

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022224AL\
 Data File : FE046914.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2024 21:32
 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: sample.E
 Quant Time: Feb 23 00:35:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.791	3273491	19.924 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
12) S 1-chlorooctadecane (S...	13.234	2484623	20.184 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
Target Compounds			
1) T n-Nonane (C9)	3.183	3080610	20.202 ug/ml
2) T n-Decane (C10)	4.434	3133455	20.231 ug/ml
3) T A~Naphthalene (C11.7)	6.140	3150178	20.001 ug/ml
4) T n-Dodecane (C12)	6.602	3147134	20.241 ug/ml
5) T A~2-methylnaphthalene...	7.237	2845053	19.840 ug/ml
6) T n-Tetradecane (C14)	8.428	3112307	20.184 ug/ml
7) T n-Hexadecane (C16)	10.036	3179161	20.037 ug/ml
8) T n-Octadecane (C18)	11.478	3202454	20.088 ug/ml
10) T n-Eicosane (C20)	12.788	3028315	20.006 ug/ml
11) T n-Heneicosane (C21)	13.399	2950269	19.923 ug/ml
13) T n-Docosane (C22)	13.986	2912724	20.020 ug/ml
14) T n-Tetracosane (C24)	15.089	2857803	20.010 ug/ml
15) T n-Hexacosane (C26)	16.110	2799126	20.031 ug/ml
16) T n-Octacosane (C28)	17.061	2728662	20.028 ug/ml
17) T n-Tricontane (C30)	17.949	2811447	20.151 ug/ml
18) T n-Dotriacontane (C32)	18.783	2774736	20.165 ug/ml
19) T n-Tetratriacontane (C34)	19.567	2728254	20.309 ug/ml
20) T n-Hexatriacontane (C36)	20.307	2726900	20.478 ug/ml
21) T n-Octatriacontane (C38)	21.030	2789587	20.246 ug/ml
22) T n-Tetracontane (C40)	21.903	2887982	20.469 ug/ml

(f)=RT Delta > 1/2 Window

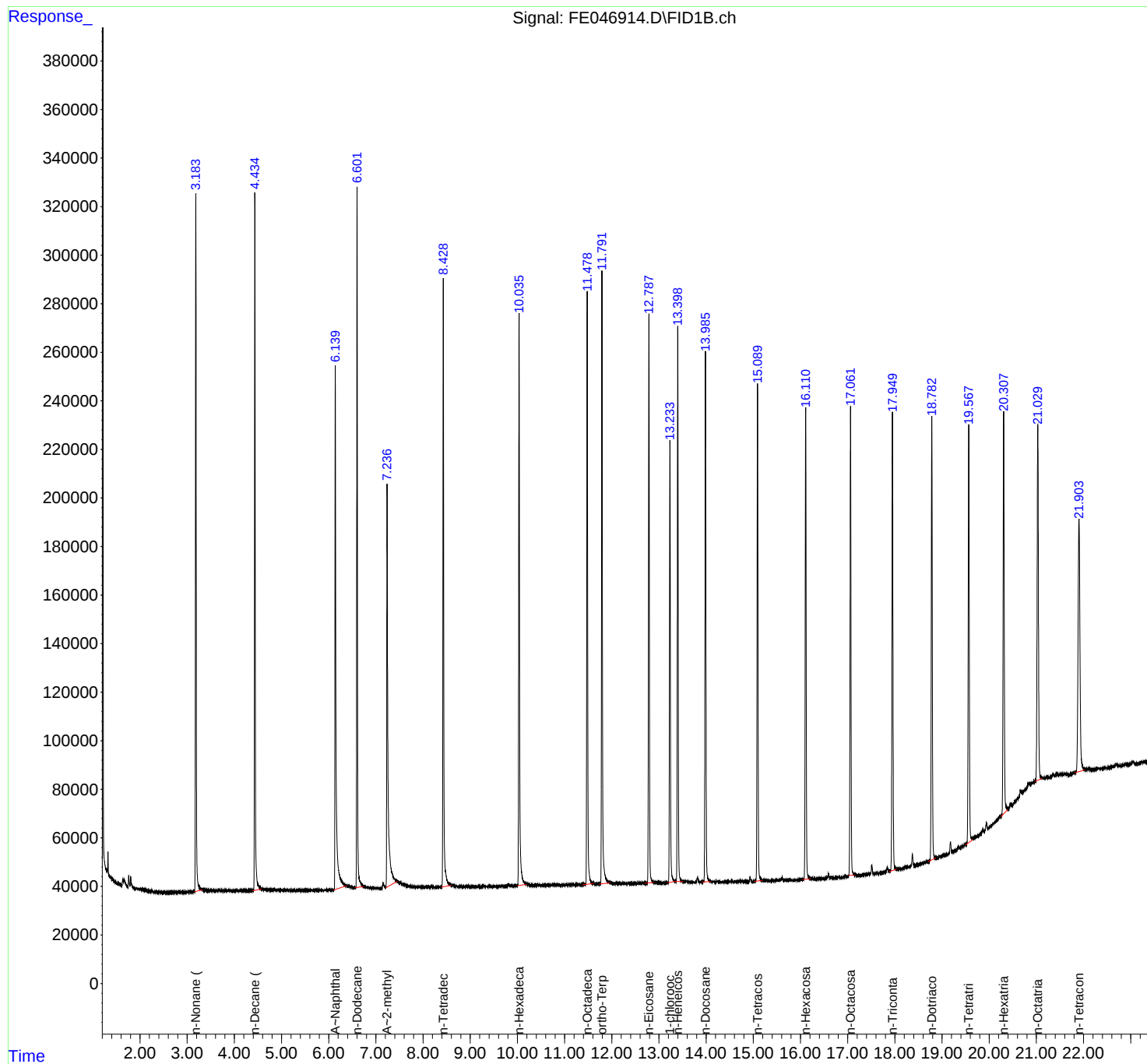
(m)=manual int.

