

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041425AL\
 Data File : FECCC02.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2025 00:04
 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: Apr 15 03:09:54 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	2888585	17.734 ug/ml
Spiked Amount 50.000		Recovery =	35.47%
12) S 1-chlorooctadecane (S...	13.345	2185334	18.204 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
Target Compounds			
1) T n-Nonane (C9)	3.236	2644290	17.078 ug/ml
2) T n-Decane (C10)	4.498	2833987	18.067 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2968488	17.671 ug/ml
4) T n-Dodecane (C12)	6.681	2855304	18.257 ug/ml
5) T A~2-methylnaphthalene...	7.319	2843722	17.822 ug/ml
6) T n-Tetradecane (C14)	8.519	2816856	18.397 ug/ml
7) T n-Hexadecane (C16)	10.134	2846868	18.469 ug/ml
8) T n-Octadecane (C18)	11.584	2789620	18.393 ug/ml
10) T n-Eicosane (C20)	12.898	2641406	18.526 ug/ml
11) T n-Heneicosane (C21)	13.513	2553645	18.402 ug/ml
13) T n-Docosane (C22)	14.102	2653560	19.375 ug/ml
14) T n-Tetracosane (C24)	15.210	2875573	21.291 ug/ml
15) T n-Hexacosane (C26)	16.234	3059913	22.937 ug/ml
16) T n-Octacosane (C28)	17.187	3288030	24.915 ug/ml
17) T n-Tricontane (C30)	18.078	3537896	26.102 ug/ml
18) T n-Dotriacontane (C32)	18.912	3578711	26.595 ug/ml
19) T n-Tetratriacontane (C34)	19.698	2903049	22.435 ug/ml
20) T n-Hexatriacontane (C36)	20.440	2538398	21.369 ug/ml
21) T n-Octatriacontane (C38)	21.181	1961394	17.065 ug/ml
22) T n-Tetracontane (C40)	22.101	3258166	29.010 ug/ml

(f)=RT Delta > 1/2 Window

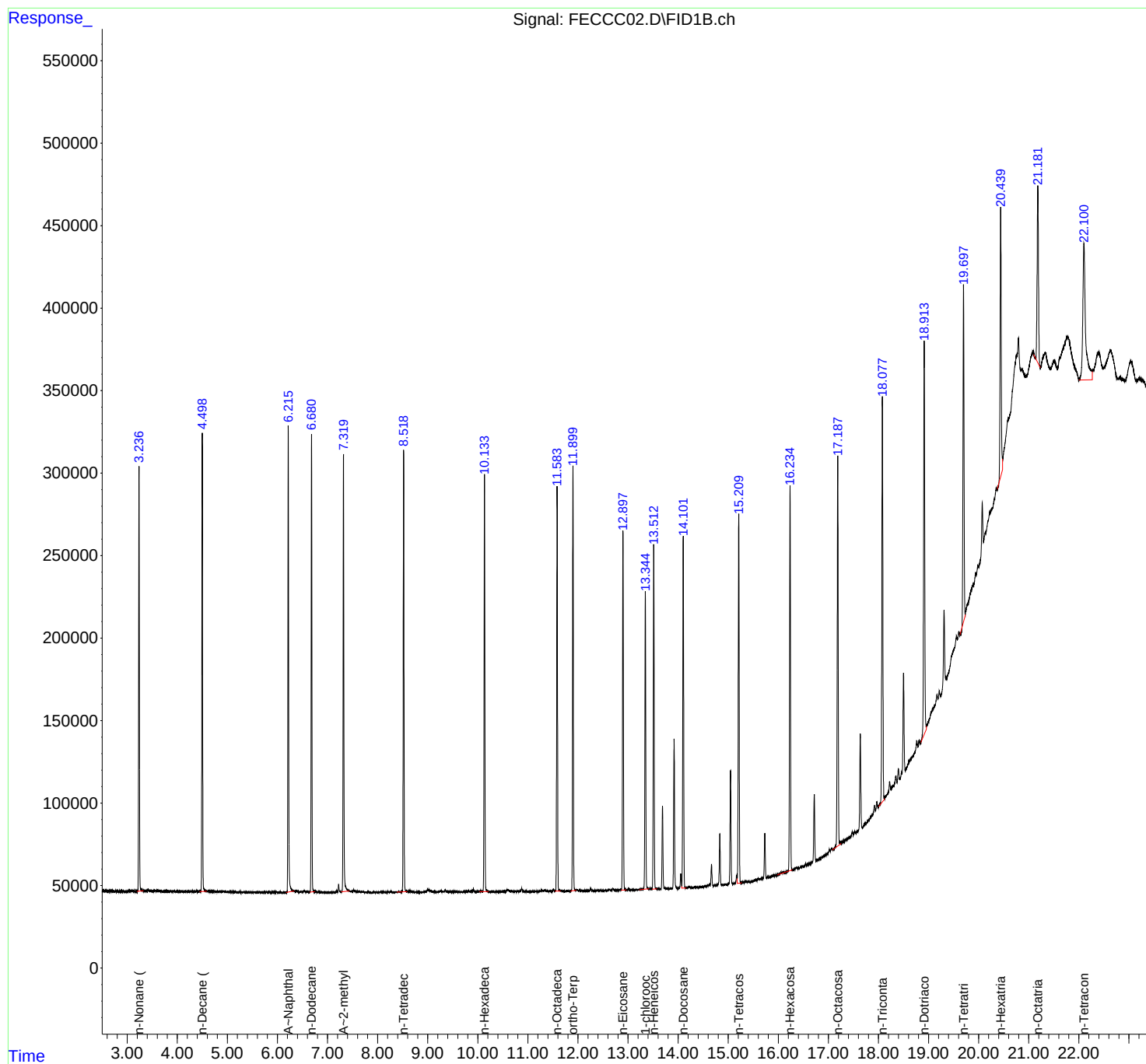
(m)=manual int.

