

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032725AL\
 Data File : FE053009.D
 Signal(s) : FID1B.ch
 Acq On : 27 Mar 2025 08:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 27 12:14:45 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)	11.900	3251175	19.285 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
12) S 1-chlorooctadecane (S...	13.344	2425803	19.978 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
Target Compounds			
1) T n-Nonane (C9)	3.243	3111963	20.071 ug/ml
2) T n-Decane (C10)	4.505	3171814	20.190 ug/ml
3) T A~Naphthalene (C11.7)	6.218	3408189	20.096 ug/ml
4) T n-Dodecane (C12)	6.685	3154170	20.258 ug/ml
5) T A~2-methylnaphthalene...	7.320	3248860	20.048 ug/ml
6) T n-Tetradecane (C14)	8.521	3073230	20.311 ug/ml
7) T n-Hexadecane (C16)	10.136	3120838	20.413 ug/ml
8) T n-Octadecane (C18)	11.584	3078612	20.235 ug/ml
10) T n-Eicosane (C20)	12.898	2892280	19.923 ug/ml
11) T n-Heneicosane (C21)	13.512	2818394	19.802 ug/ml
13) T n-Docosane (C22)	14.100	2796634	19.652 ug/ml
14) T n-Tetracosane (C24)	15.207	2773696	19.382 ug/ml
15) T n-Hexacosane (C26)	16.231	2733413	19.223 ug/ml
16) T n-Octacosane (C28)	17.182	2721134	19.137 ug/ml
17) T n-Tricontane (C30)	18.072	2821334	19.102 ug/ml
18) T n-Dotriacontane (C32)	18.906	2802313	19.302 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2597822	19.275 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2344419	19.730 ug/ml
21) T n-Octatriacontane (C38)	21.173	2362257	21.294 ug/ml
22) T n-Tetracontane (C40)	22.091	2273636	21.030 ug/ml

(f)=RT Delta > 1/2 Window

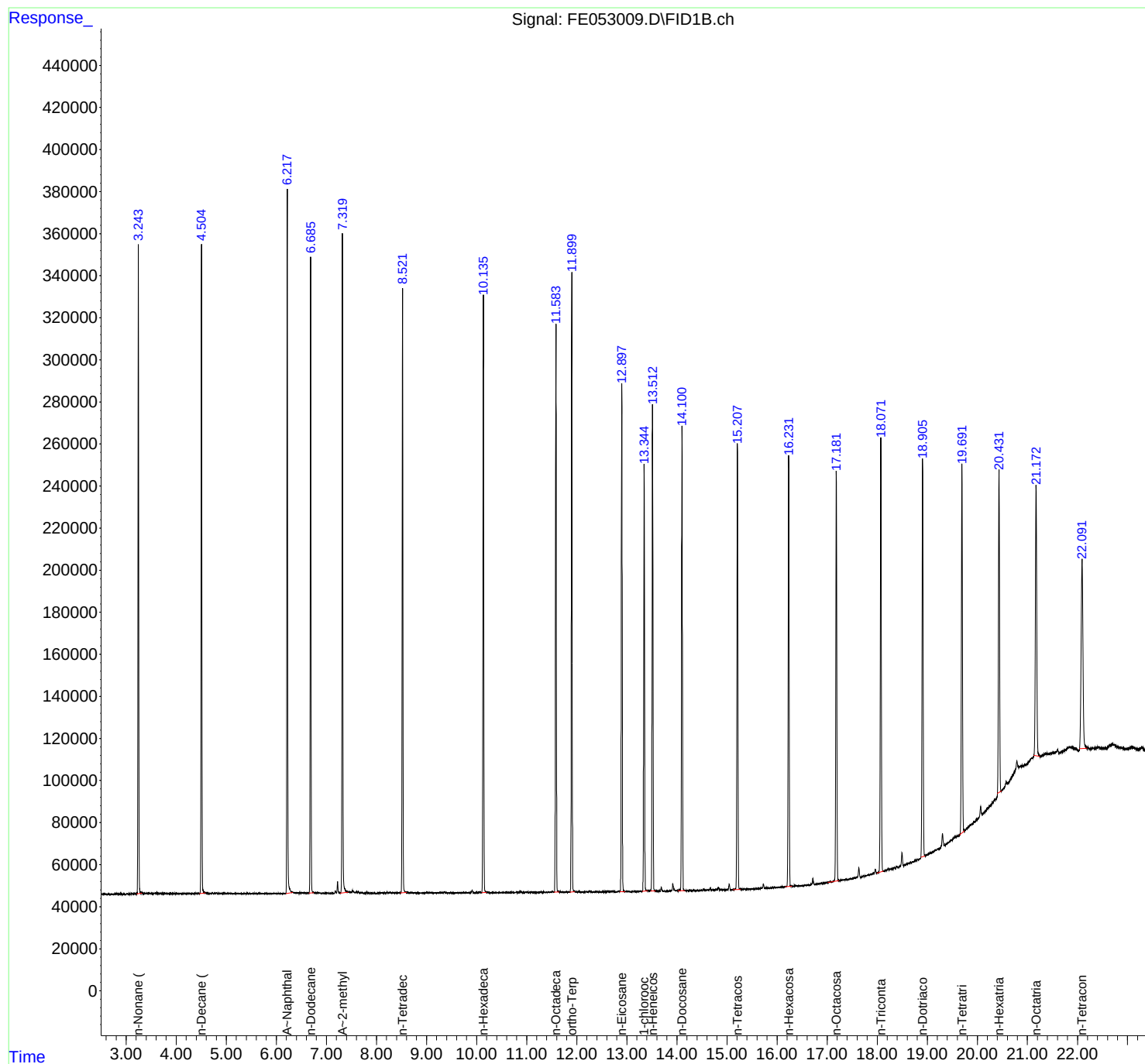
(m)=manual int.

