

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031825AL\
 Data File : FE052834.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2025 07:27
 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: Mar 19 02:33:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.910	3236606	19.198 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	13.355	2367092	19.494 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
Target Compounds			
1) T n-Nonane (C9)	3.249	2924401	18.861 ug/ml
2) T n-Decane (C10)	4.511	3058223	19.467 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3265407	19.254 ug/ml
4) T n-Dodecane (C12)	6.692	3057636	19.638 ug/ml
5) T A~2-methylnaphthalene...	7.328	3137749	19.362 ug/ml
6) T n-Tetradecane (C14)	8.530	2995383	19.796 ug/ml
7) T n-Hexadecane (C16)	10.144	3034661	19.849 ug/ml
8) T n-Octadecane (C18)	11.594	2999189	19.713 ug/ml
10) T n-Eicosane (C20)	12.909	2845109	19.598 ug/ml
11) T n-Heneicosane (C21)	13.522	2766128	19.435 ug/ml
13) T n-Docosane (C22)	14.110	2778164	19.522 ug/ml
14) T n-Tetracosane (C24)	15.218	2845065	19.880 ug/ml
15) T n-Hexacosane (C26)	16.243	2857238	20.094 ug/ml
16) T n-Octacosane (C28)	17.196	2963196	20.839 ug/ml
17) T n-Tricontane (C30)	18.087	3158725	21.386 ug/ml
18) T n-Dotriacontane (C32)	18.921	3170087	21.836 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2924222	21.696 ug/ml
20) T n-Hexatriacontane (C36)	20.448	2552342	21.480 ug/ml
21) T n-Octatriacontane (C38)	21.190	2354703	21.226 ug/ml
22) T n-Tetracontane (C40)	22.114	2287733	21.160 ug/ml

(f)=RT Delta > 1/2 Window

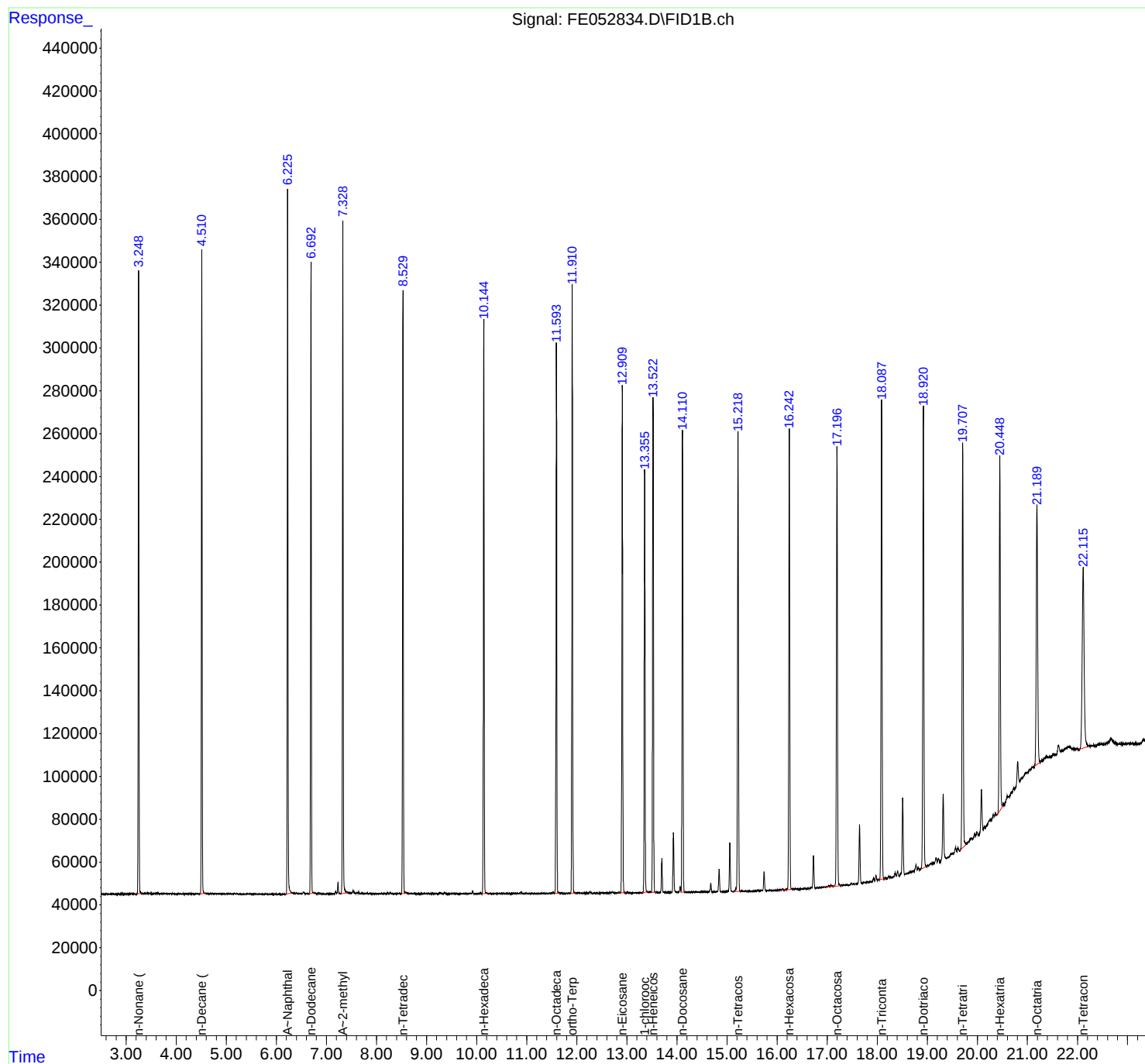
(m)=manual int.