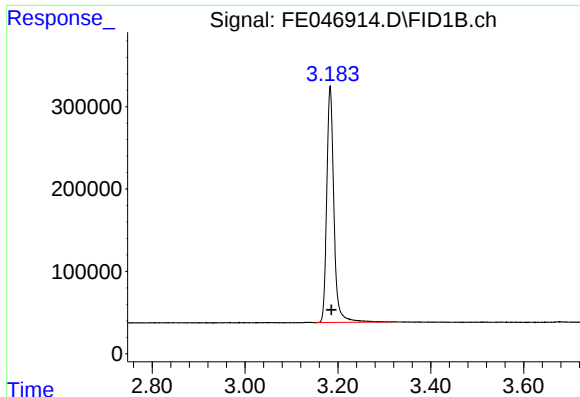
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE02224AL\
Data File : FE046914.D
Signal(s) : FID1B.ch
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

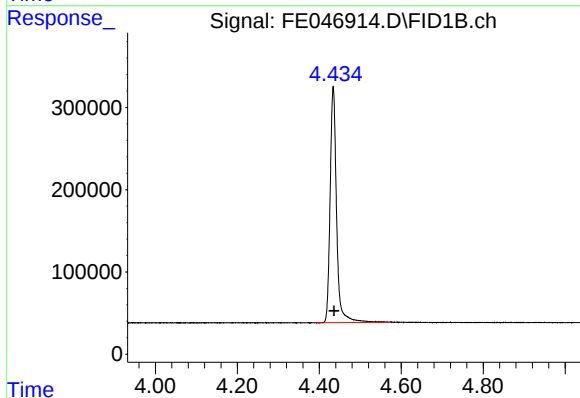




#1 n-Nonane (C9)

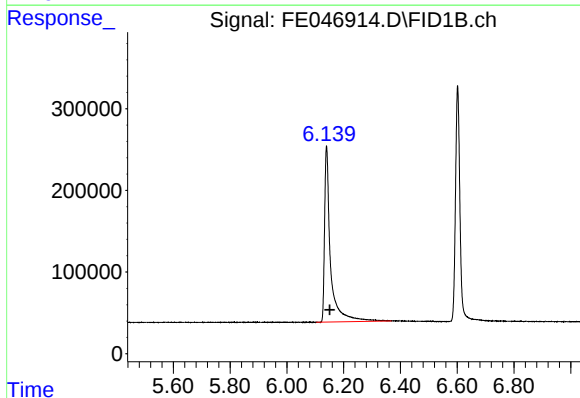
R.T.: 3.183 min
Delta R.T.: -0.003 min
Response: 3080610
Conc: 20.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



