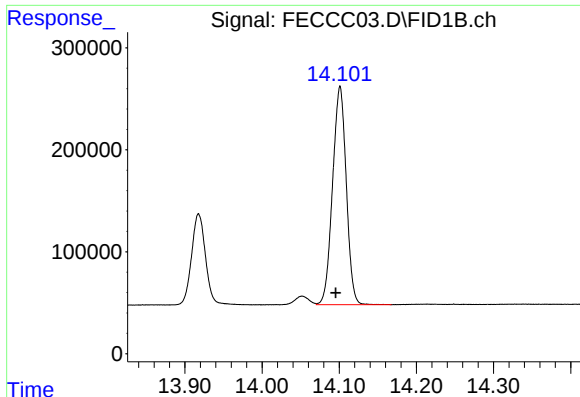
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: 0.004 min
Response: 2539276
Conc: 18.30 ug/ml



#12 1-chlorooctadecane (SURR)

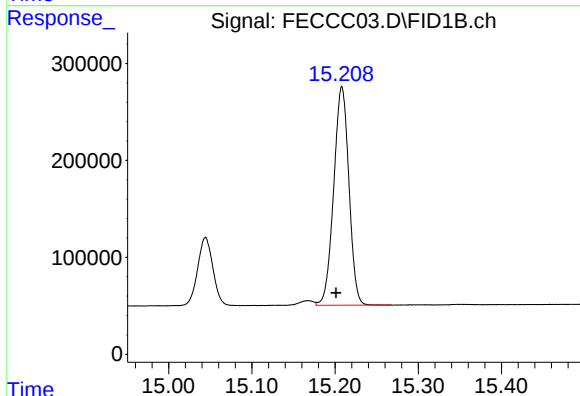
R.T.: 13.344 min
Delta R.T.: 0.005 min
Response: 2176006
Conc: 18.13 ug/ml



#13 n-Docosane (C22)

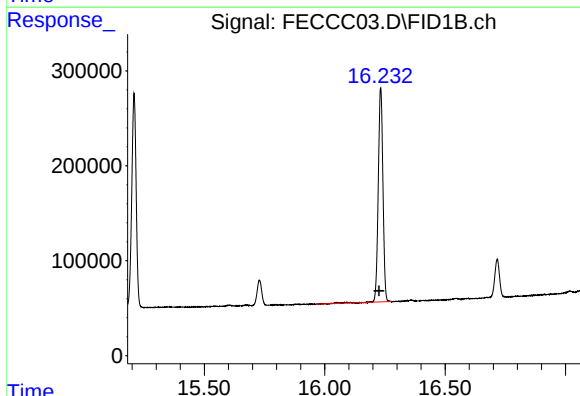
R.T.: 14.101 min
Delta R.T.: 0.005 min
Response: 2638819
Conc: 19.27 ug/ml

Instrument :
FID_E
ClientSampleId :



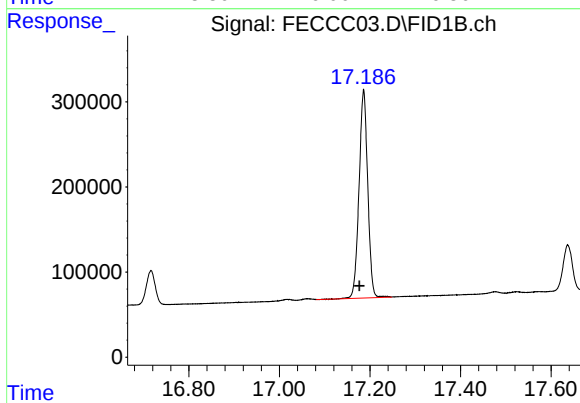
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: 0.007 min
Response: 2865428
Conc: 21.22 ug/ml



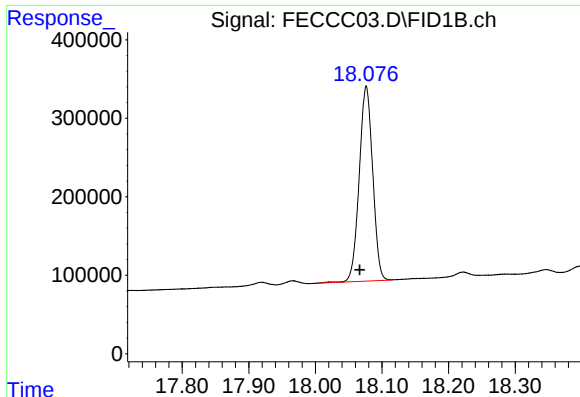
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.007 min
Response: 3058110
Conc: 22.92 ug/ml



#16 n-Octacosane (C28)