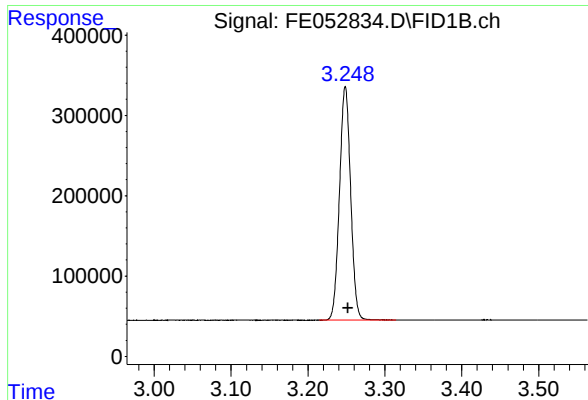
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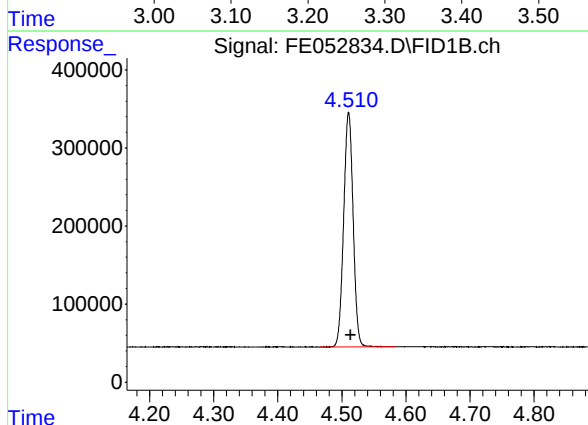




#1 n-Nonane (C9)

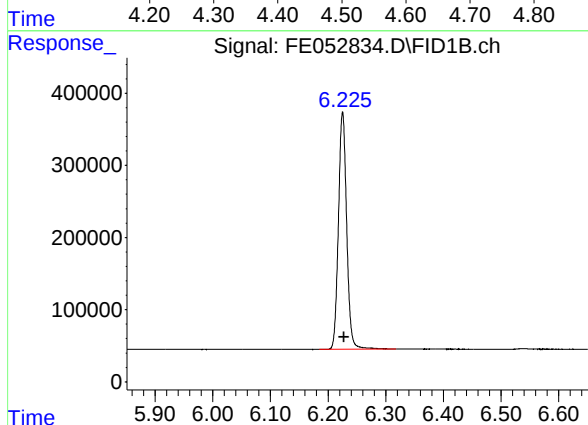
R.T.: 3.249 min
Delta R.T.: -0.003 min
Response: 2924401
Conc: 18.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



