

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111124AL\
 Data File : FE051161.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2024 22:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 11 23:58:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 2024
 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)	11.852	3150867	20.992 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
12) S 1-chlorooctadecane (S...	13.285	2395870	21.103 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
Target Compounds			
1) T n-Nonane (C9)	3.238	3099157	22.398 ug/ml
2) T n-Decane (C10)	4.489	3190262	22.759 ug/ml
3) T A~Naphthalene (C11.7)	6.202	2991516	22.689 ug/ml
4) T n-Dodecane (C12)	6.657	3186738	22.569 ug/ml
5) T A~2-methylnaphthalene...	7.298	2767833	22.126 ug/ml
6) T n-Tetradecane (C14)	8.484	3077229	22.081 ug/ml
7) T n-Hexadecane (C16)	10.090	3081934	21.718 ug/ml
8) T n-Octadecane (C18)	11.531	3053979	21.386 ug/ml
10) T n-Eicosane (C20)	12.838	2892667	21.137 ug/ml
11) T n-Heneicosane (C21)	13.450	2824095	21.131 ug/ml
13) T n-Docosane (C22)	14.035	2805832	21.104 ug/ml
14) T n-Tetracosane (C24)	15.137	2825772	21.301 ug/ml
15) T n-Hexacosane (C26)	16.157	2865942	21.409 ug/ml
16) T n-Octacosane (C28)	17.106	2932416	21.510 ug/ml
17) T n-Tricontane (C30)	17.993	3073540	21.155 ug/ml
18) T n-Dotriacontane (C32)	18.824	3087140	20.791 ug/ml
19) T n-Tetratriacontane (C34)	19.606	2752599	20.486 ug/ml
20) T n-Hexatriacontane (C36)	20.346	2436906	20.424 ug/ml
21) T n-Octatriacontane (C38)	21.070	2079110	18.267 ug/ml
22) T n-Tetracontane (C40)	21.952	1803178	16.213 ug/ml