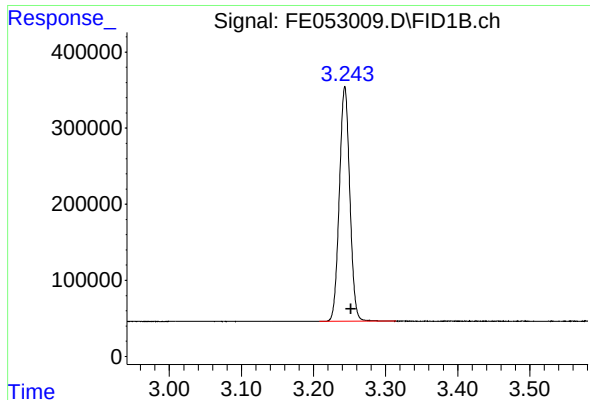
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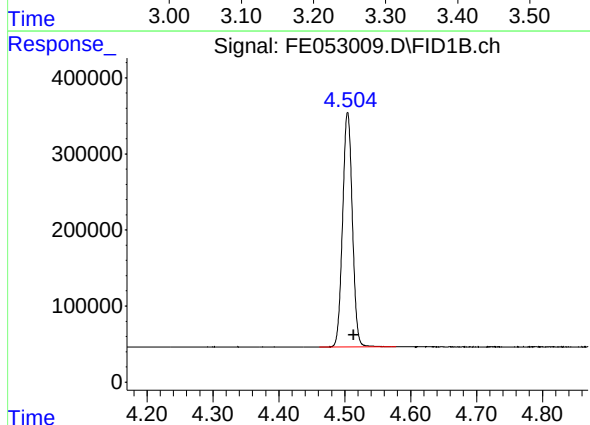




#1 n-Nonane (C9)

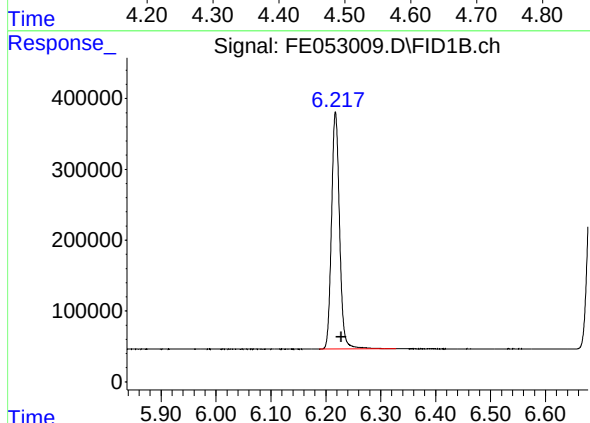
R.T.: 3.243 min
Delta R.T.: -0.009 min
Response: 3111963
Conc: 20.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



