

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
 Data File : FE048252.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2024 20:36
 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: May 17 23:59:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.961	2415315	16.742 ug/ml
Spiked Amount 50.000		Recovery =	33.48%
12) S 1-chlorooctadecane (S...	13.394	1860191	16.647 ug/ml
Spiked Amount 50.000		Recovery =	33.29%
Target Compounds			
1) T n-Nonane (C9)	3.345	2280797	17.697 ug/ml
2) T n-Decane (C10)	4.595	2427461	18.438 ug/ml
3) T A~Naphthalene (C11.7)	6.302	2403675	17.408 ug/ml
4) T n-Dodecane (C12)	6.761	2407686	18.061 ug/ml
5) T A~2-methylnaphthalene...	7.398	2280581	17.138 ug/ml
6) T n-Tetradecane (C14)	8.588	2328914	17.574 ug/ml
7) T n-Hexadecane (C16)	10.197	2358448	17.148 ug/ml
8) T n-Octadecane (C18)	11.640	2359909	16.942 ug/ml
10) T n-Eicosane (C20)	12.949	2263826	16.813 ug/ml
11) T n-Heneicosane (C21)	13.561	2201524	16.631 ug/ml
13) T n-Docosane (C22)	14.145	2256085	17.024 ug/ml
14) T n-Tetracosane (C24)	15.249	2376338	17.847 ug/ml
15) T n-Hexacosane (C26)	16.269	2470063	18.510 ug/ml
16) T n-Octacosane (C28)	17.219	2630067	19.753 ug/ml
17) T n-Tricontane (C30)	18.105	2900566	21.017 ug/ml
18) T n-Dotriacontane (C32)	18.937	2935151	21.250 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2735458	20.081 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2561722	18.920 ug/ml
21) T n-Octatriacontane (C38)	21.198	2422770	17.548 ug/ml
22) T n-Tetracontane (C40)	22.120	2473304	17.752 ug/ml

(f)=RT Delta > 1/2 Window

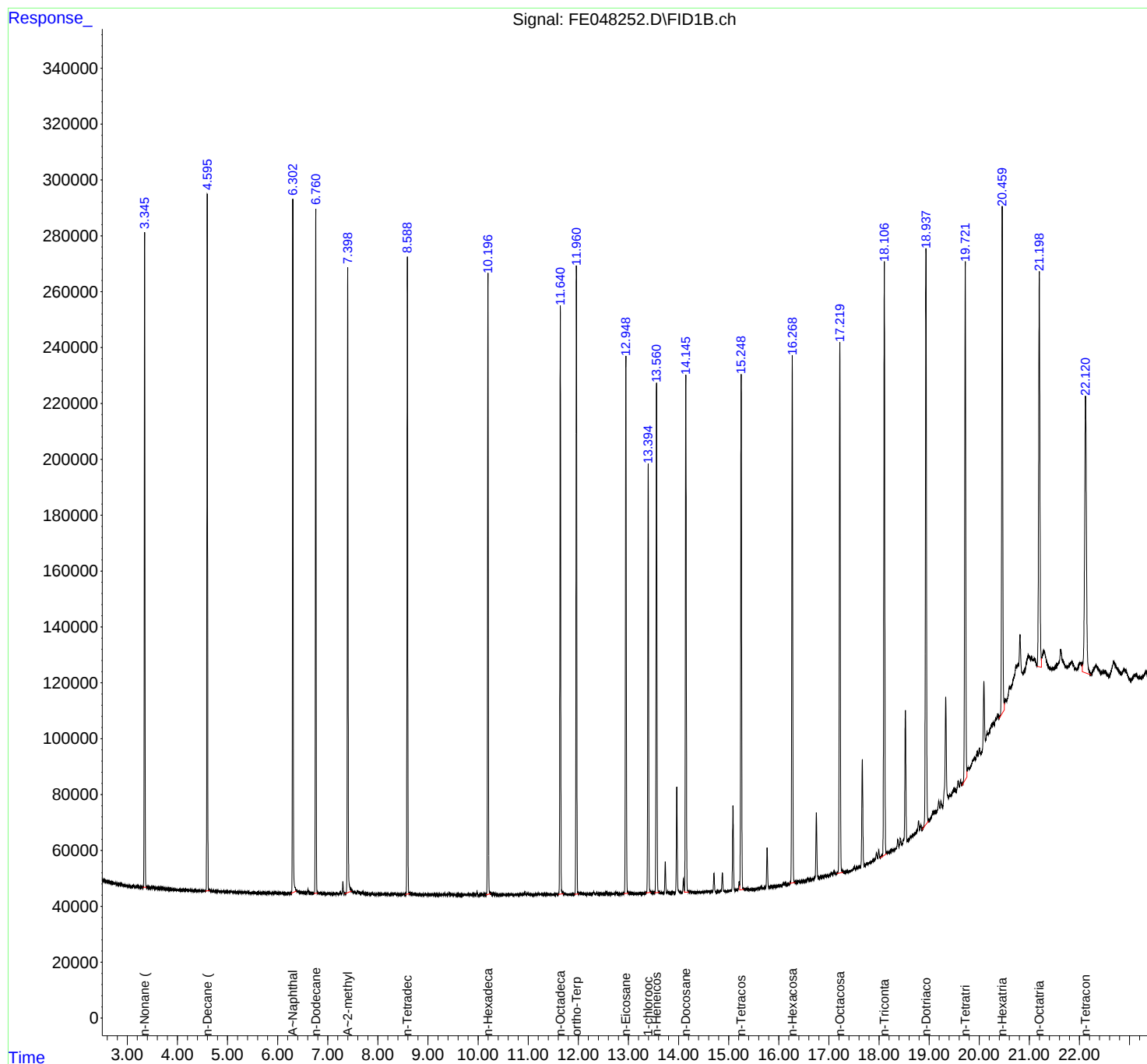
(m)=manual int.

