

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010225AL\
 Data File : FE051830.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jan 2025 18:24
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 03 03:49:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 01:16:25 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)	12.119	6793811	46.870 ug/ml
Spiked Amount 50.000		Recovery =	93.74%
12) S 1-chlorooctadecane (S...	13.548	5385223	46.865 ug/ml
Spiked Amount 50.000		Recovery =	93.73%
Target Compounds			
1) T n-Nonane (C9)	3.522	5197557	47.057 ug/ml
2) T n-Decane (C10)	4.766	5353800	47.049 ug/ml
3) T A~Naphthalene (C11.7)	6.470	5987088	46.944 ug/ml
4) T n-Dodecane (C12)	6.920	5527974	47.073 ug/ml
5) T A~2-methylnaphthalene...	7.561	5929873	47.380 ug/ml
6) T n-Tetradecane (C14)	8.744	5637426	47.019 ug/ml
7) T n-Hexadecane (C16)	10.350	6004809	46.923 ug/ml
8) T n-Octadecane (C18)	11.793	6237380	46.874 ug/ml
10) T n-Eicosane (C20)	13.103	6144857	46.701 ug/ml
11) T n-Heneicosane (C21)	13.714	6123119	46.591 ug/ml
13) T n-Docosane (C22)	14.300	6136308	46.775 ug/ml
14) T n-Tetracosane (C24)	15.404	6190331	46.735 ug/ml
15) T n-Hexacosane (C26)	16.424	6143493	46.821 ug/ml
16) T n-Octacosane (C28)	17.374	6044746	46.817 ug/ml
17) T n-Tricontane (C30)	18.261	6101707	46.415 ug/ml
18) T n-Dotriacontane (C32)	19.093	5870792	46.261 ug/ml
19) T n-Tetratriacontane (C34)	19.876	5128242	46.155 ug/ml
20) T n-Hexatriacontane (C36)	20.613	4546122	46.080 ug/ml
21) T n-Octatriacontane (C38)	21.397	4256687	45.245 ug/ml
22) T n-Tetracontane (C40)	22.390	4000789	43.462 ug/ml