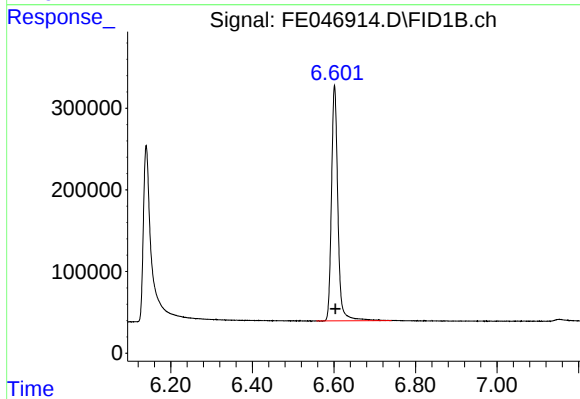
#2 n-Decane (C10)

R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 3133455
Conc: 20.23 ug/ml



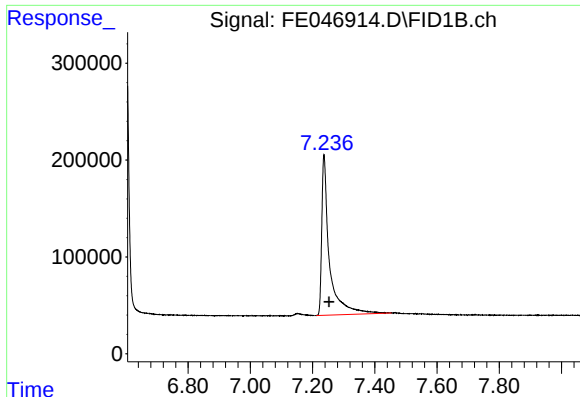
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: -0.012 min
Response: 3150178
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

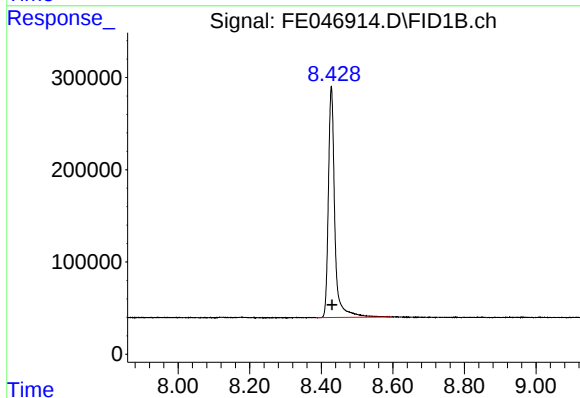
R.T.: 6.602 min
Delta R.T.: -0.002 min
Response: 3147134
Conc: 20.24 ug/ml



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

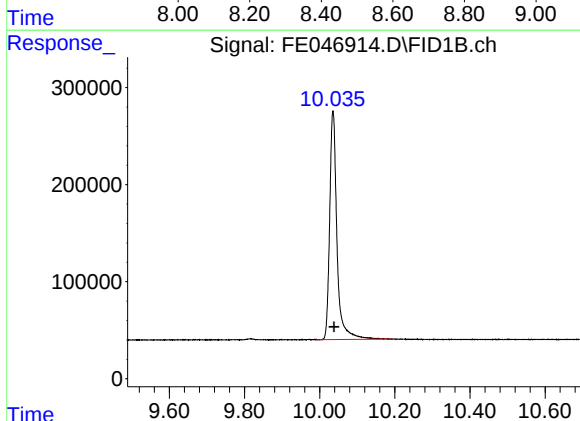
R.T.: 7.237 min
Delta R.T.: -0.016 min
Response: 2845053
Conc: 19.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



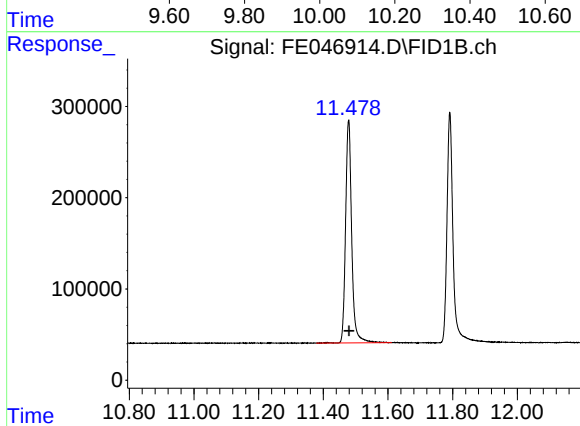
#6 n-Tetradecane (C14)