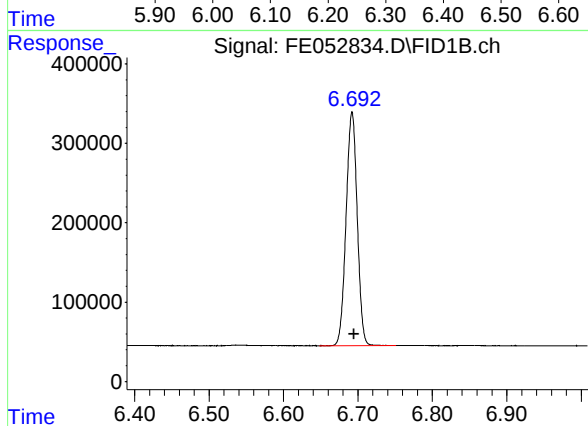
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 3058223
Conc: 19.47 ug/ml



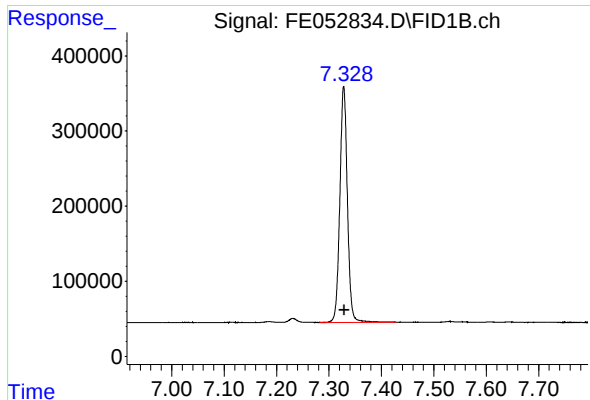
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.003 min
Response: 3265407
Conc: 19.25 ug/ml



#4 n-Dodecane (C12)

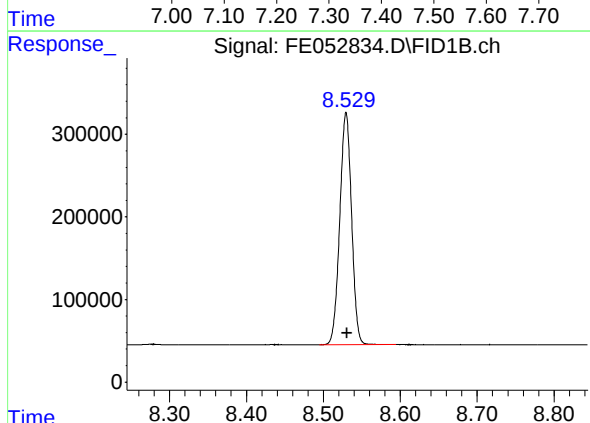
R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 3057636
Conc: 19.64 ug/ml



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

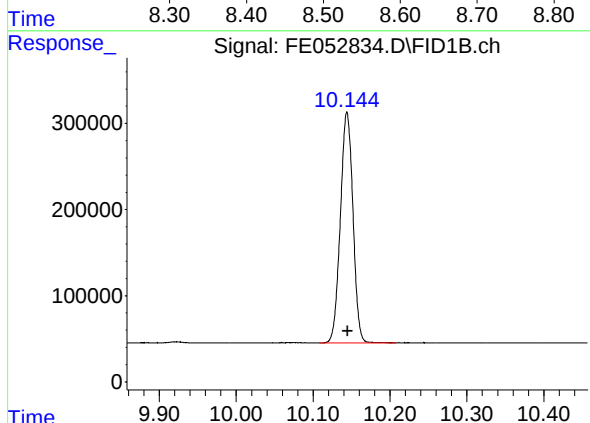
R.T.: 7.328 min
Delta R.T.: -0.001 min
Response: 3137749
Conc: 19.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



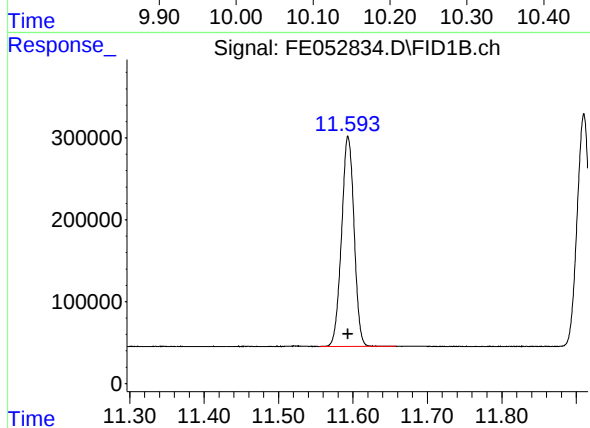
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: -0.001 min
Response: 2995383
Conc: 19.80 ug/ml