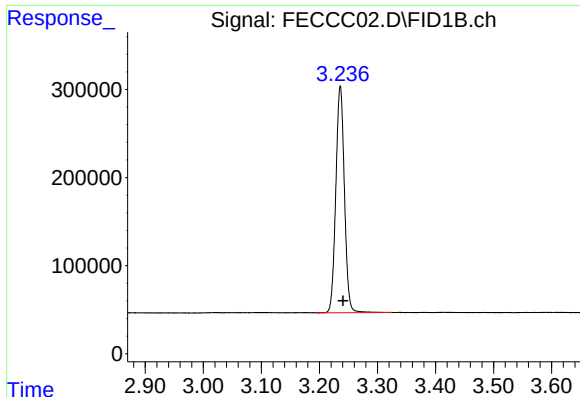
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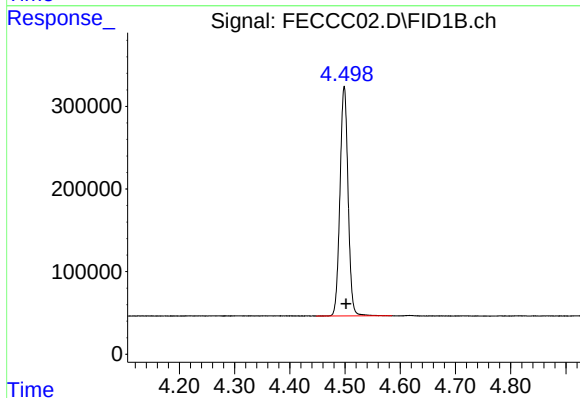




#1 n-Nonane (C9)

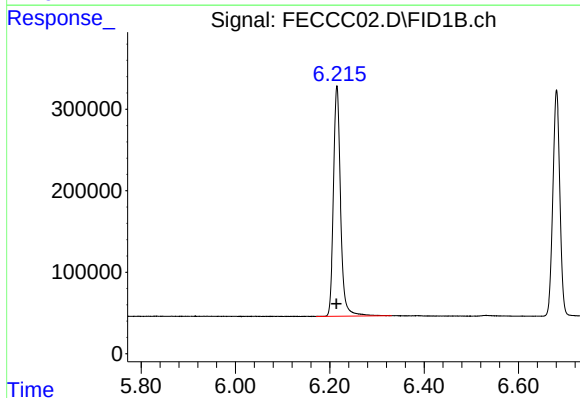
R.T.: 3.236 min
Delta R.T.: -0.005 min
Response: 2644290
Conc: 17.08 ug/ml

Instrument :
FID_E
ClientSampleId :