(f)=RT Delta > 1/2 Window

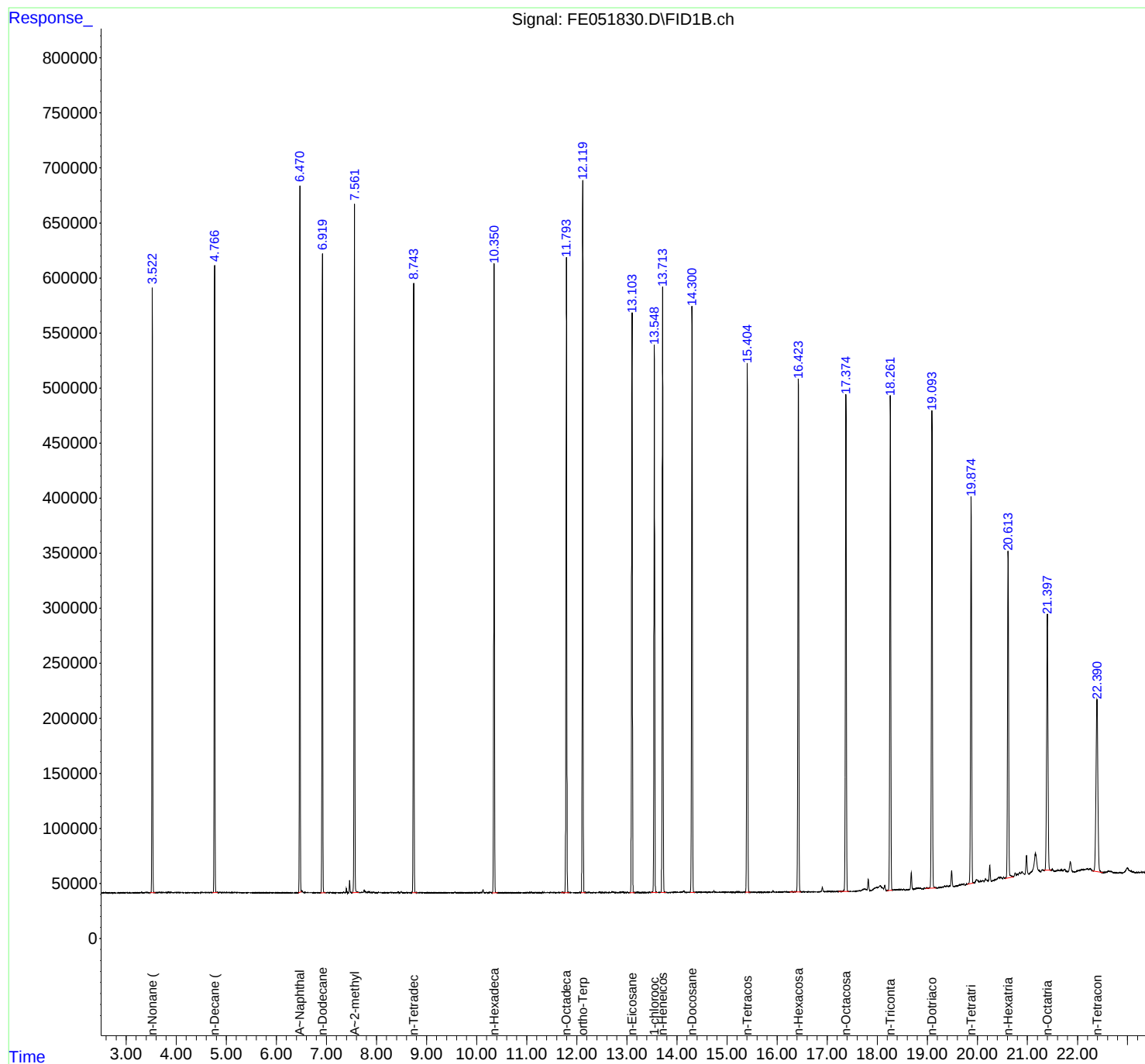
(m)=manual int.

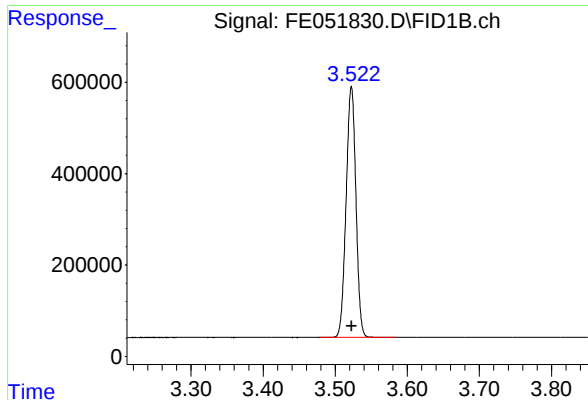
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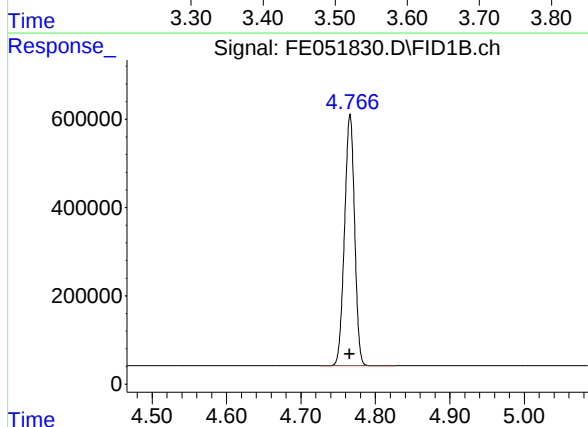




#1 n-Nonane (C9)