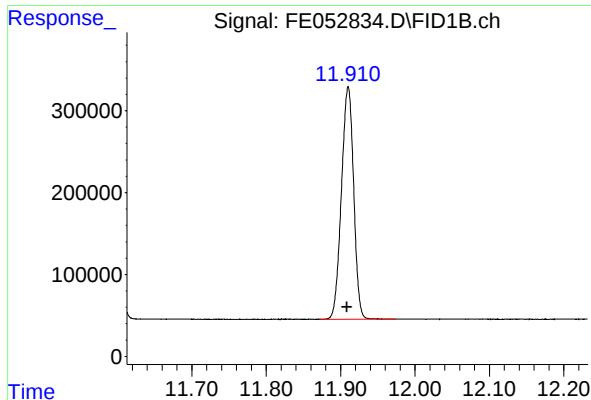
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: 0.000 min
Response: 3034661
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

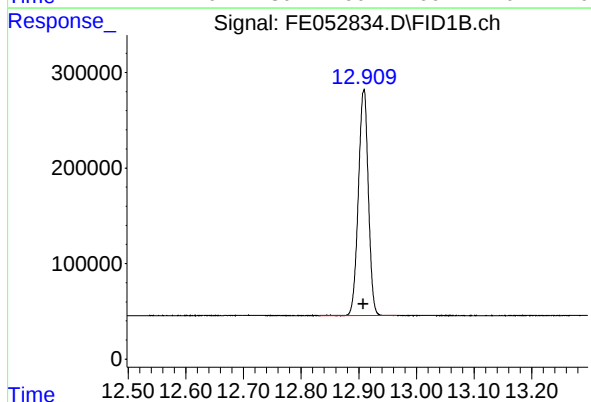
R.T.: 11.594 min
Delta R.T.: 0.000 min
Response: 2999189
Conc: 19.71 ug/ml



#9 ortho-Terphenyl (SURR)

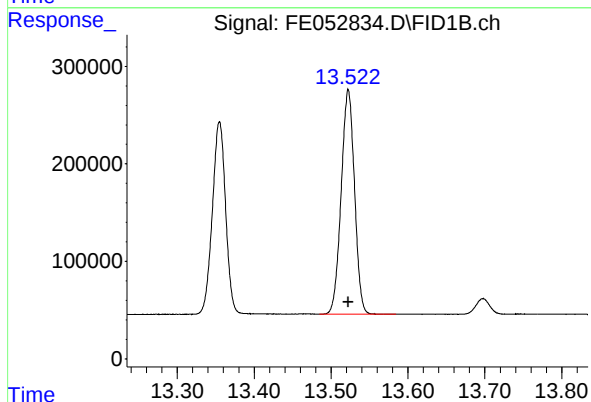
R.T.: 11.910 min
Delta R.T.: 0.001 min
Response: 3236606
Conc: 19.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



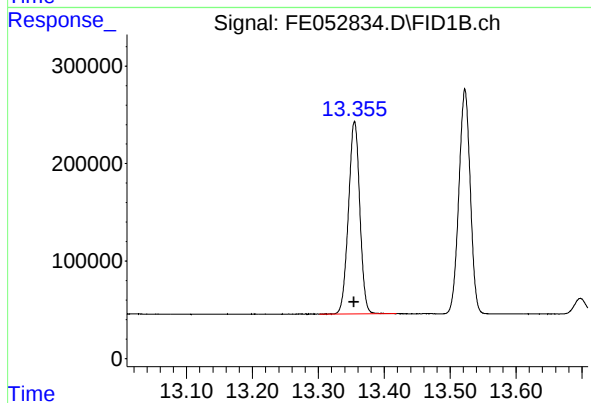
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 2845109
Conc: 19.60 ug/ml



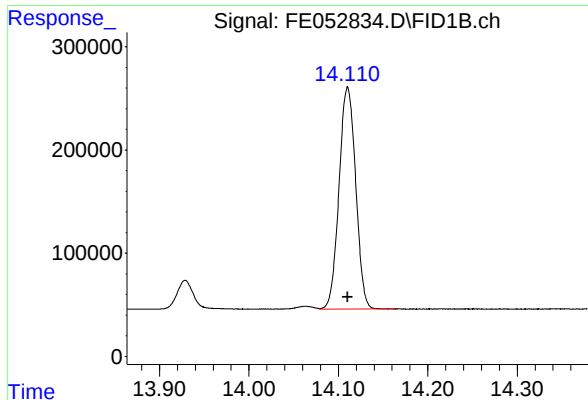
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 2766128
Conc: 19.43 ug/ml



