

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031325AL\
 Data File : FE052774.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2025 11:40
 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 13 15:00:40 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)	11.913	3028620	17.965 ug/ml
Spiked Amount 50.000		Recovery =	35.93%
12) S 1-chlorooctadecane (S...	13.357	2265357	18.656 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
Target Compounds			
1) T n-Nonane (C9)	3.250	2861138	18.453 ug/ml
2) T n-Decane (C10)	4.512	2950690	18.783 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3172002	18.704 ug/ml
4) T n-Dodecane (C12)	6.694	2924042	18.780 ug/ml
5) T A~2-methylnaphthalene...	7.330	3024844	18.665 ug/ml
6) T n-Tetradecane (C14)	8.532	2837920	18.756 ug/ml
7) T n-Hexadecane (C16)	10.147	2885132	18.871 ug/ml
8) T n-Octadecane (C18)	11.596	2849548	18.730 ug/ml
10) T n-Eicosane (C20)	12.911	2701068	18.606 ug/ml
11) T n-Heneicosane (C21)	13.525	2635309	18.516 ug/ml
13) T n-Docosane (C22)	14.114	2637269	18.532 ug/ml
14) T n-Tetracosane (C24)	15.221	2689527	18.794 ug/ml
15) T n-Hexacosane (C26)	16.245	2677774	18.832 ug/ml
16) T n-Octacosane (C28)	17.197	2749038	19.333 ug/ml
17) T n-Tricontane (C30)	18.087	2943182	19.927 ug/ml
18) T n-Dotriacontane (C32)	18.921	2956081	20.362 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2625812	19.482 ug/ml
20) T n-Hexatriacontane (C36)	20.450	2304182	19.392 ug/ml
21) T n-Octatriacontane (C38)	21.192	2206023	19.886 ug/ml
22) T n-Tetracontane (C40)	22.115	2241343	20.731 ug/ml

(f)=RT Delta > 1/2 Window

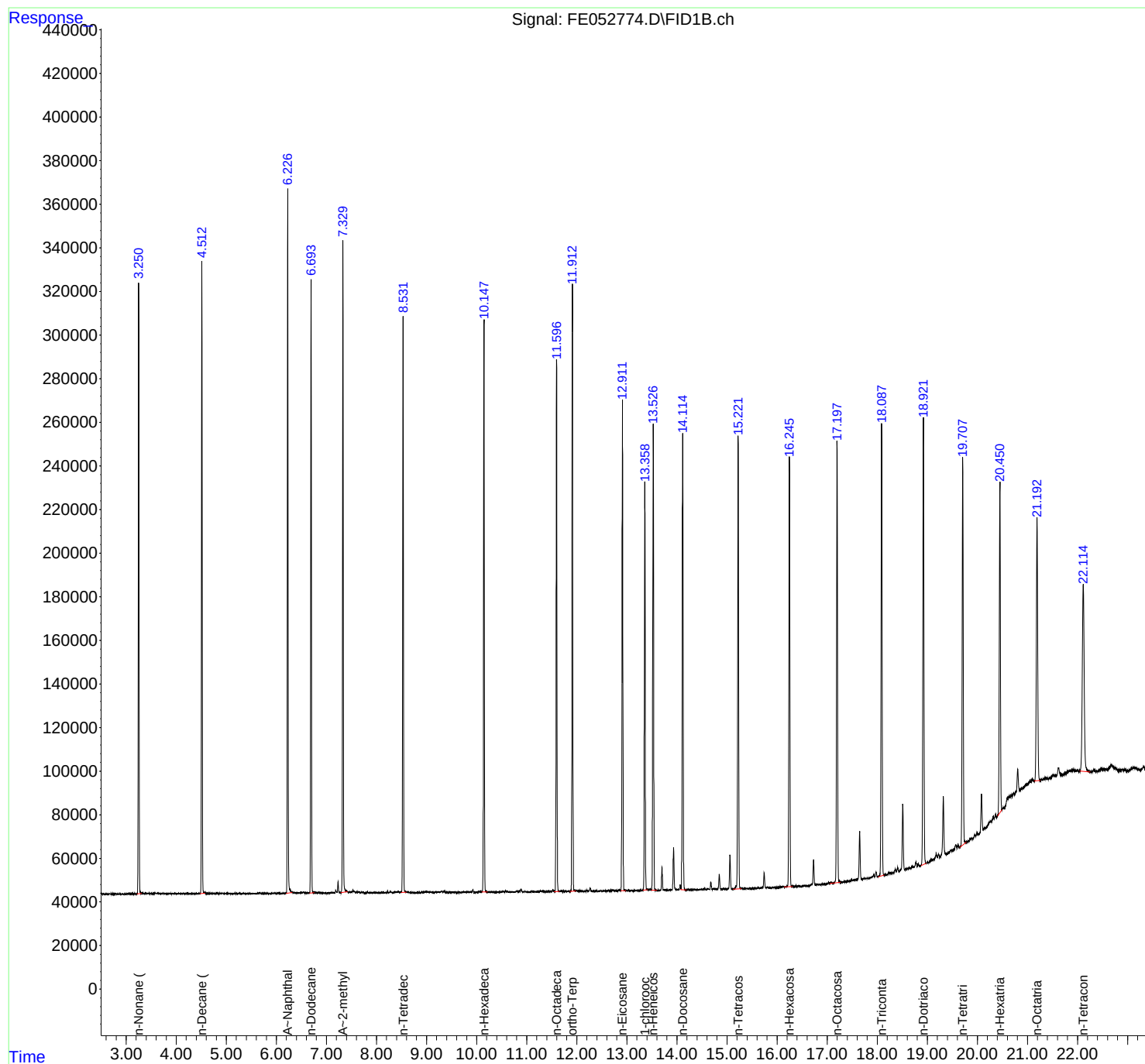
(m)=manual int.