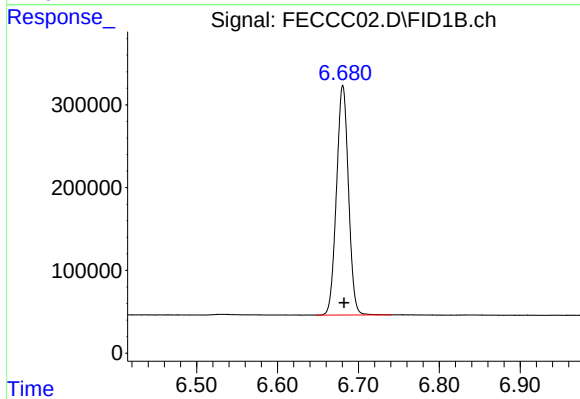
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.003 min
Response: 2833987
Conc: 18.07 ug/ml



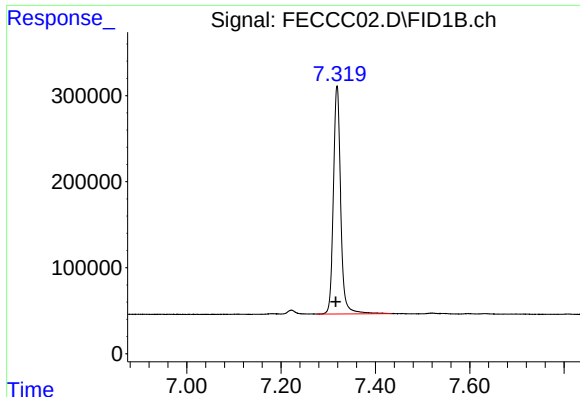
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 2968488
Conc: 17.67 ug/ml



#4 n-Dodecane (C12)

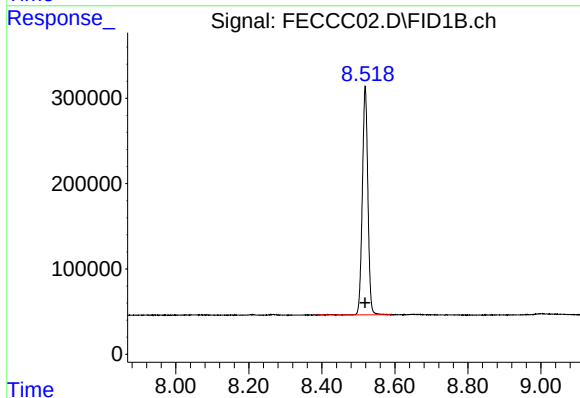
R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 2855304
Conc: 18.26 ug/ml



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

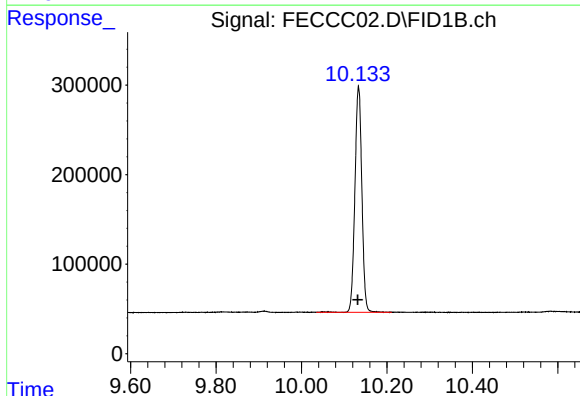
R.T.: 7.319 min
Delta R.T.: 0.003 min
Response: 2843722
Conc: 17.82 ug/ml

Instrument :
FID_E
ClientSampleId :



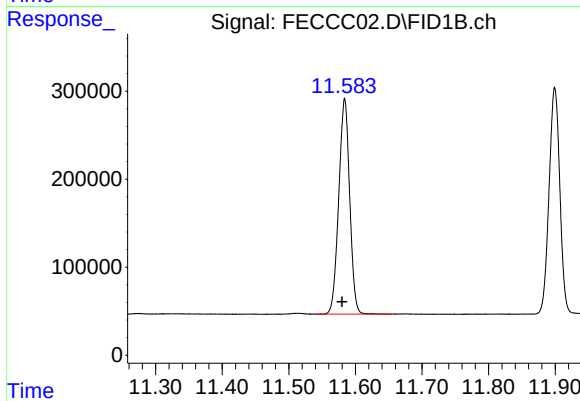
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 2816856
Conc: 18.40 ug/ml