(f)=RT Delta > 1/2 Window

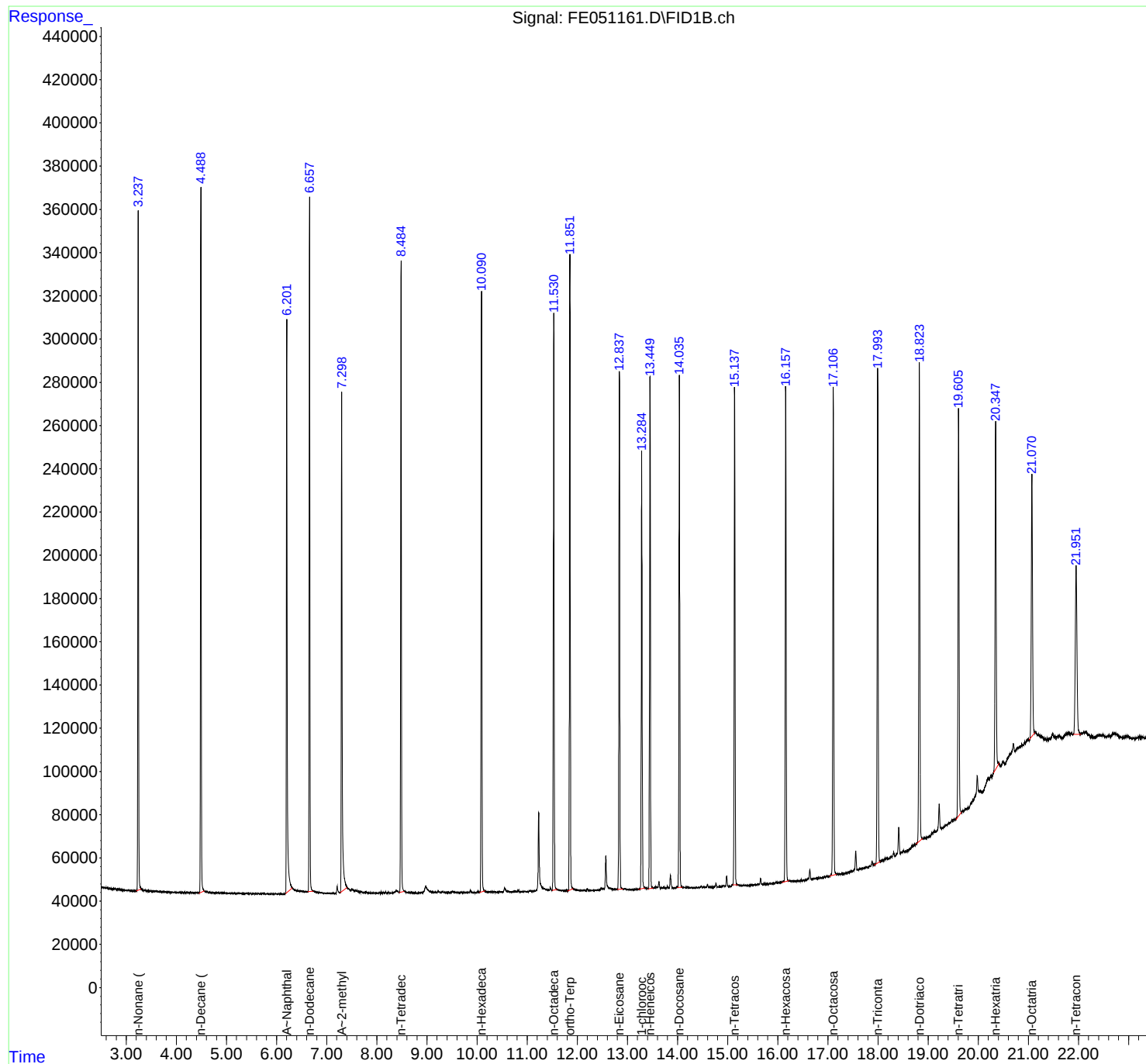
(m)=manual int.

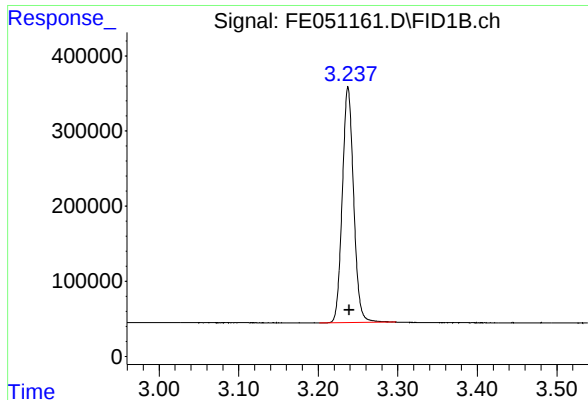
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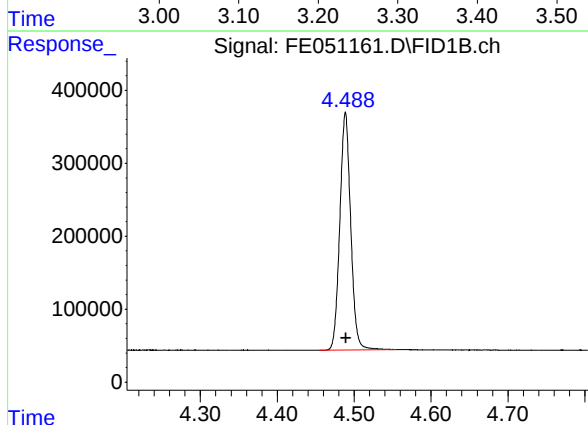




#1 n-Nonane (C9)