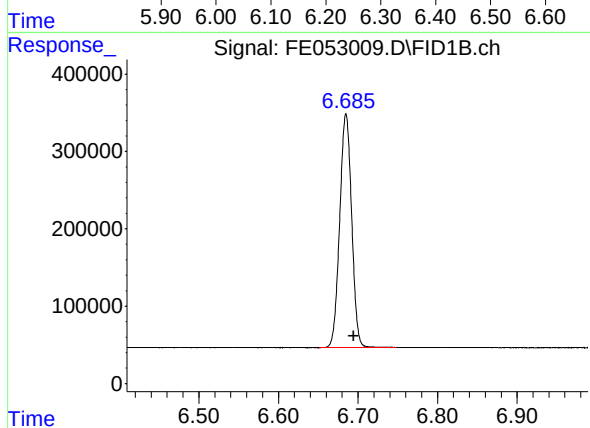
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.009 min
Response: 3171814
Conc: 20.19 ug/ml



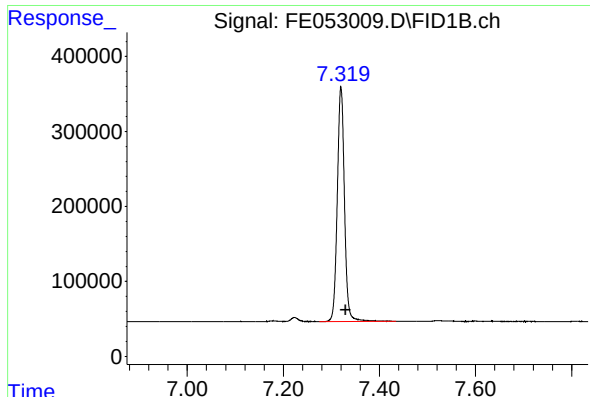
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: -0.010 min
Response: 3408189
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

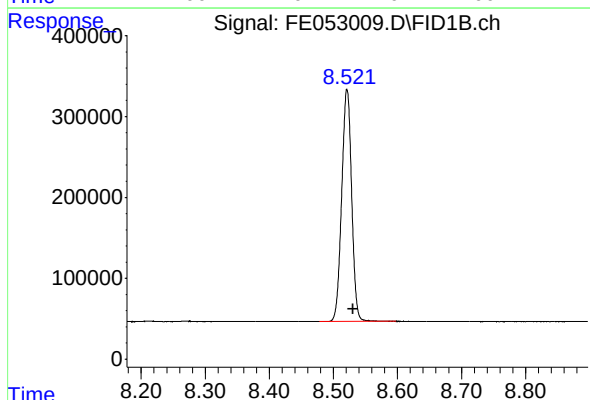
R.T.: 6.685 min
Delta R.T.: -0.010 min
Response: 3154170
Conc: 20.26 ug/ml



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

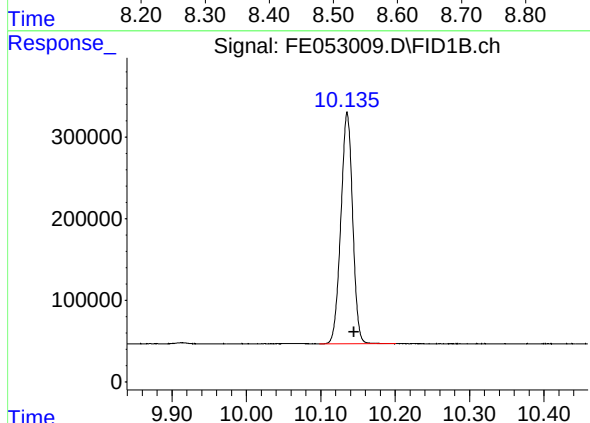
R.T.: 7.320 min
Delta R.T.: -0.010 min
Response: 3248860
Conc: 20.05 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



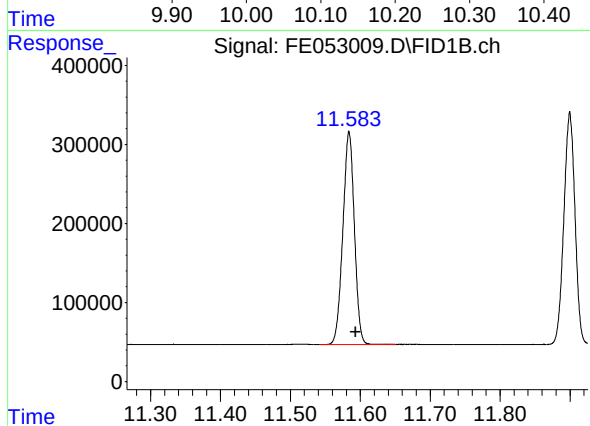
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: -0.009 min
Response: 3073230
Conc: 20.31 ug/ml