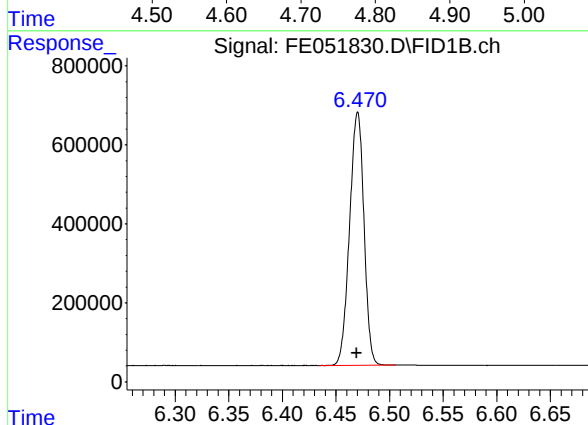
R.T.: 3.522 min
Delta R.T.: 0.000 min
Response: 5197557
Conc: 47.06 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



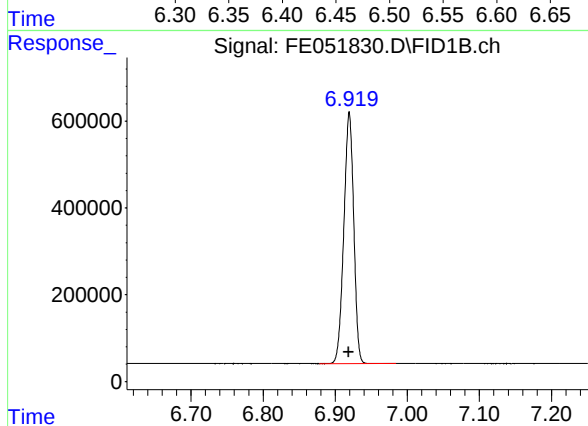
#2 n-Decane (C10)

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 5353800
Conc: 47.05 ug/ml



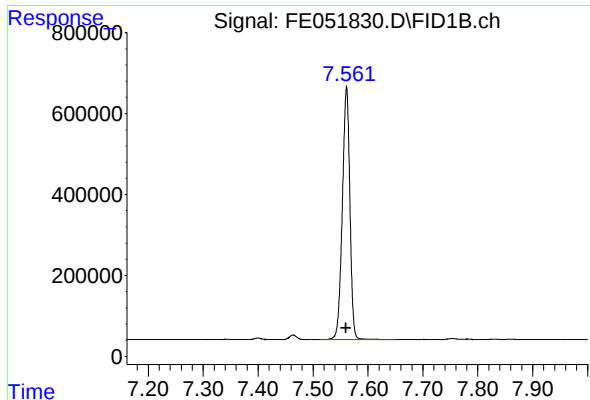
#3 A~Naphthalene (C11.7)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 5987088
Conc: 46.94 ug/ml



#4 n-Dodecane (C12)

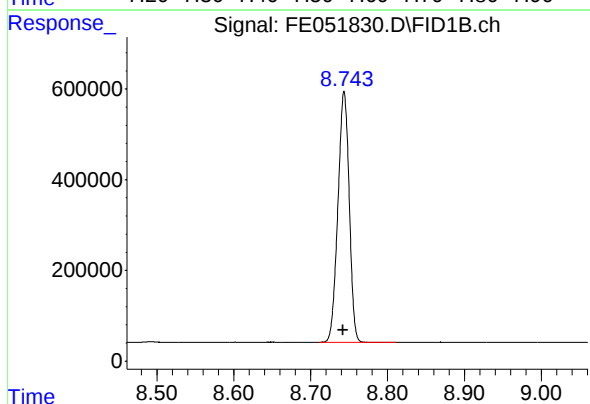
R.T.: 6.920 min
Delta R.T.: 0.001 min
Response: 5527974
Conc: 47.07 ug/ml