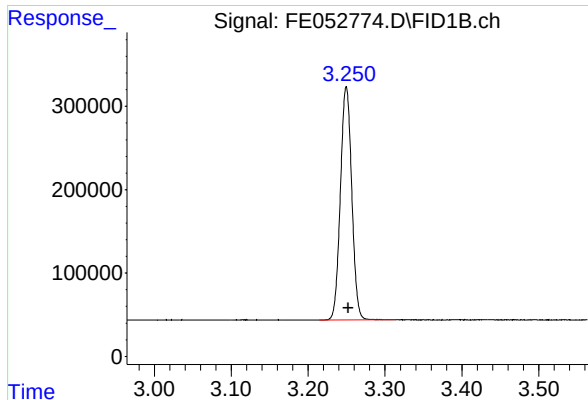
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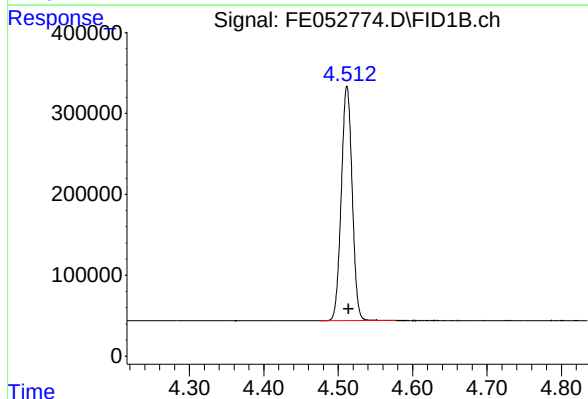




#1 n-Nonane (C9)

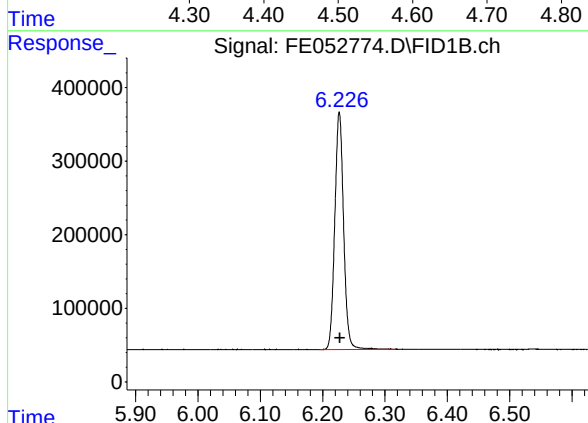
R.T.: 3.250 min
Delta R.T.: -0.002 min
Response: 2861138
Conc: 18.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