#12 1-chlorooctadecane (SURR)

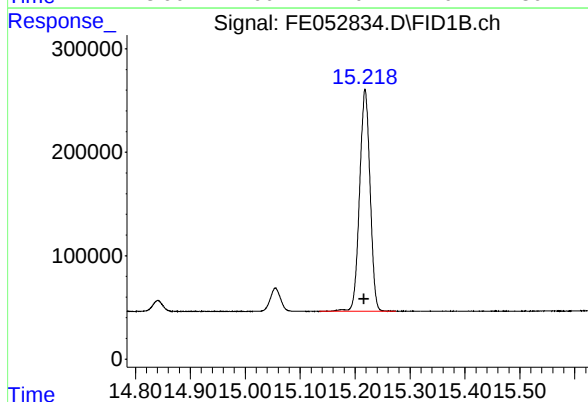
R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 2367092
Conc: 19.49 ug/ml



#13 n-Docosane (C22)

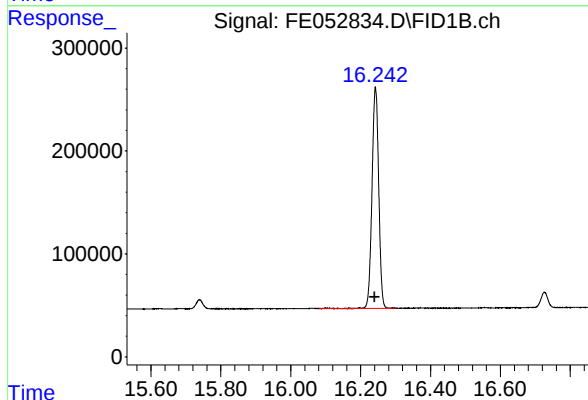
R.T.: 14.110 min
Delta R.T.: 0.000 min
Response: 2778164
Conc: 19.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



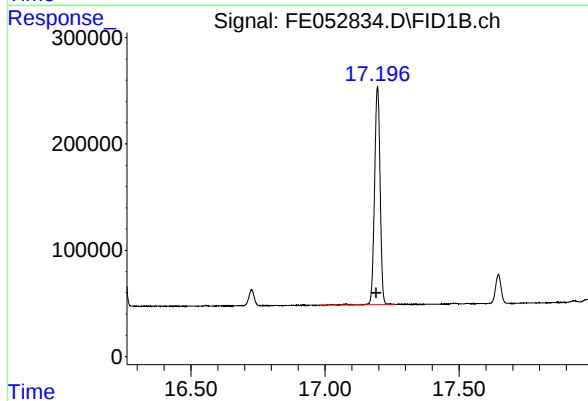
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.002 min
Response: 2845065
Conc: 19.88 ug/ml



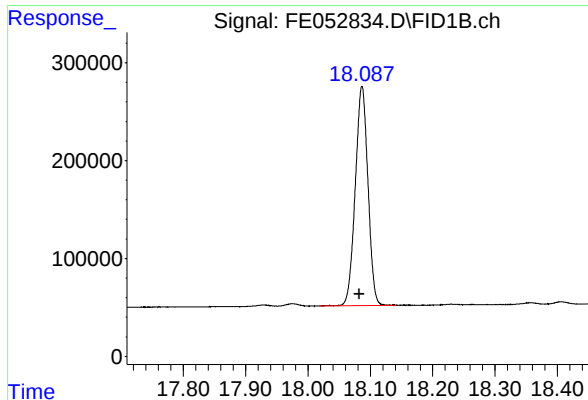
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.002 min
Response: 2857238
Conc: 20.09 ug/ml



#16 n-Octacosane (C28)

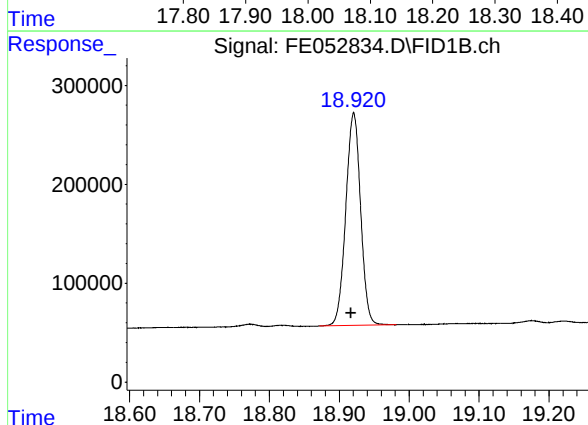
R.T.: 17.196 min
Delta R.T.: 0.004 min
Response: 2963196
Conc: 20.84 ug/ml