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

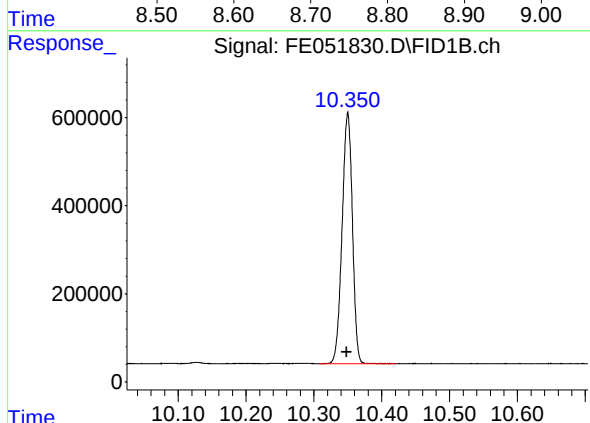
R.T.: 7.561 min
Delta R.T.: 0.001 min
Response: 5929873
Conc: 47.38 ug/ml

Instrument :
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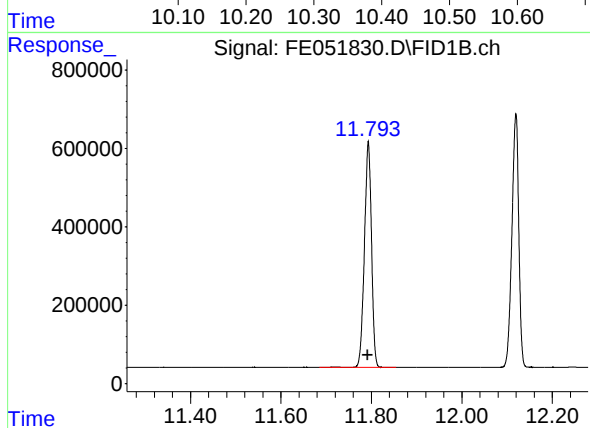
#6 n-Tetradecane (C14)

R.T.: 8.744 min
Delta R.T.: 0.001 min
Response: 5637426
Conc: 47.02 ug/ml



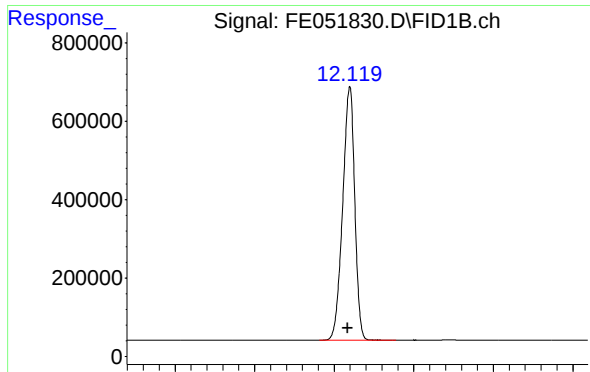
#7 n-Hexadecane (C16)

R.T.: 10.350 min
Delta R.T.: 0.002 min
Response: 6004809
Conc: 46.92 ug/ml



#8 n-Octadecane (C18)

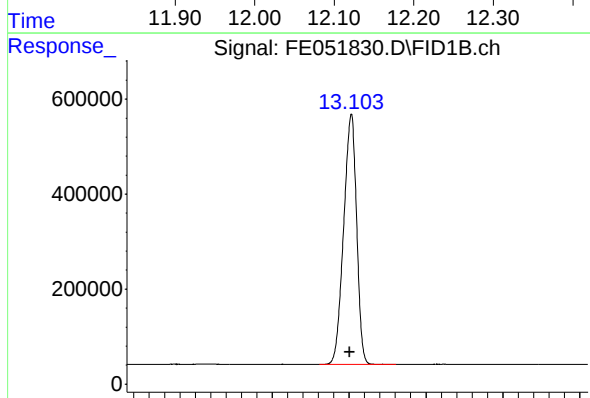
R.T.: 11.793 min
Delta R.T.: 0.002 min
Response: 6237380
Conc: 46.87 ug/ml



#9 ortho-Terphenyl (SURR)