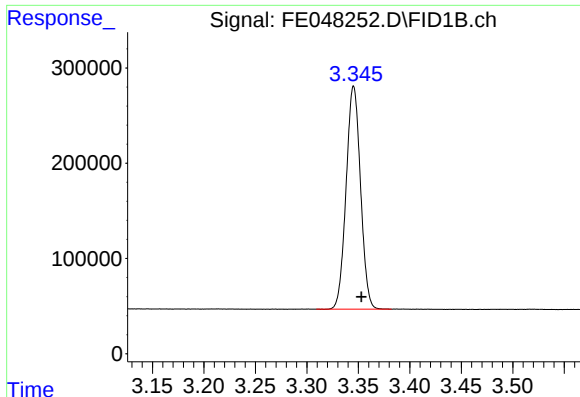
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
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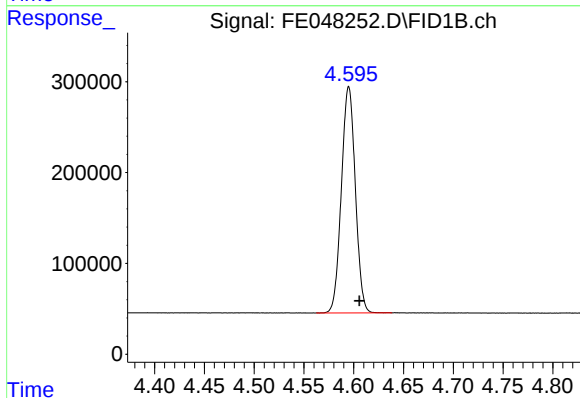




#1 n-Nonane (C9)

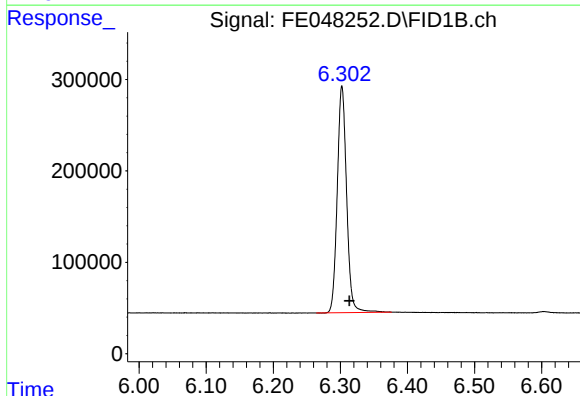
R.T.: 3.345 min
Delta R.T.: -0.008 min
Response: 2280797
Conc: 17.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