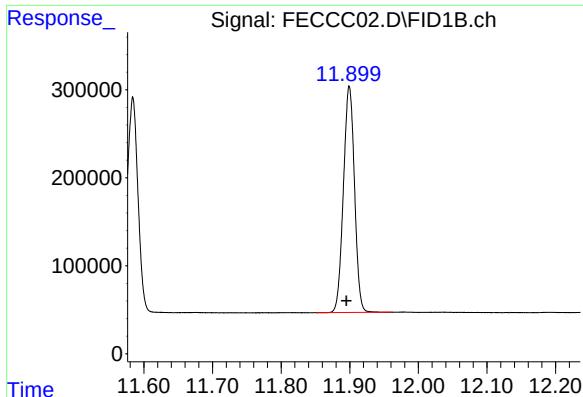
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: 0.002 min
Response: 2846868
Conc: 18.47 ug/ml



#8 n-Octadecane (C18)

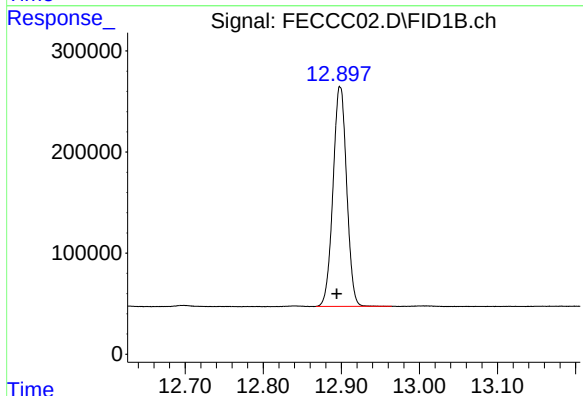
R.T.: 11.584 min
Delta R.T.: 0.004 min
Response: 2789620
Conc: 18.39 ug/ml



#9 ortho-Terphenyl (SURR)

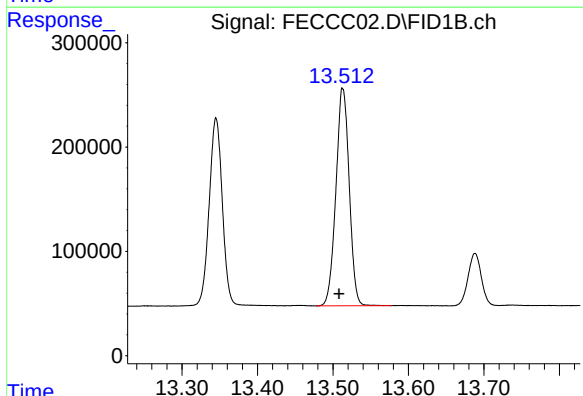
R.T.: 11.899 min
Delta R.T.: 0.004 min
Response: 2888585
Conc: 17.73 ug/ml

Instrument :
FID_E
ClientSampleId :



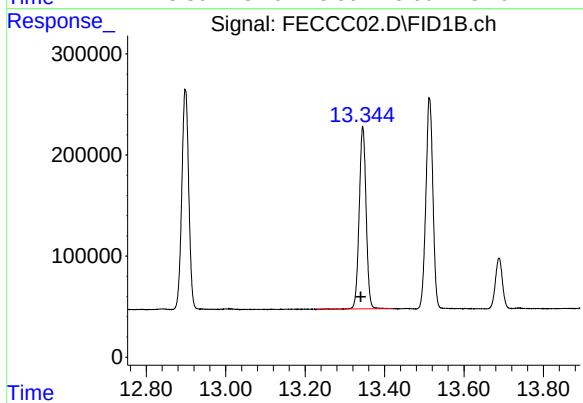
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: 0.004 min
Response: 2641406
Conc: 18.53 ug/ml



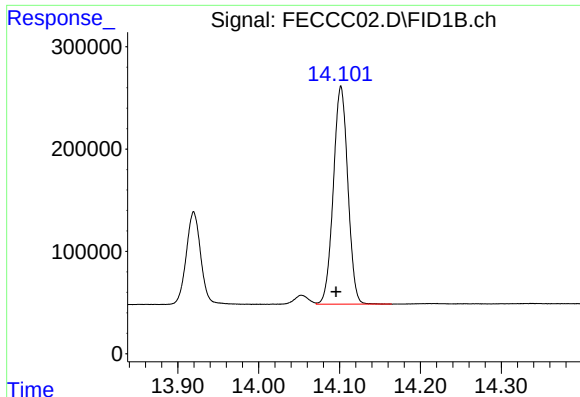
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: 0.005 min
Response: 2553645
Conc: 18.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.345 min
Delta R.T.: 0.005 min
Response: 2185334
Conc: 18.20 ug/ml