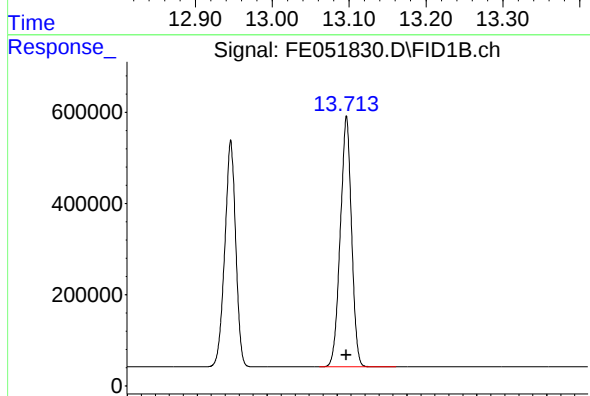
R.T.: 12.119 min
Delta R.T.: 0.002 min
Response: 6793811
Conc: 46.87 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



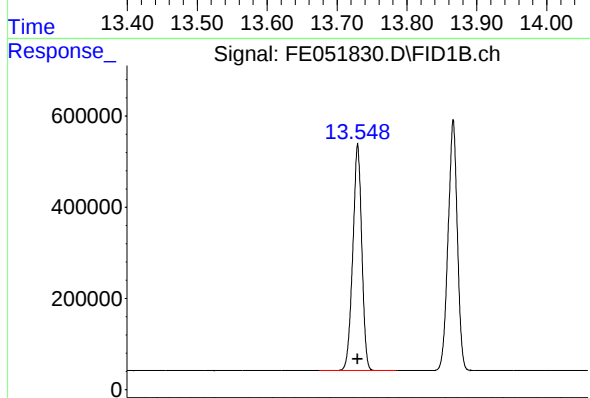
#10 n-Eicosane (C20)

R.T.: 13.103 min
Delta R.T.: 0.002 min
Response: 6144857
Conc: 46.70 ug/ml



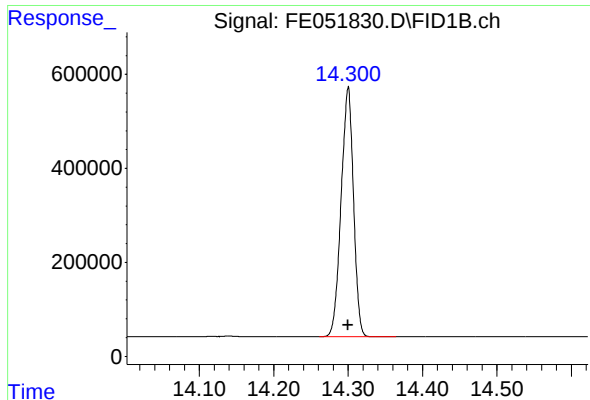
#11 n-Heneicosane (C21)

R.T.: 13.714 min
Delta R.T.: 0.000 min
Response: 6123119
Conc: 46.59 ug/ml



#12 1-chlorooctadecane (SURR)

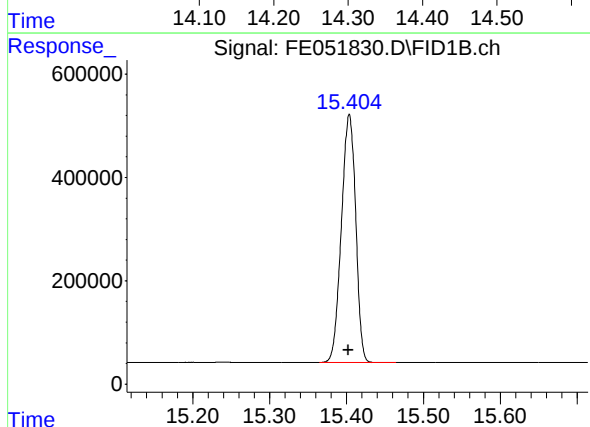
R.T.: 13.548 min
Delta R.T.: 0.000 min
Response: 5385223
Conc: 46.86 ug/ml



#13 n-Docosane (C22)