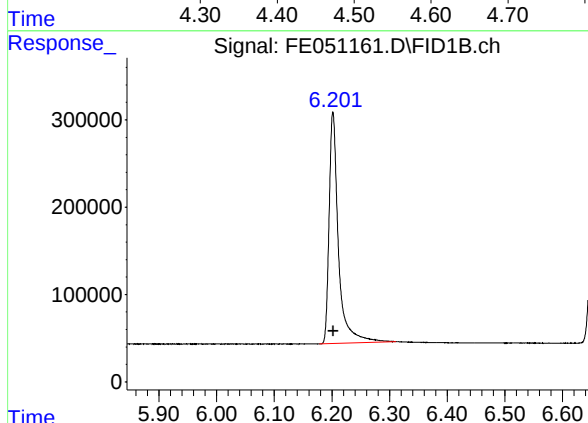
R.T.: 3.238 min
Delta R.T.: -0.001 min
Response: 3099157
Conc: 22.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



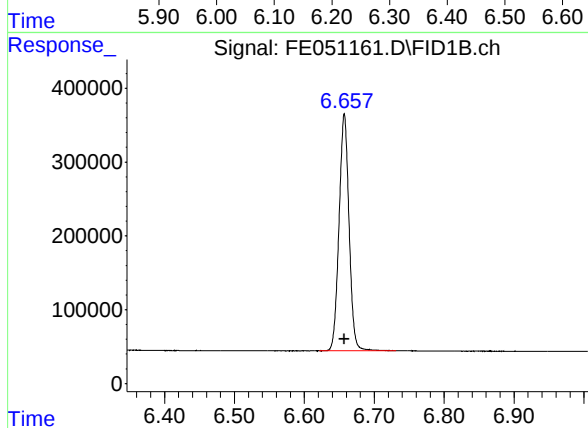
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 3190262
Conc: 22.76 ug/ml



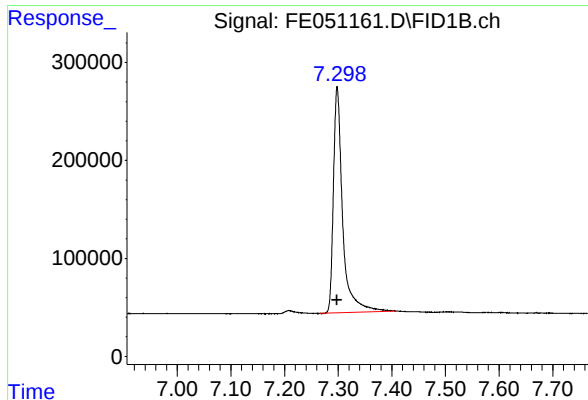
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 2991516
Conc: 22.69 ug/ml



#4 n-Dodecane (C12)

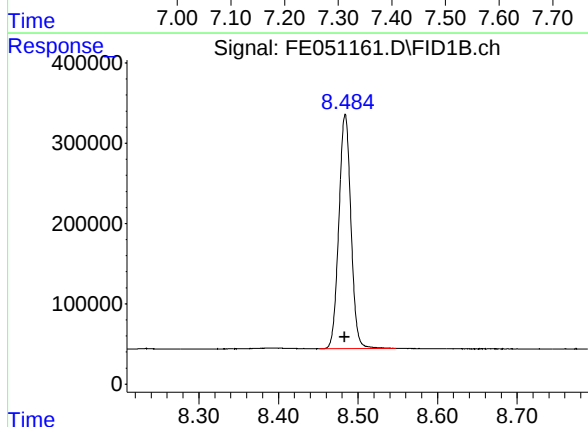
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 3186738
Conc: 22.57 ug/ml



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

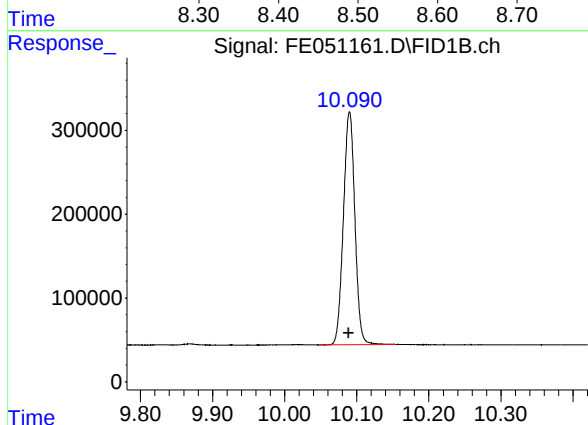
R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 2767833
Conc: 22.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