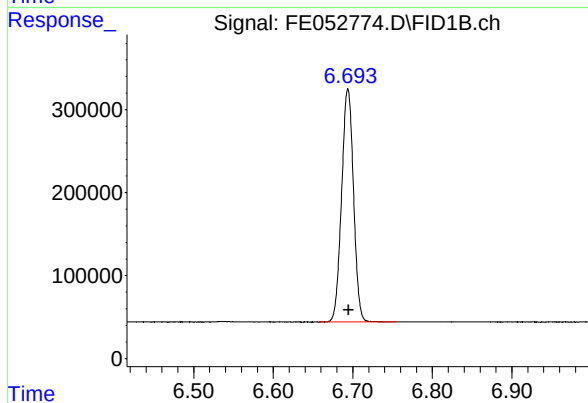
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 2950690
Conc: 18.78 ug/ml



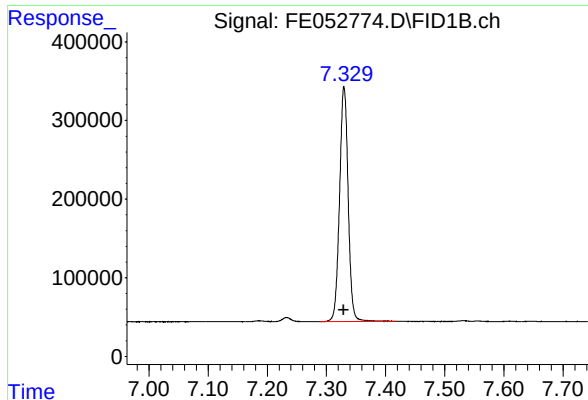
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.001 min
Response: 3172002
Conc: 18.70 ug/ml



#4 n-Dodecane (C12)

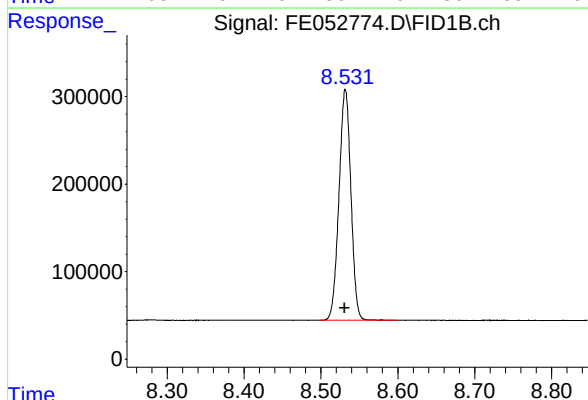
R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 2924042
Conc: 18.78 ug/ml



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

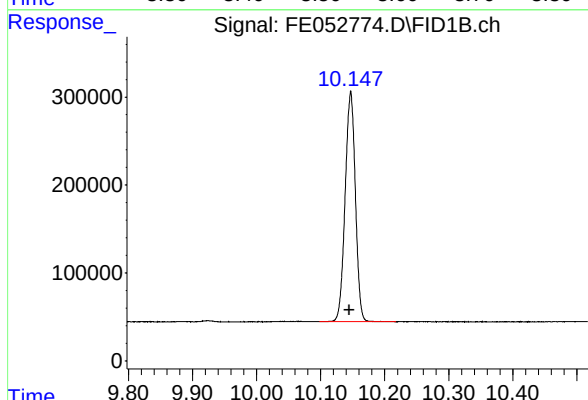
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 3024844
Conc: 18.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



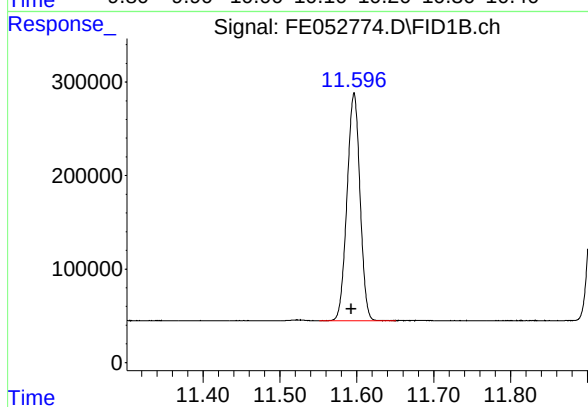
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: 0.000 min
Response: 2837920
Conc: 18.76 ug/ml