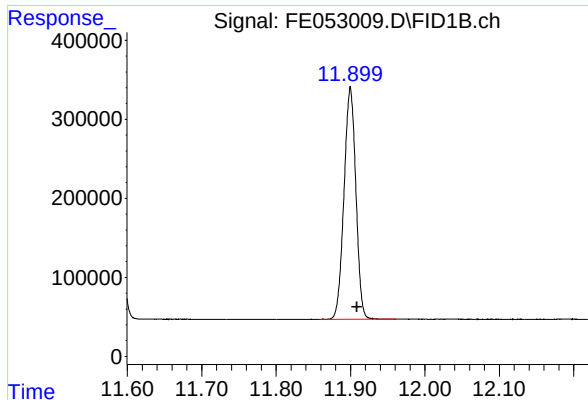
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.009 min
Response: 3120838
Conc: 20.41 ug/ml



#8 n-Octadecane (C18)

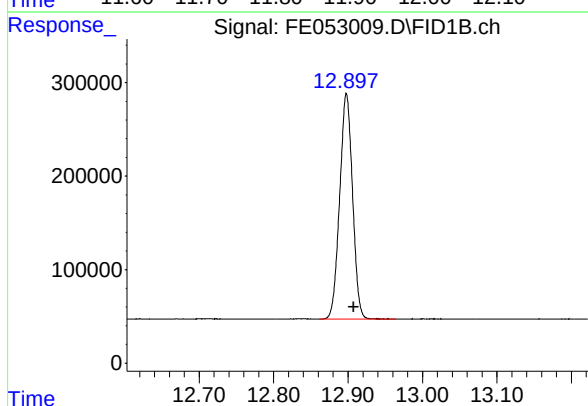
R.T.: 11.584 min
Delta R.T.: -0.009 min
Response: 3078612
Conc: 20.24 ug/ml



#9 ortho-Terphenyl (SURR)

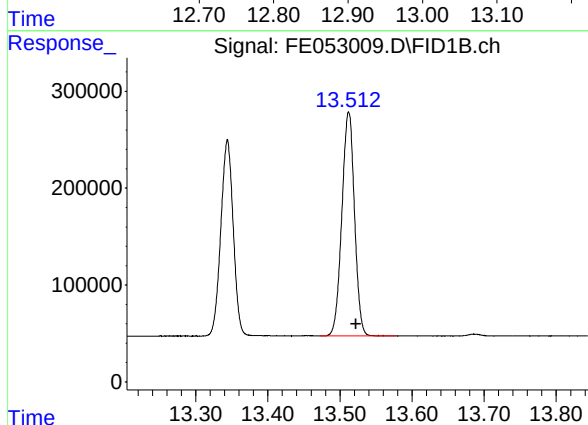
R.T.: 11.900 min
Delta R.T.: -0.009 min
Response: 3251175
Conc: 19.28 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



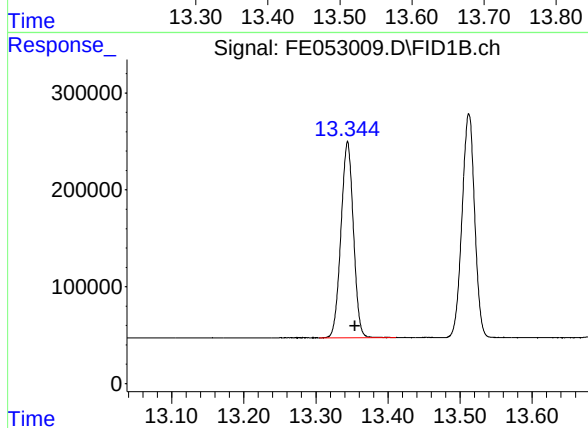
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.010 min
Response: 2892280
Conc: 19.92 ug/ml



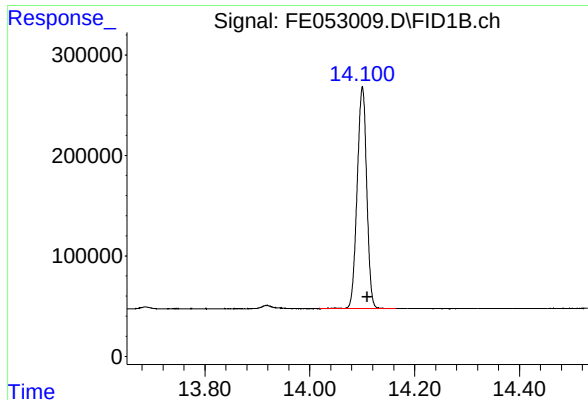
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.010 min
Response: 2818394
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