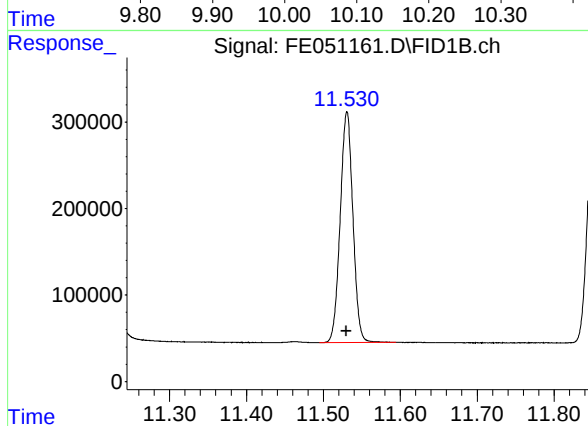
#6 n-Tetradecane (C14)

R.T.: 8.484 min
Delta R.T.: 0.000 min
Response: 3077229
Conc: 22.08 ug/ml



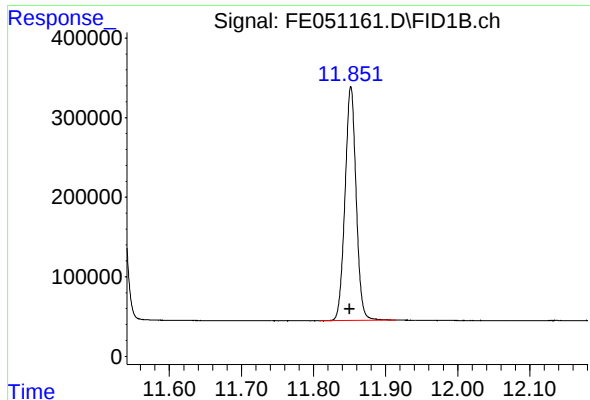
#7 n-Hexadecane (C16)

R.T.: 10.090 min
Delta R.T.: 0.001 min
Response: 3081934
Conc: 21.72 ug/ml



#8 n-Octadecane (C18)

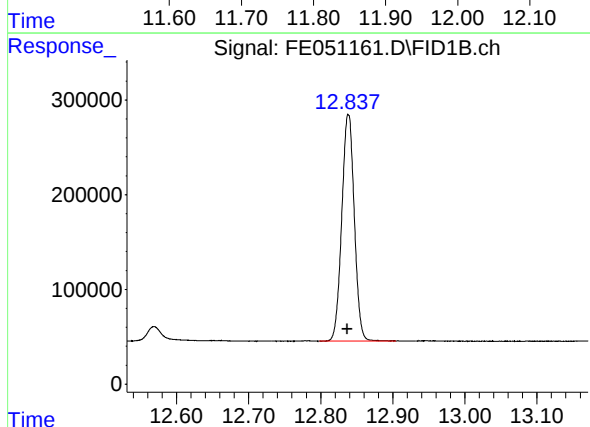
R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 3053979
Conc: 21.39 ug/ml



#9 ortho-Terphenyl (SURR)