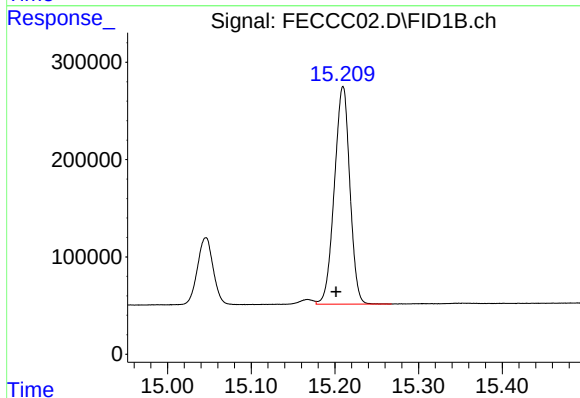
#13 n-Docosane (C22)

R.T.: 14.102 min
Delta R.T.: 0.006 min
Response: 2653560
Conc: 19.38 ug/ml

Instrument :

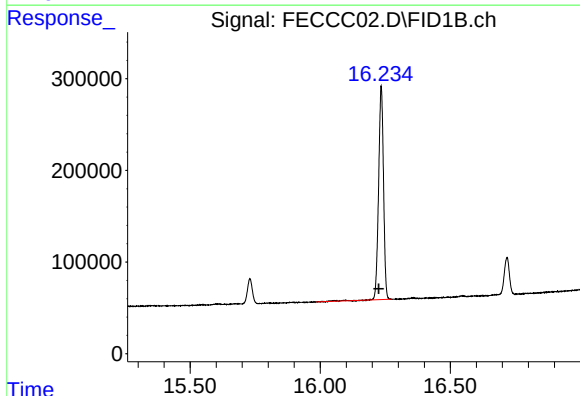
FID_E

ClientSampleId :



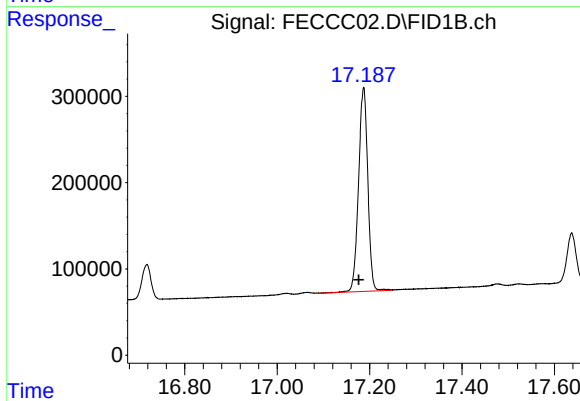
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: 0.008 min
Response: 2875573
Conc: 21.29 ug/ml



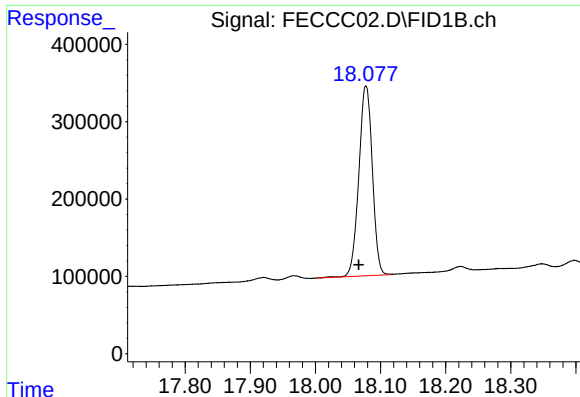
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: 0.009 min
Response: 3059913
Conc: 22.94 ug/ml



#16 n-Octacosane (C28)

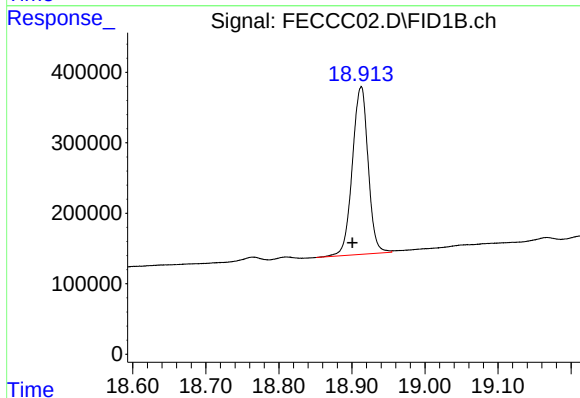
R.T.: 17.187 min
Delta R.T.: 0.010 min
Response: 3288030
Conc: 24.92 ug/ml