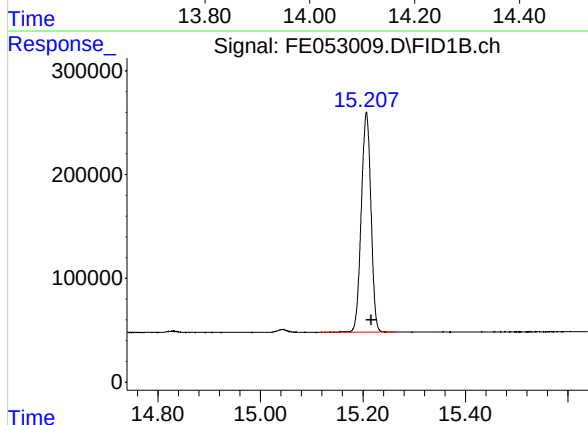
R.T.: 13.344 min
Delta R.T.: -0.010 min
Response: 2425803
Conc: 19.98 ug/ml



#13 n-Docosane (C22)

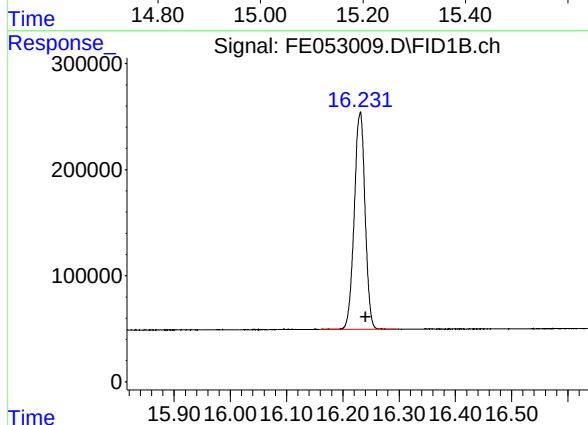
R.T.: 14.100 min
Delta R.T.: -0.010 min
Response: 2796634
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



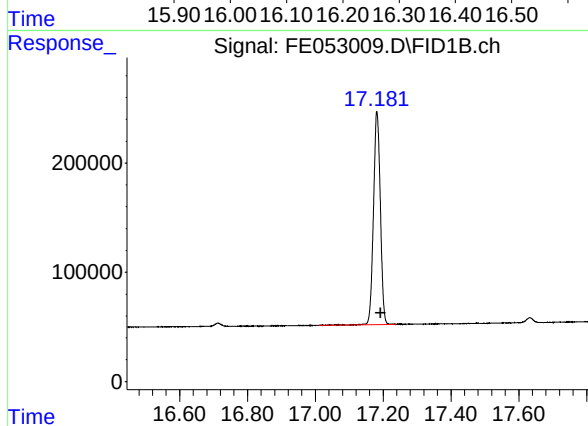
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.009 min
Response: 2773696
Conc: 19.38 ug/ml



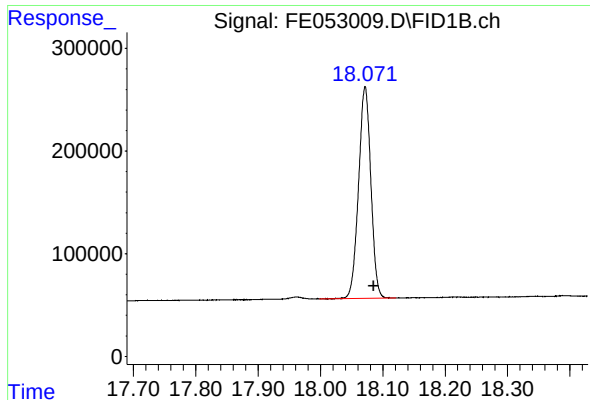
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: -0.010 min
Response: 2733413
Conc: 19.22 ug/ml



#16 n-Octacosane (C28)