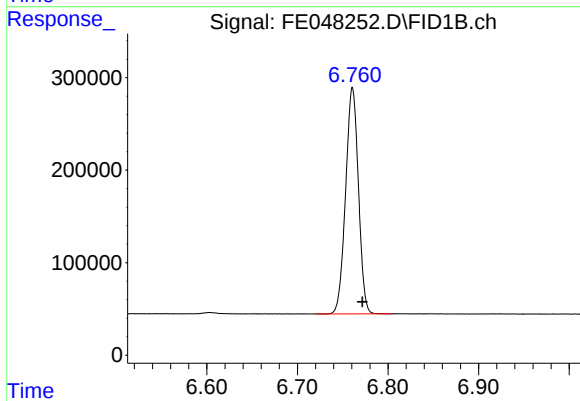
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.011 min
Response: 2427461
Conc: 18.44 ug/ml



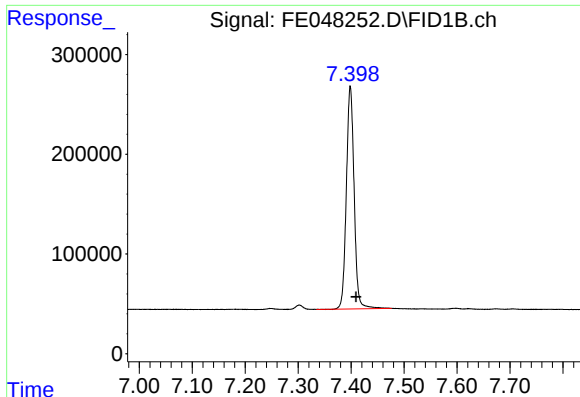
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.011 min
Response: 2403675
Conc: 17.41 ug/ml



#4 n-Dodecane (C12)

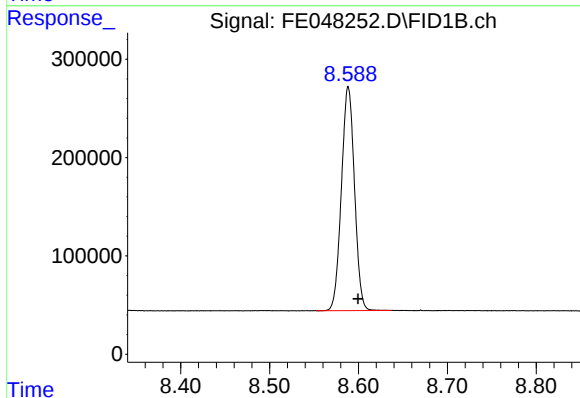
R.T.: 6.761 min
Delta R.T.: -0.011 min
Response: 2407686
Conc: 18.06 ug/ml



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

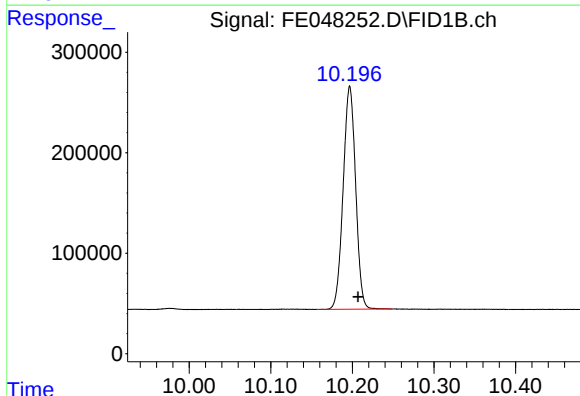
R.T.: 7.398 min
Delta R.T.: -0.011 min
Response: 2280581
Conc: 17.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



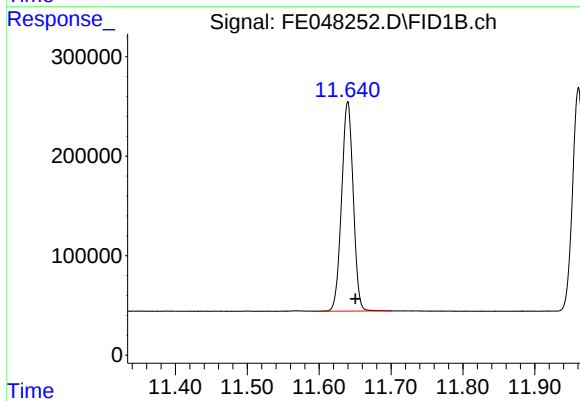
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.011 min
Response: 2328914
Conc: 17.57 ug/ml