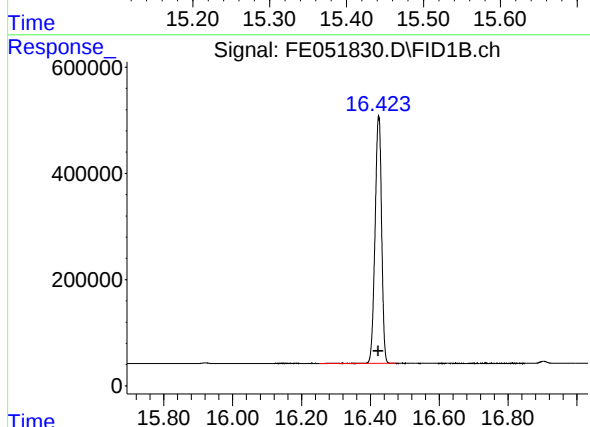
R.T.: 14.300 min
Delta R.T.: 0.000 min
Response: 6136308
Conc: 46.77 ug/ml

Instrument :
FID_E
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50 PPM ALIPHATIC HC STD2



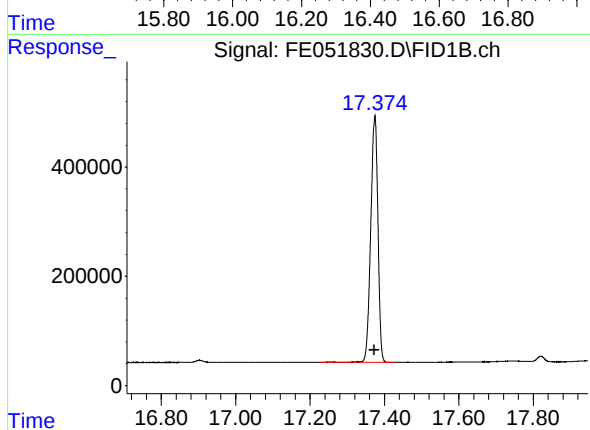
#14 n-Tetracosane (C24)

R.T.: 15.404 min
Delta R.T.: 0.001 min
Response: 6190331
Conc: 46.73 ug/ml



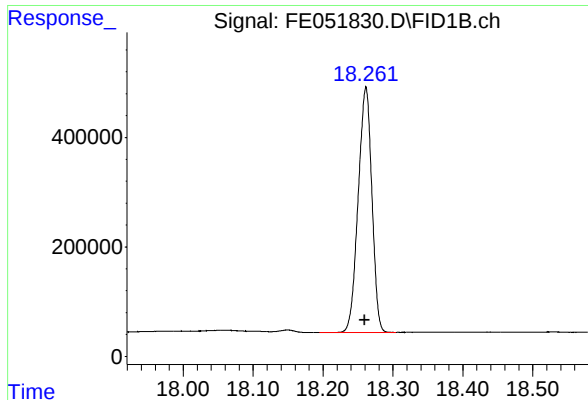
#15 n-Hexacosane (C26)

R.T.: 16.424 min
Delta R.T.: 0.001 min
Response: 6143493
Conc: 46.82 ug/ml



#16 n-Octacosane (C28)

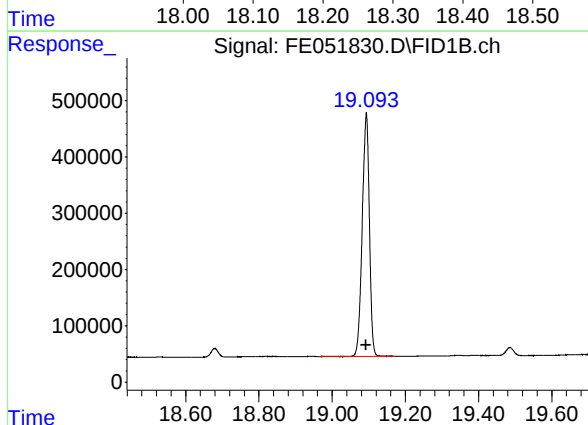
R.T.: 17.374 min
Delta R.T.: 0.000 min
Response: 6044746
Conc: 46.82 ug/ml



#17 n-Tricontane (C30)