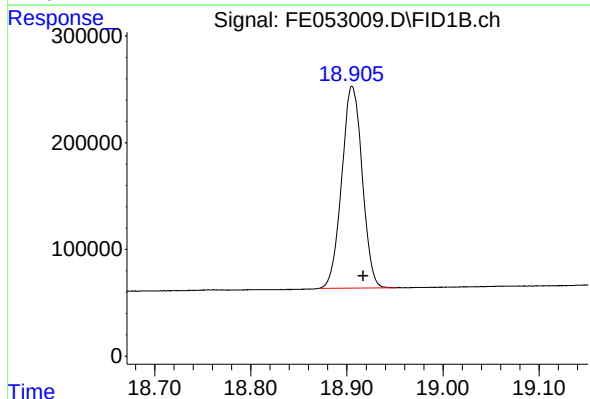
R.T.: 17.182 min
Delta R.T.: -0.010 min
Response: 2721134
Conc: 19.14 ug/ml



#17 n-Tricontane (C30)

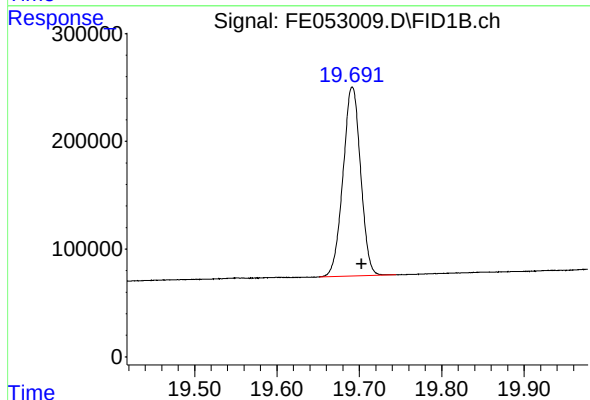
R.T.: 18.072 min
Delta R.T.: -0.013 min
Response: 2821334
Conc: 19.10 ug/ml

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20 PPM ALIPHATIC HC STD



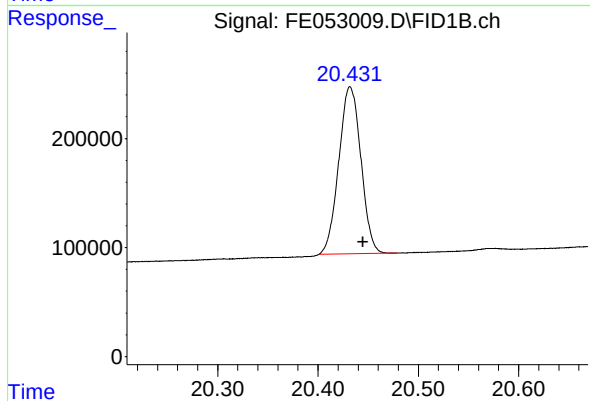
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: -0.011 min
Response: 2802313
Conc: 19.30 ug/ml



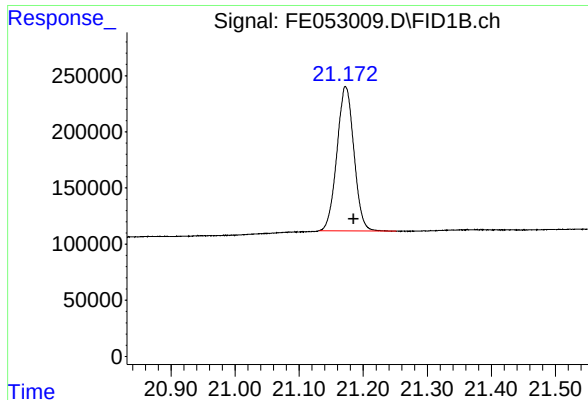
#19 n-Tetatriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.011 min
Response: 2597822
Conc: 19.27 ug/ml



#20 n-Hexatriacontane (C36)

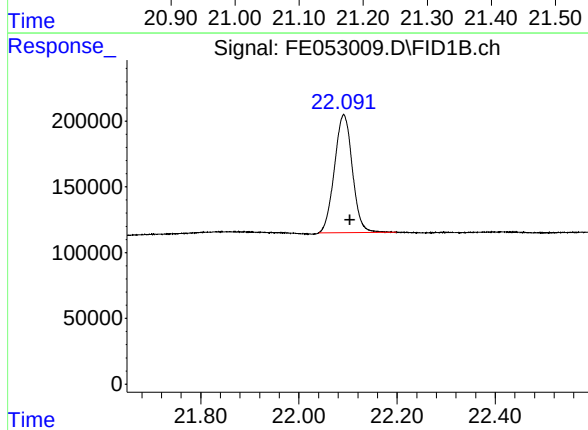
R.T.: 20.432 min
Delta R.T.: -0.013 min
Response: 2344419
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.012 min
Response: 2362257
Conc: 21.29 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: -0.013 min
Response: 2273636
Conc: 21.03 ug/ml