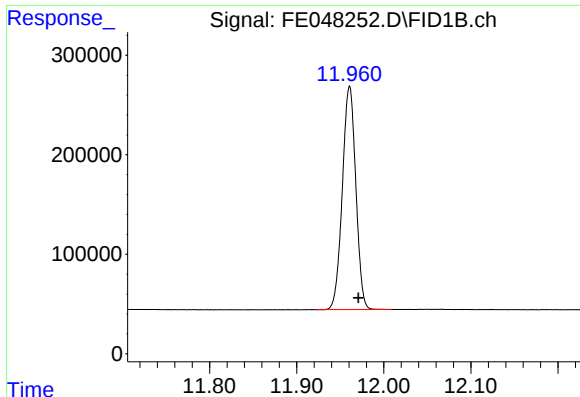
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.010 min
Response: 2358448
Conc: 17.15 ug/ml



#8 n-Octadecane (C18)

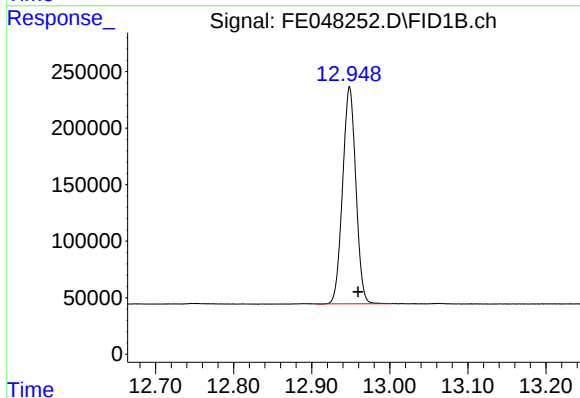
R.T.: 11.640 min
Delta R.T.: -0.011 min
Response: 2359909
Conc: 16.94 ug/ml



#9 ortho-Terphenyl (SURR)

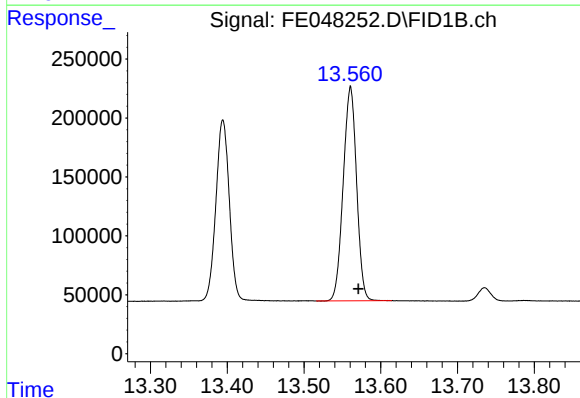
R.T.: 11.961 min
Delta R.T.: -0.010 min
Response: 2415315
Conc: 16.74 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



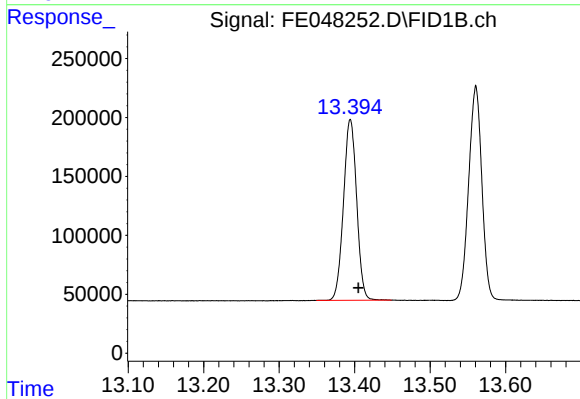
#10 n-Eicosane (C20)

R.T.: 12.949 min
Delta R.T.: -0.011 min
Response: 2263826
Conc: 16.81 ug/ml



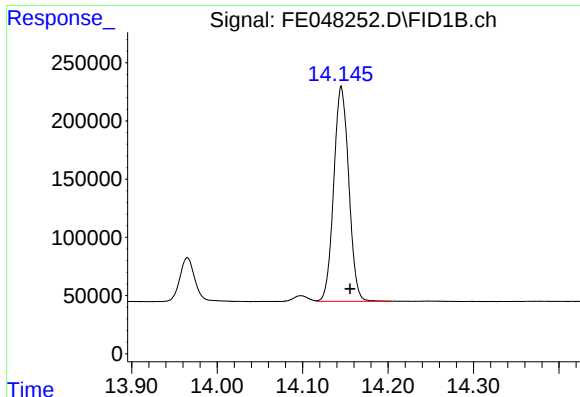
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.011 min
Response: 2201524
Conc: 16.63 ug/ml