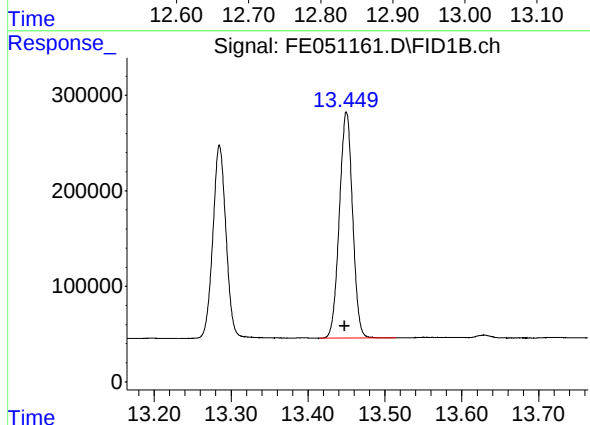
R.T.: 11.852 min
Delta R.T.: 0.001 min
Response: 3150867
Conc: 20.99 ug/ml

Instrument :
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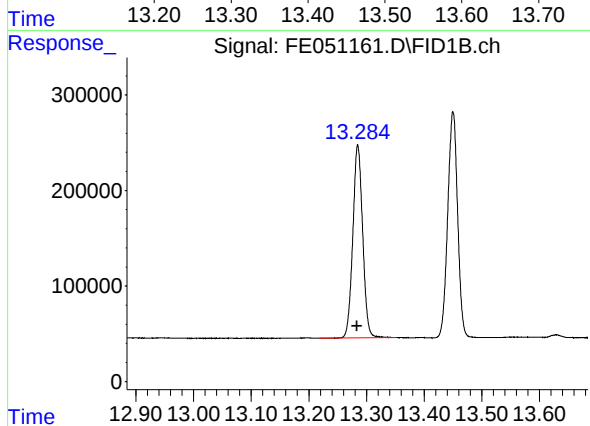
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: 0.001 min
Response: 2892667
Conc: 21.14 ug/ml



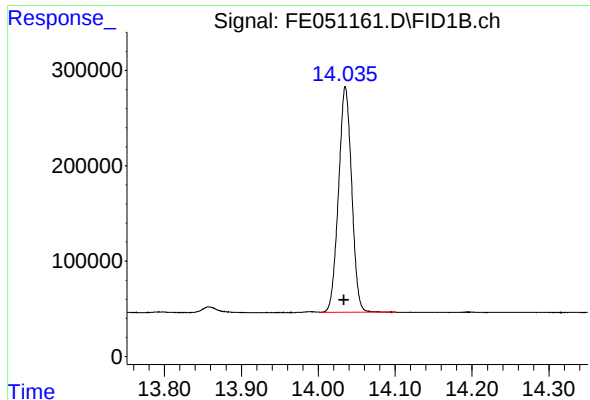
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: 0.002 min
Response: 2824095
Conc: 21.13 ug/ml



#12 1-chlorooctadecane (SURR)

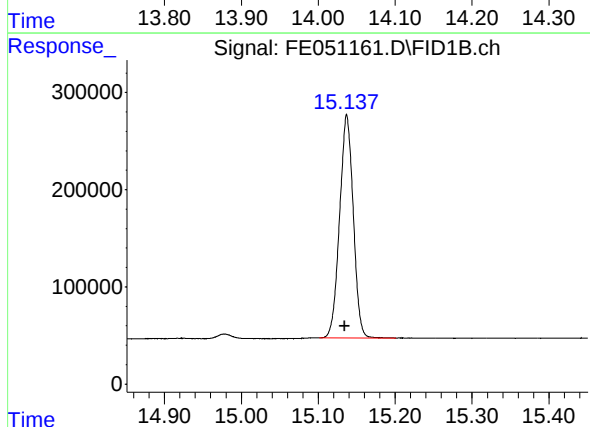
R.T.: 13.285 min
Delta R.T.: 0.002 min
Response: 2395870
Conc: 21.10 ug/ml



#13 n-Docosane (C22)