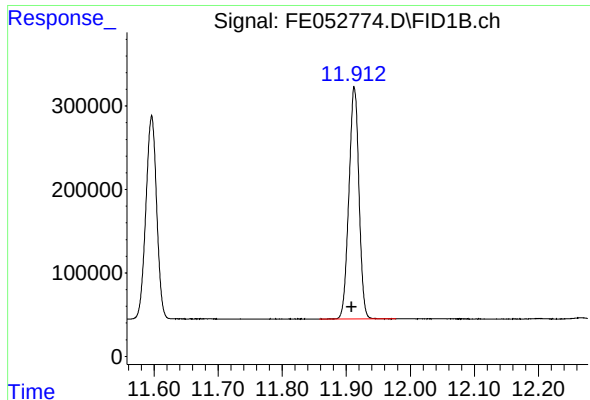
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: 0.002 min
Response: 2885132
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

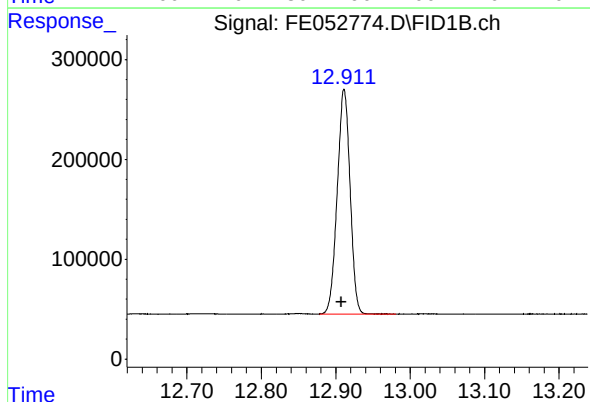
R.T.: 11.596 min
Delta R.T.: 0.003 min
Response: 2849548
Conc: 18.73 ug/ml



#9 ortho-Terphenyl (SURR)

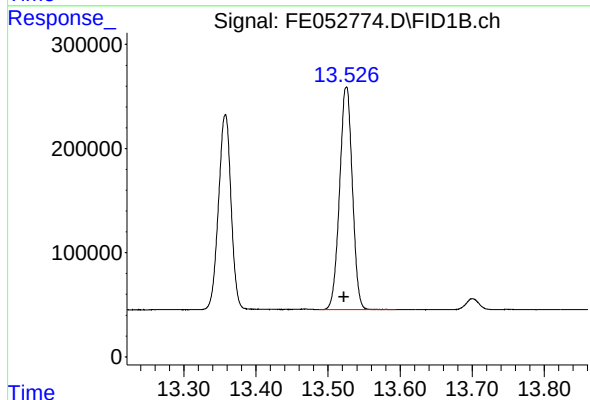
R.T.: 11.913 min
Delta R.T.: 0.004 min
Response: 3028620
Conc: 17.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



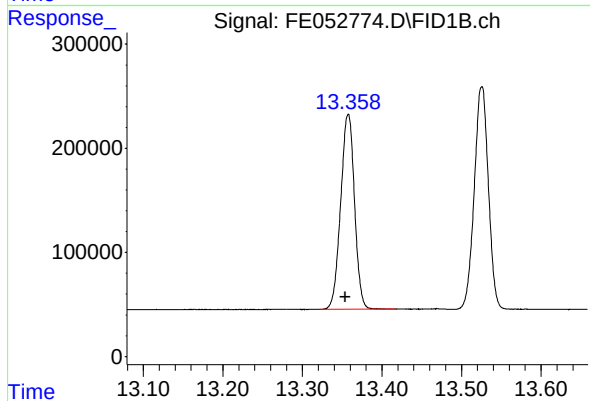
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.004 min
Response: 2701068
Conc: 18.61 ug/ml



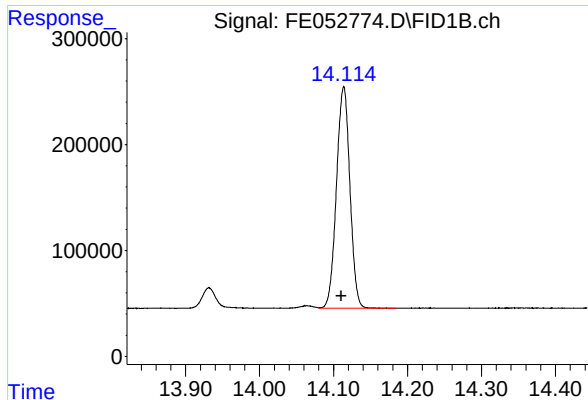
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.003 min
Response: 2635309
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