#12 1-chlorooctadecane (SURR)

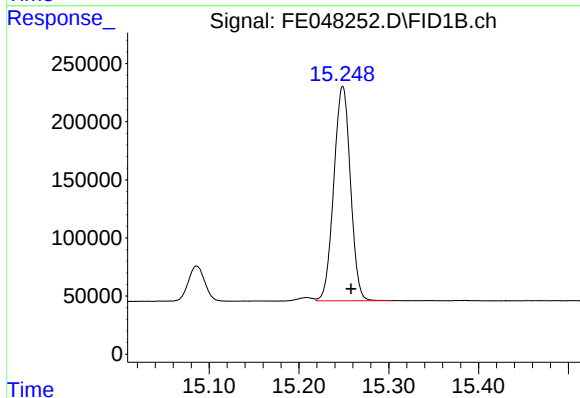
R.T.: 13.394 min
Delta R.T.: -0.011 min
Response: 1860191
Conc: 16.65 ug/ml



#13 n-Docosane (C22)

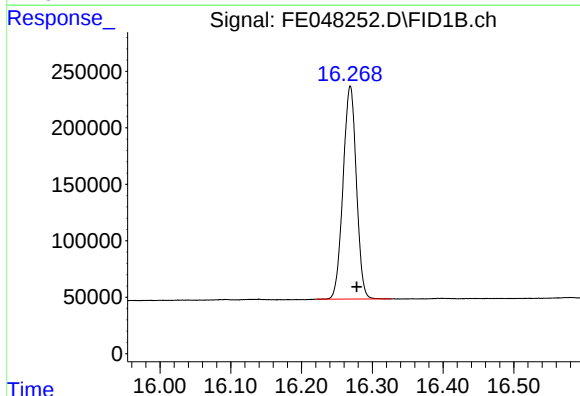
R.T.: 14.145 min
Delta R.T.: -0.010 min
Response: 2256085
Conc: 17.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



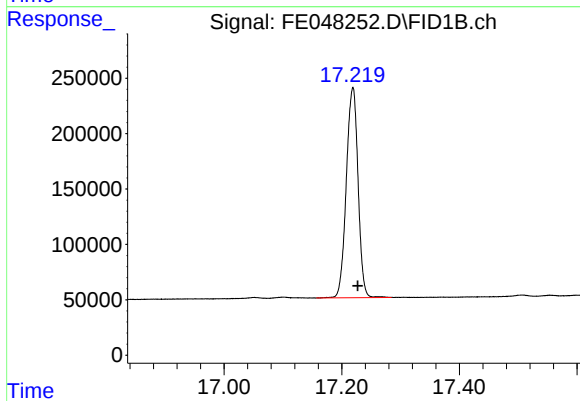
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.009 min
Response: 2376338
Conc: 17.85 ug/ml



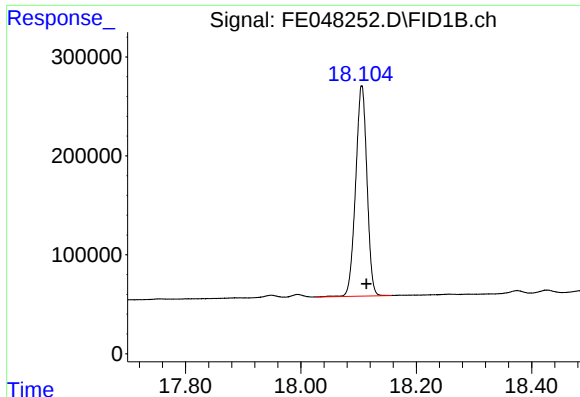
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.009 min
Response: 2470063
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