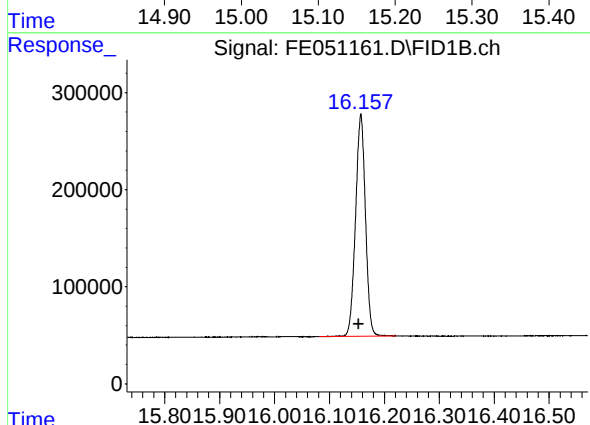
R.T.: 14.035 min
Delta R.T.: 0.002 min
Response: 2805832
Conc: 21.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



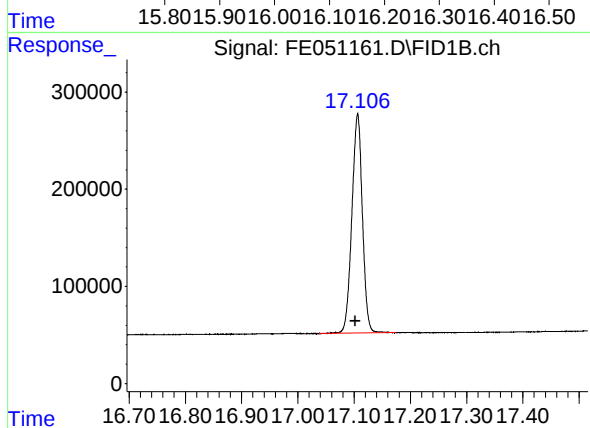
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: 0.003 min
Response: 2825772
Conc: 21.30 ug/ml



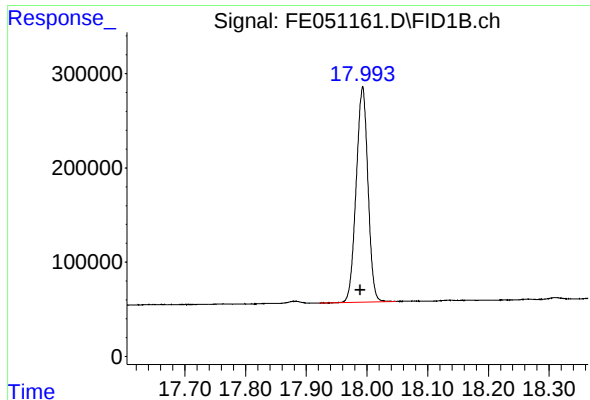
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: 0.003 min
Response: 2865942
Conc: 21.41 ug/ml



#16 n-Octacosane (C28)

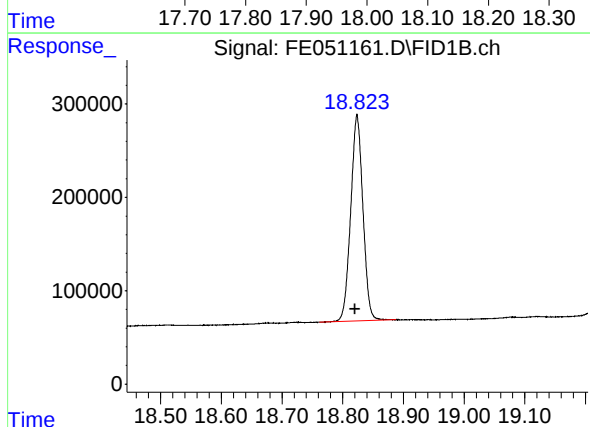
R.T.: 17.106 min
Delta R.T.: 0.004 min
Response: 2932416
Conc: 21.51 ug/ml



#17 n-Tricontane (C30)