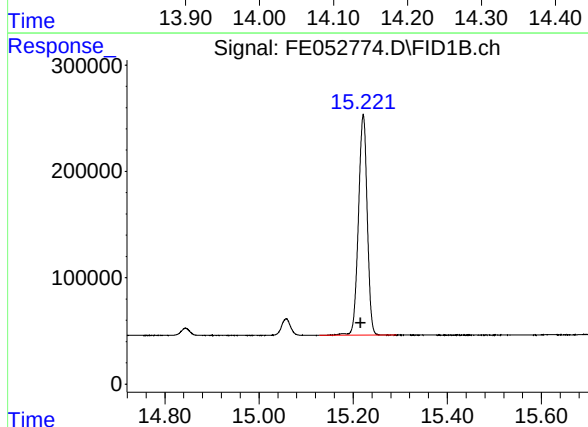
R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 2265357
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

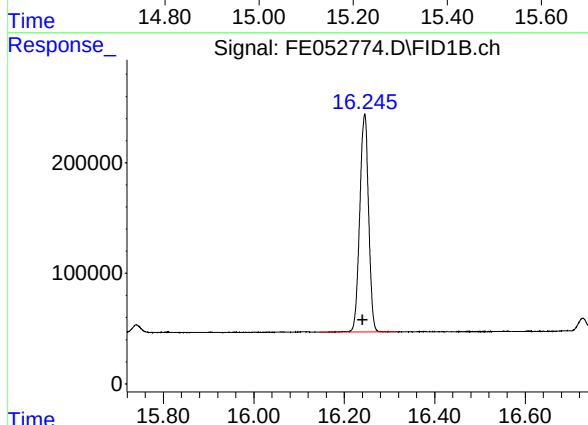
R.T.: 14.114 min
Delta R.T.: 0.003 min
Response: 2637269
Conc: 18.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



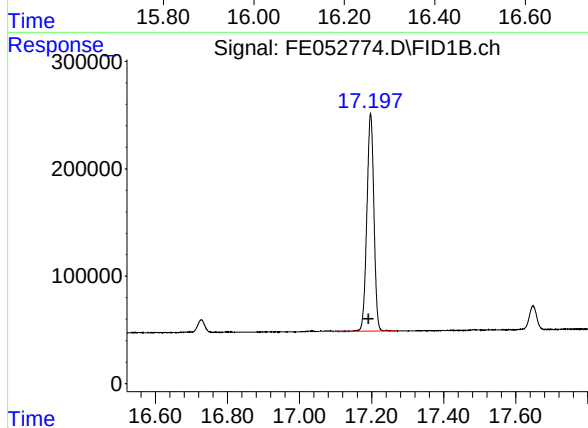
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: 0.005 min
Response: 2689527
Conc: 18.79 ug/ml



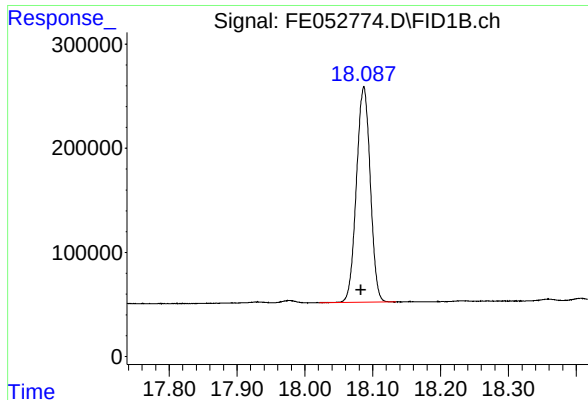
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.004 min
Response: 2677774
Conc: 18.83 ug/ml



#16 n-Octacosane (C28)

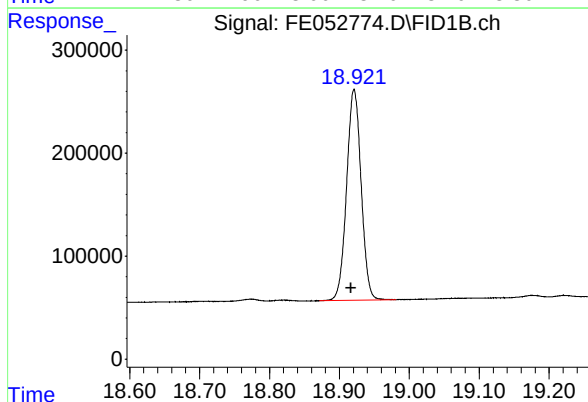
R.T.: 17.197 min
Delta R.T.: 0.005 min
Response: 2749038
Conc: 19.33 ug/ml