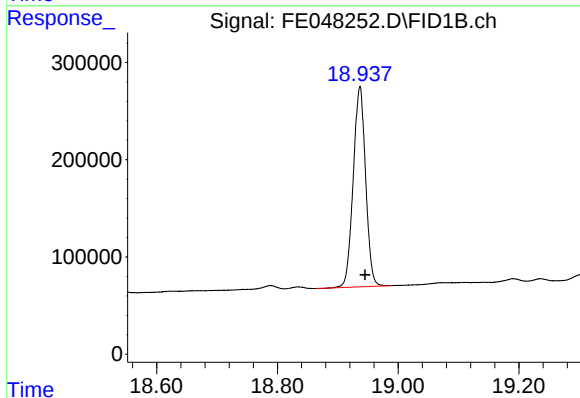
R.T.: 17.219 min
Delta R.T.: -0.008 min
Response: 2630067
Conc: 19.75 ug/ml



#17 n-Tricontane (C30)

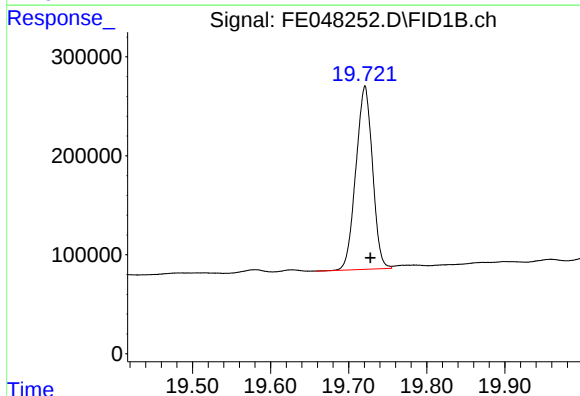
R.T.: 18.105 min
Delta R.T.: -0.008 min
Response: 2900566
Conc: 21.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



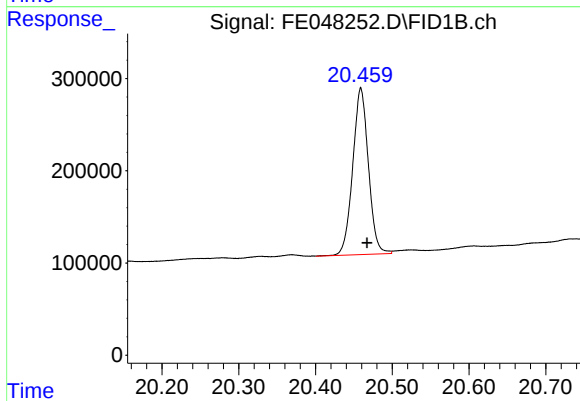
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.008 min
Response: 2935151
Conc: 21.25 ug/ml



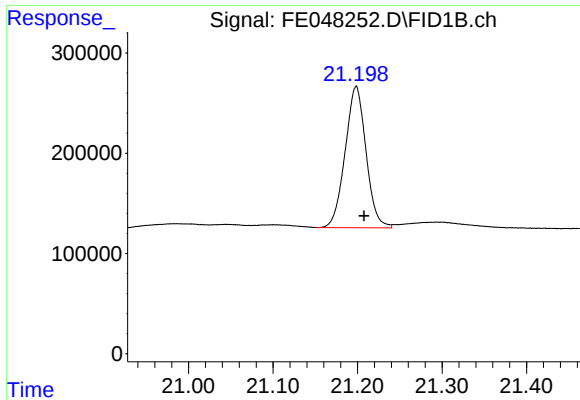
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.007 min
Response: 2735458
Conc: 20.08 ug/ml



#20 n-Hexatriacontane (C36)

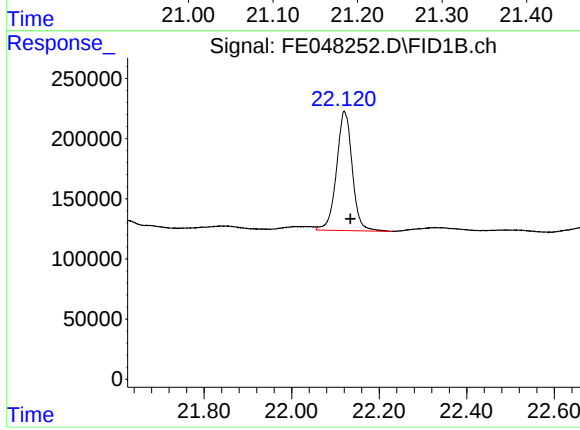
R.T.: 20.459 min
Delta R.T.: -0.008 min
Response: 2561722
Conc: 18.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.009 min
Response: 2422770
Conc: 17.55 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: -0.014 min
Response: 2473304
Conc: 17.75 ug/ml