#17 n-Tricontane (C30)

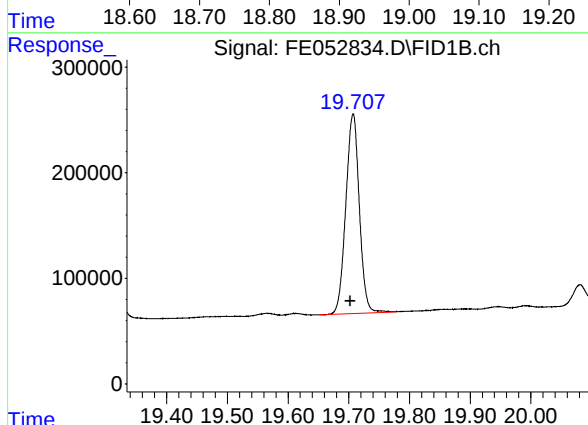
R.T.: 18.087 min
Delta R.T.: 0.004 min
Response: 3158725
Conc: 21.39 ug/ml

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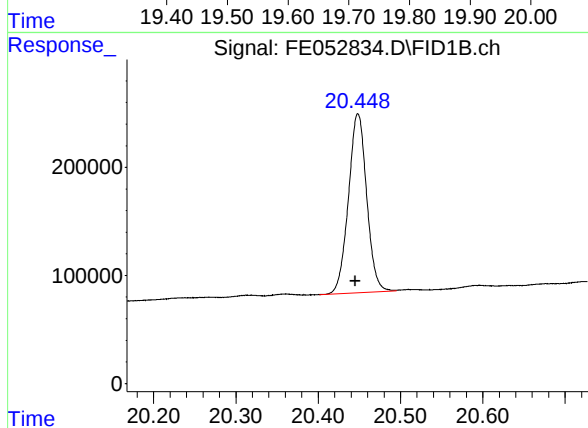
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: 0.004 min
Response: 3170087
Conc: 21.84 ug/ml



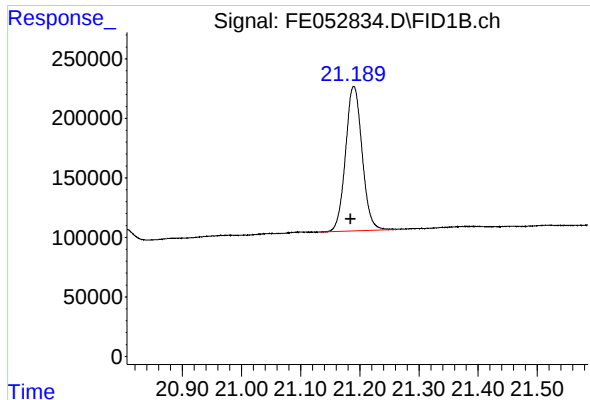
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.004 min
Response: 2924222
Conc: 21.70 ug/ml



#20 n-Hexatriacontane (C36)

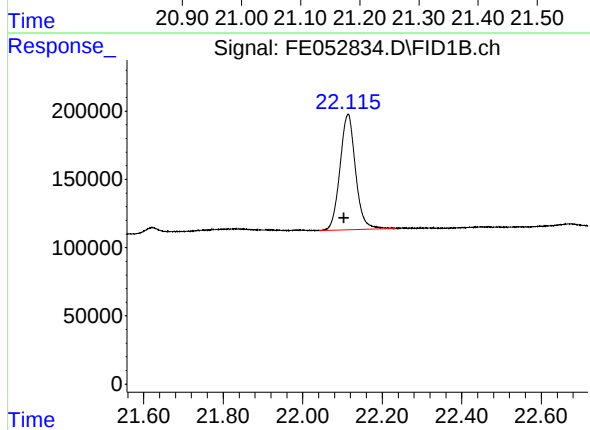
R.T.: 20.448 min
Delta R.T.: 0.003 min
Response: 2552342
Conc: 21.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: 0.005 min
Response: 2354703
Conc: 21.23 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: 0.010 min
Response: 2287733
Conc: 21.16 ug/ml