#17 n-Tricontane (C30)

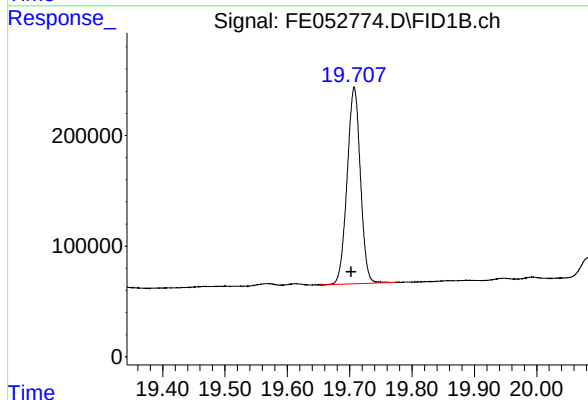
R.T.: 18.087 min
Delta R.T.: 0.004 min
Response: 2943182
Conc: 19.93 ug/ml

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20 PPM ALIPHATIC HC STD



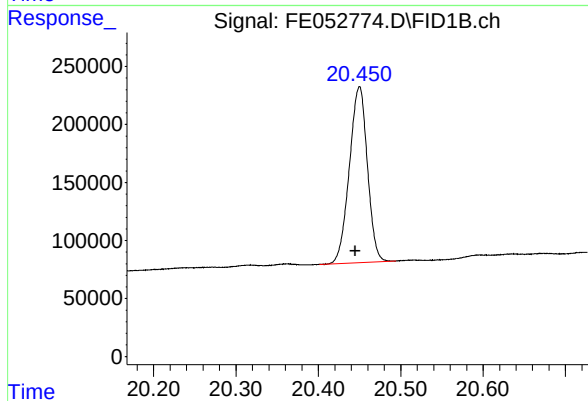
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: 0.004 min
Response: 2956081
Conc: 20.36 ug/ml



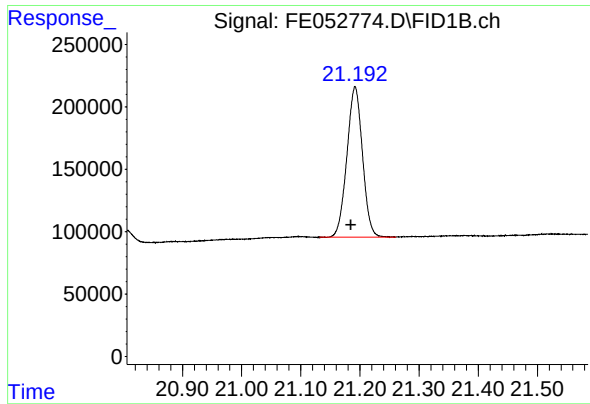
#19 n-Tetatriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.005 min
Response: 2625812
Conc: 19.48 ug/ml



#20 n-Hexatriacontane (C36)

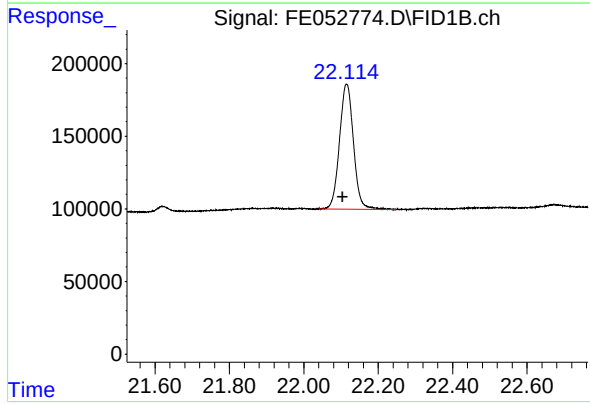
R.T.: 20.450 min
Delta R.T.: 0.005 min
Response: 2304182
Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: 0.007 min
Response: 2206023
Conc: 19.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: 0.011 min
Response: 2241343
Conc: 20.73 ug/ml