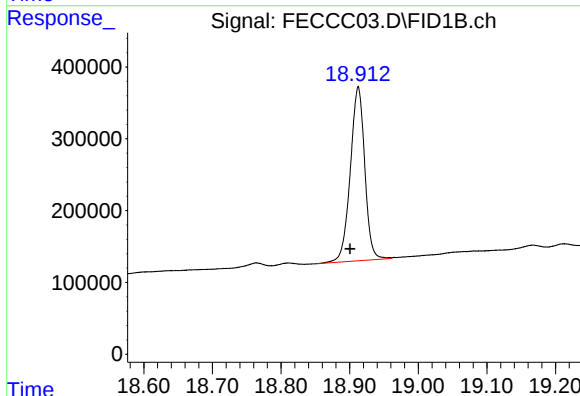
R.T.: 17.186 min
Delta R.T.: 0.009 min
Response: 3255741
Conc: 24.67 ug/ml



#17 n-Tricontane (C30)

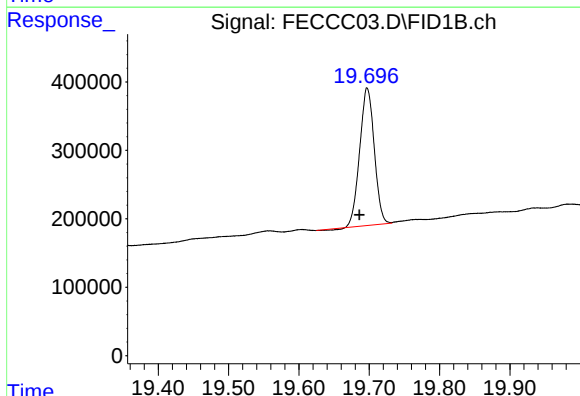
R.T.: 18.076 min
Delta R.T.: 0.010 min
Response: 3493647
Conc: 25.78 ug/ml

Instrument :
FID_E
ClientSampleId :



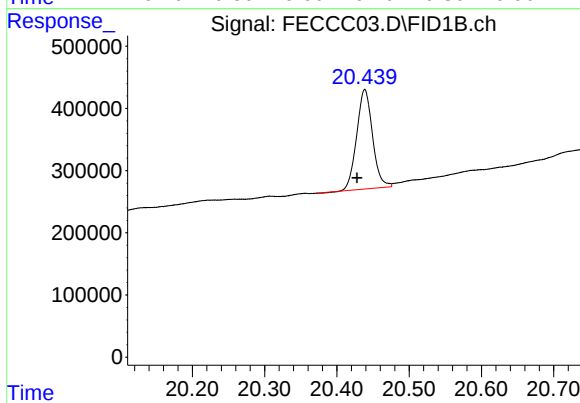
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: 0.012 min
Response: 3552283
Conc: 26.40 ug/ml



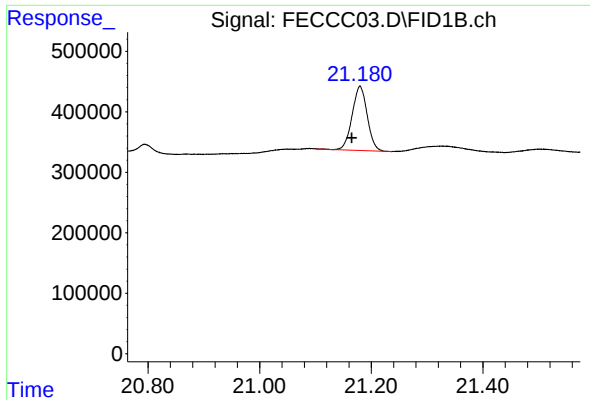
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: 0.011 min
Response: 2879596
Conc: 22.25 ug/ml



#20 n-Hexatriacontane (C36)

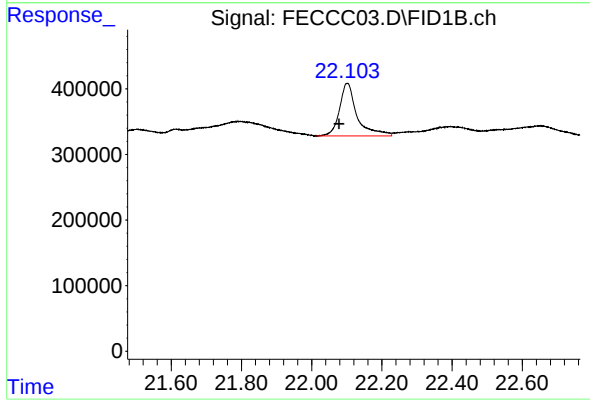
R.T.: 20.439 min
Delta R.T.: 0.011 min
Response: 2433984
Conc: 20.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: 0.015 min
Response: 1986200
Conc: 17.28 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: 0.023 min
Response: 2773154
Conc: 24.69 ug/ml