R.T.: 8.428 min
Delta R.T.: -0.002 min
Response: 3112307
Conc: 20.18 ug/ml



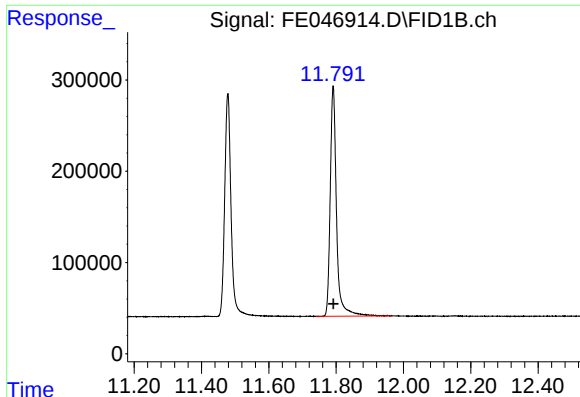
#7 n-Hexadecane (C16)

R.T.: 10.036 min
Delta R.T.: -0.003 min
Response: 3179161
Conc: 20.04 ug/ml



#8 n-Octadecane (C18)

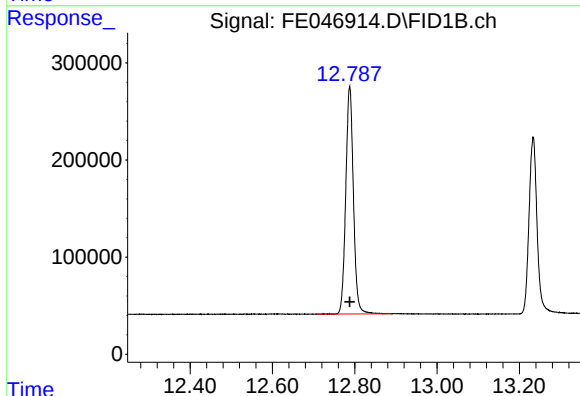
R.T.: 11.478 min
Delta R.T.: -0.002 min
Response: 3202454
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

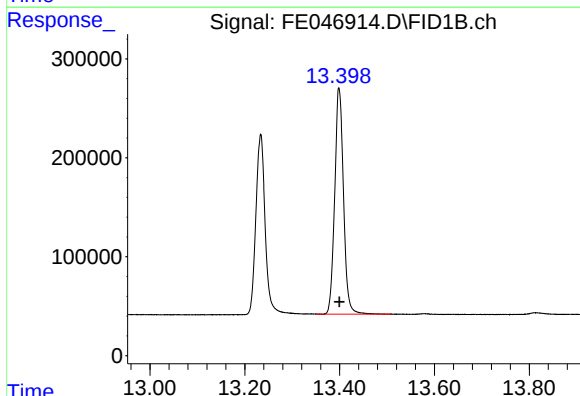
R.T.: 11.791 min
Delta R.T.: 0.000 min
Response: 3273491
Conc: 19.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



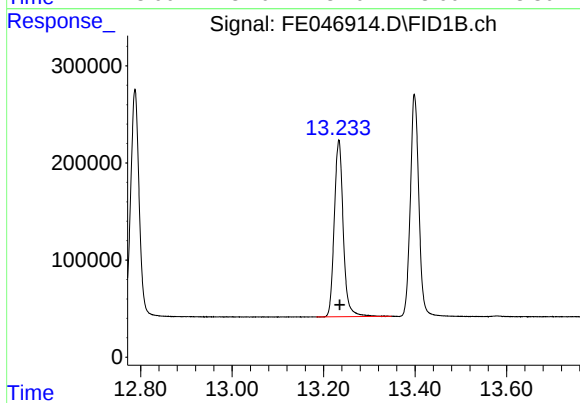
#10 n-Eicosane (C20)

R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 3028315
Conc: 20.01 ug/ml



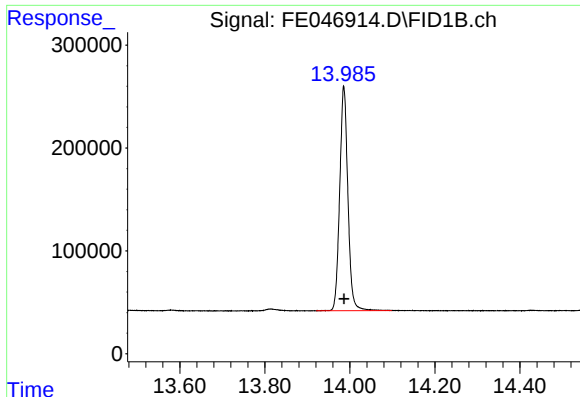
#11 n-Heneicosane (C21)