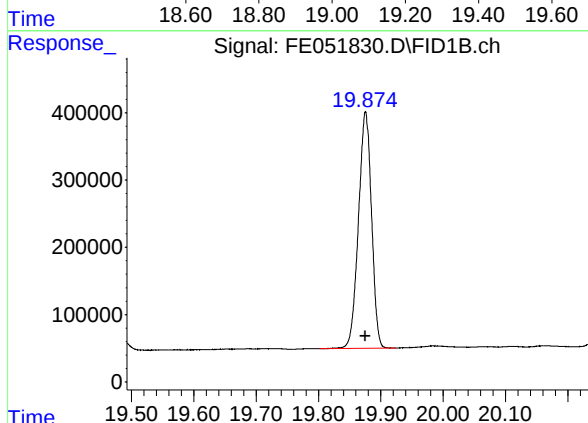
R.T.: 18.261 min
Delta R.T.: 0.002 min
Response: 6101707
Conc: 46.41 ug/ml

Instrument :
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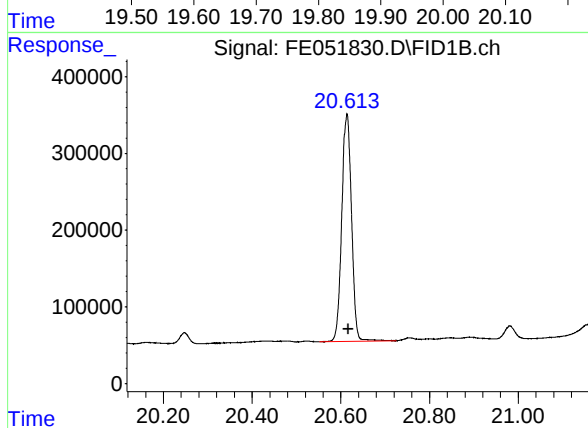
#18 n-Dotriacontane (C32)

R.T.: 19.093 min
Delta R.T.: 0.000 min
Response: 5870792
Conc: 46.26 ug/ml



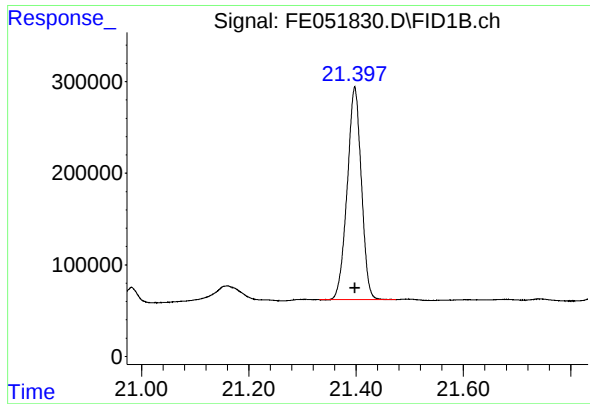
#19 n-Tetratriacontane (C34)

R.T.: 19.876 min
Delta R.T.: 0.000 min
Response: 5128242
Conc: 46.15 ug/ml



#20 n-Hexatriacontane (C36)

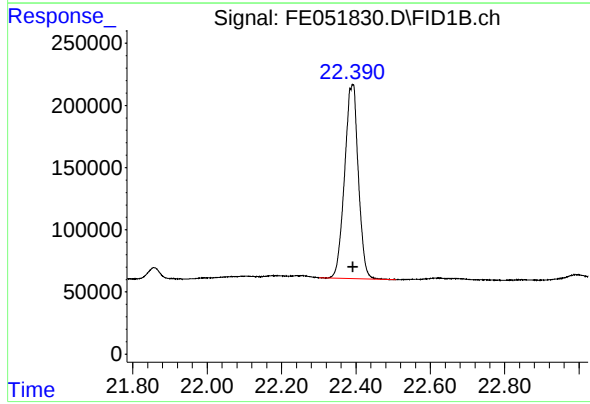
R.T.: 20.613 min
Delta R.T.: -0.003 min
Response: 4546122
Conc: 46.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: 0.000 min
Response: 4256687
Conc: 45.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.390 min
Delta R.T.: -0.002 min
Response: 4000789
Conc: 43.46 ug/ml