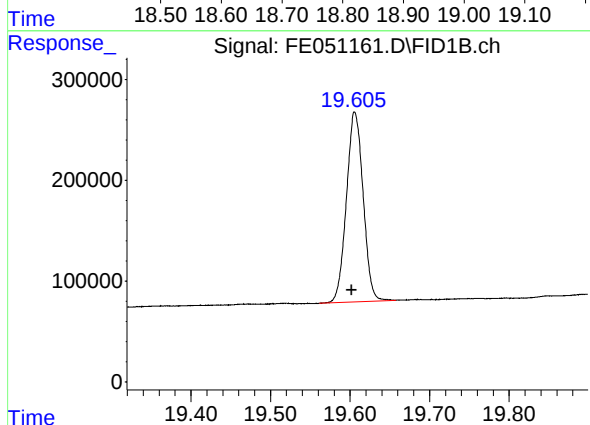
R.T.: 17.993 min
Delta R.T.: 0.004 min
Response: 3073540
Conc: 21.15 ug/ml

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20 PPM ALIPHATIC HC STD



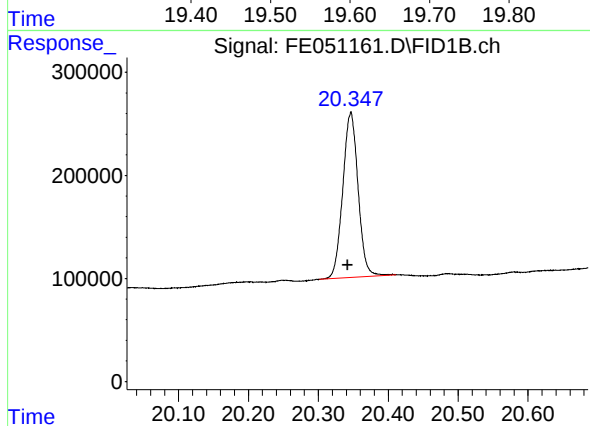
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: 0.004 min
Response: 3087140
Conc: 20.79 ug/ml



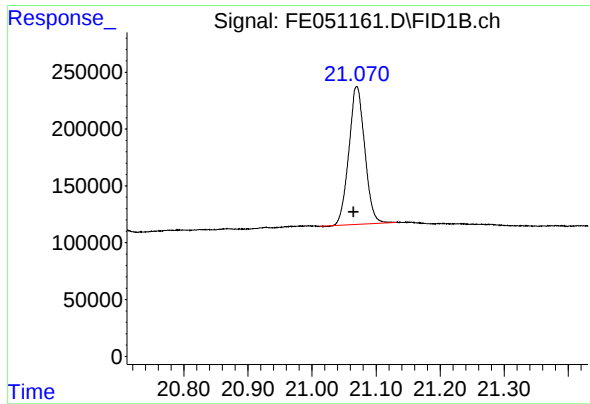
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: 0.004 min
Response: 2752599
Conc: 20.49 ug/ml



#20 n-Hexatriacontane (C36)

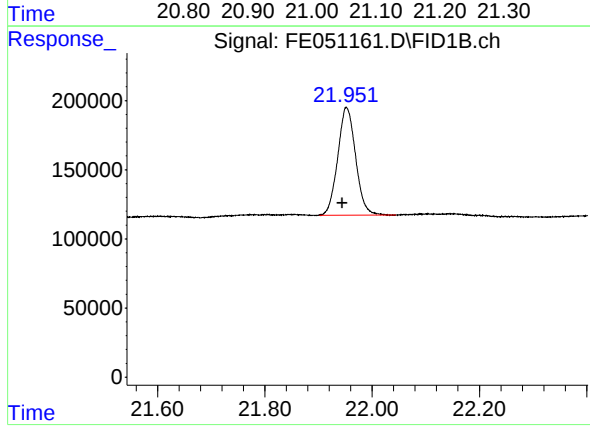
R.T.: 20.346 min
Delta R.T.: 0.005 min
Response: 2436906
Conc: 20.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: 0.005 min
Response: 2079110
Conc: 18.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: 0.008 min
Response: 1803178
Conc: 16.21 ug/ml