R.T.: 13.399 min
Delta R.T.: -0.001 min
Response: 2950269
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

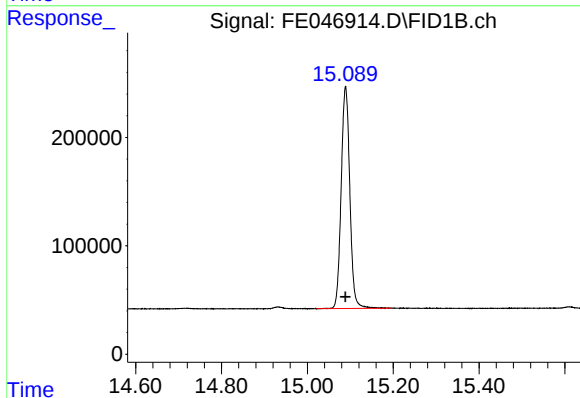
R.T.: 13.234 min
Delta R.T.: -0.001 min
Response: 2484623
Conc: 20.18 ug/ml



#13 n-Docosane (C22)

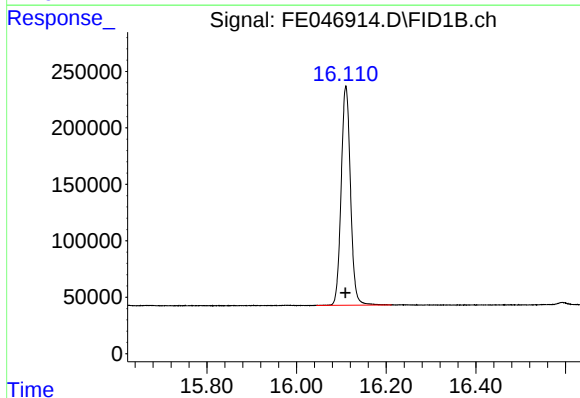
R.T.: 13.986 min
Delta R.T.: 0.000 min
Response: 2912724
Conc: 20.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



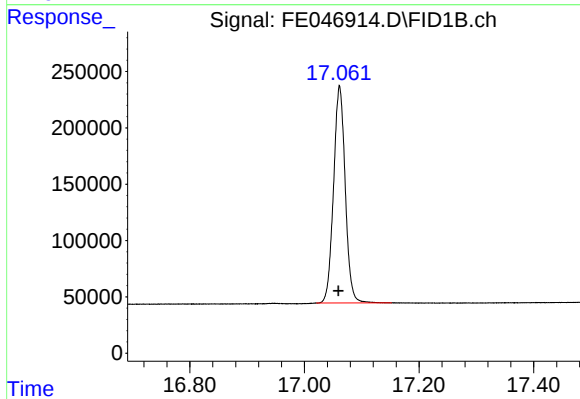
#14 n-Tetracosane (C24)

R.T.: 15.089 min
Delta R.T.: 0.000 min
Response: 2857803
Conc: 20.01 ug/ml



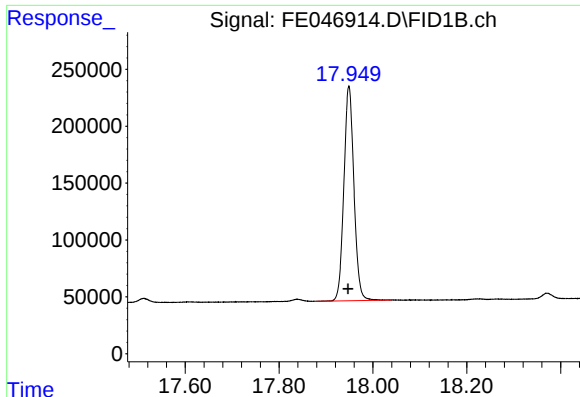
#15 n-Hexacosane (C26)

R.T.: 16.110 min
Delta R.T.: 0.000 min
Response: 2799126
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

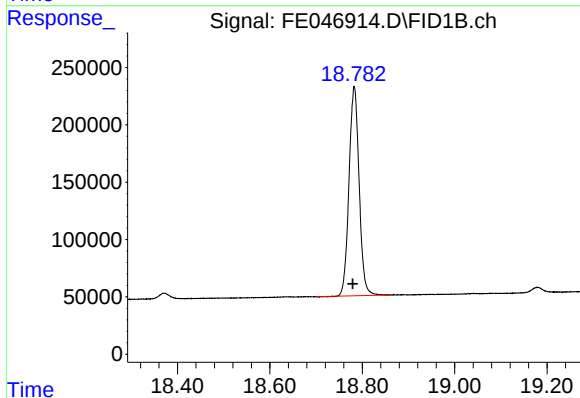
R.T.: 17.061 min
Delta R.T.: 0.002 min
Response: 2728662
Conc: 20.03 ug/ml