#17 n-Tricontane (C30)

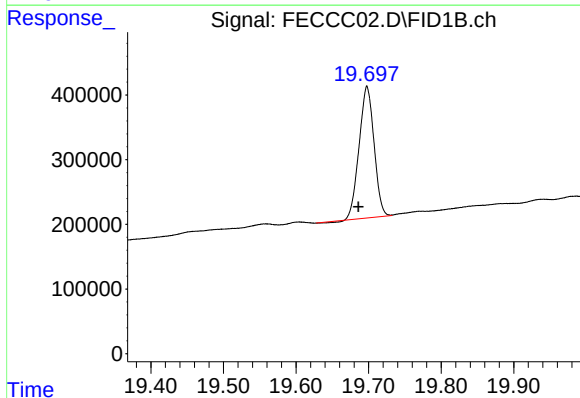
R.T.: 18.078 min
Delta R.T.: 0.011 min
Response: 3537896
Conc: 26.10 ug/ml

Instrument :
FID_E
ClientSampleId :



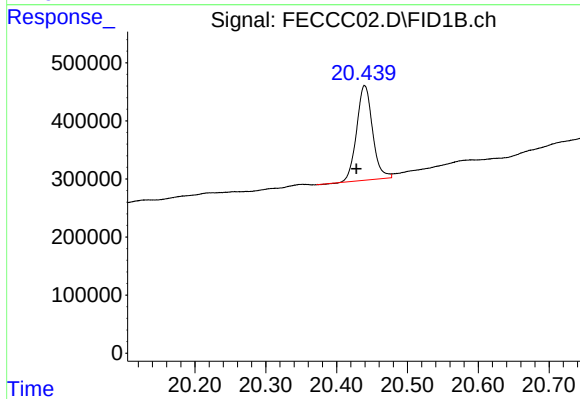
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: 0.012 min
Response: 3578711
Conc: 26.60 ug/ml



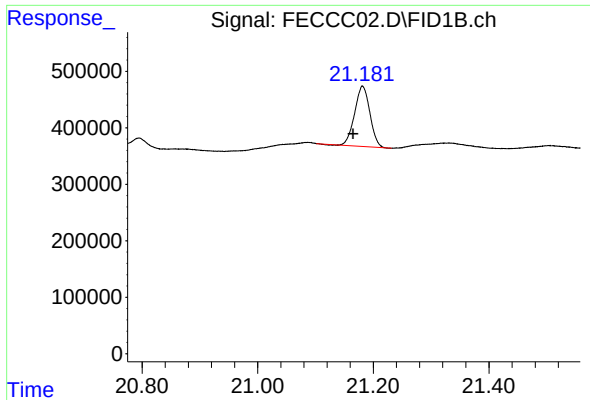
#19 n-Tetratriacontane (C34)

R.T.: 19.698 min
Delta R.T.: 0.012 min
Response: 2903049
Conc: 22.44 ug/ml



#20 n-Hexatriacontane (C36)

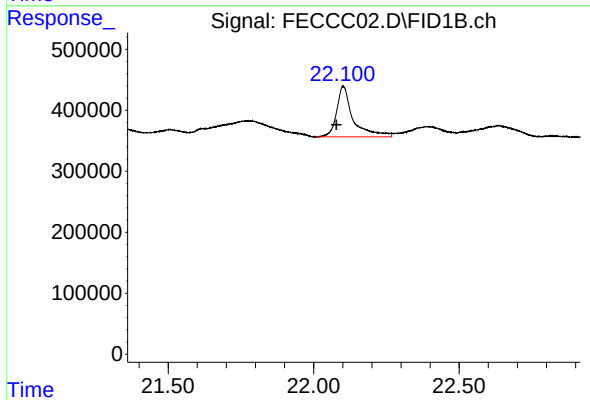
R.T.: 20.440 min
Delta R.T.: 0.012 min
Response: 2538398
Conc: 21.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: 0.016 min
Response: 1961394
Conc: 17.07 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: 0.023 min
Response: 3258166
Conc: 29.01 ug/ml