#17 n-Tricontane (C30)

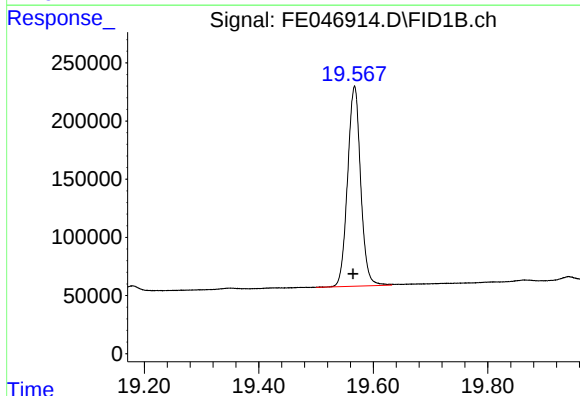
R.T.: 17.949 min
Delta R.T.: 0.002 min
Response: 2811447
Conc: 20.15 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



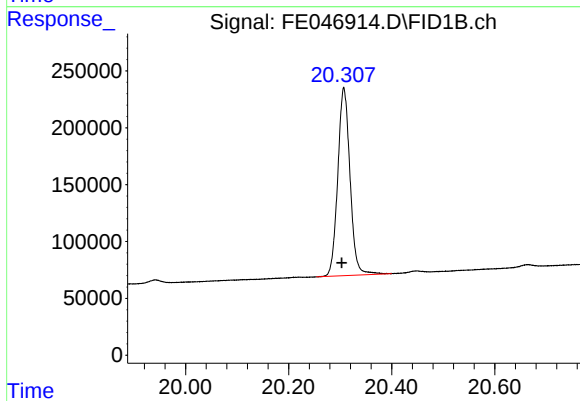
#18 n-Dotriacontane (C32)

R.T.: 18.783 min
Delta R.T.: 0.004 min
Response: 2774736
Conc: 20.16 ug/ml



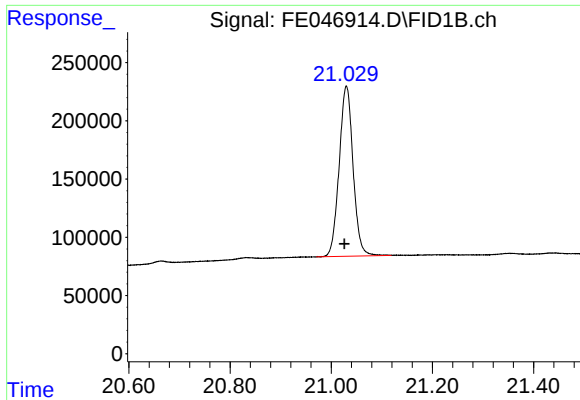
#19 n-Tetratriacontane (C34)

R.T.: 19.567 min
Delta R.T.: 0.003 min
Response: 2728254
Conc: 20.31 ug/ml



#20 n-Hexatriacontane (C36)

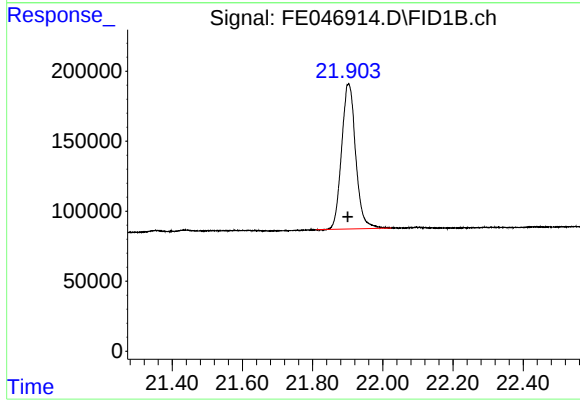
R.T.: 20.307 min
Delta R.T.: 0.004 min
Response: 2726900
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.030 min
Delta R.T.: 0.004 min
Response: 2789587
Conc: 20.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.903 min
Delta R.T.: 0.003 min
Response: 2887982
Conc: 20.47 ug/ml