

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052023AL\
 Data File : FF012672.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2023 23:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 21 02:53:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:25:00 2023
 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)	10.909	3010352	18.794 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
12) S 1-chlorooctadecane (S...	12.340	2236708	18.925 ug/ml
Spiked Amount 50.000		Recovery =	37.85%
Target Compounds			
1) T n-Nonane (C9)	2.767	2456567	18.772 ug/ml
2) T n-Decane (C10)	3.777	2525782	18.906 ug/ml
3) T A~Naphthalene (C11.7)	5.343	2594696	18.416 ug/ml
4) T n-Dodecane (C12)	5.763	2550796	18.845 ug/ml
5) T A~2-methylnaphthalene...	6.392	2408352	18.146 ug/ml
6) T n-Tetradecane (C14)	7.552	2507416	18.741 ug/ml
7) T n-Hexadecane (C16)	9.149	2596661	18.757 ug/ml
8) T n-Octadecane (C18)	10.588	2680736	18.832 ug/ml
10) T n-Eicosane (C20)	11.895	2602470	18.924 ug/ml
11) T n-Heneicosane (C21)	12.507	2561302	18.939 ug/ml
13) T n-Docosane (C22)	13.092	2533954	18.929 ug/ml
14) T n-Tetracosane (C24)	14.192	2487350	18.917 ug/ml
15) T n-Hexacosane (C26)	15.212	2405197	18.917 ug/ml
16) T n-Octacosane (C28)	16.161	2322208	18.888 ug/ml
17) T n-Tricontane (C30)	17.046	2342509	18.974 ug/ml
18) T n-Dotriacontane (C32)	17.877	2302358	19.029 ug/ml
19) T n-Tetratriacontane (C34)	18.660	2195219	18.764 ug/ml
20) T n-Hexatriacontane (C36)	19.399	2168034	19.243 ug/ml
21) T n-Octatriacontane (C38)	20.128	2140583	19.218 ug/ml
22) T n-Tetracontane (C40)	21.022	2088561	18.927 ug/ml

(f)=RT Delta > 1/2 Window

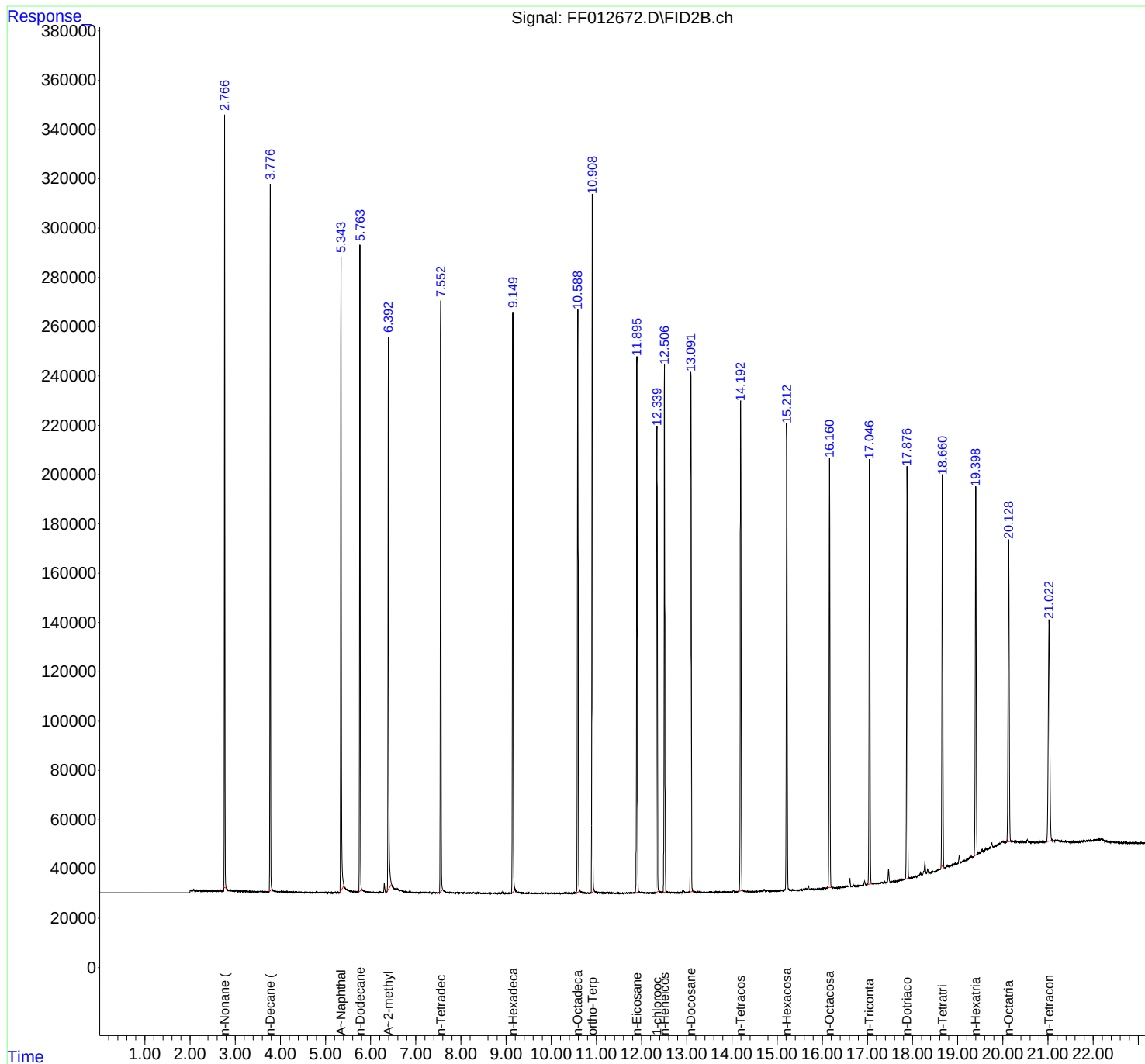
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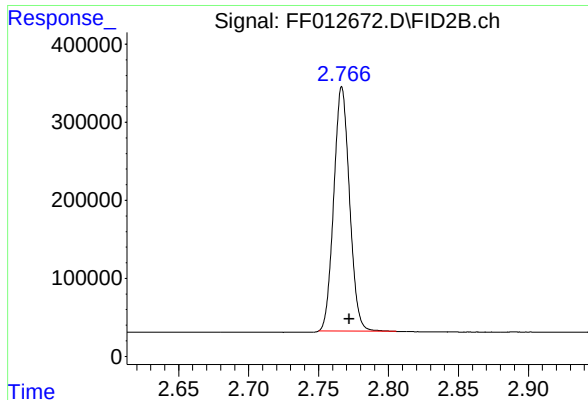
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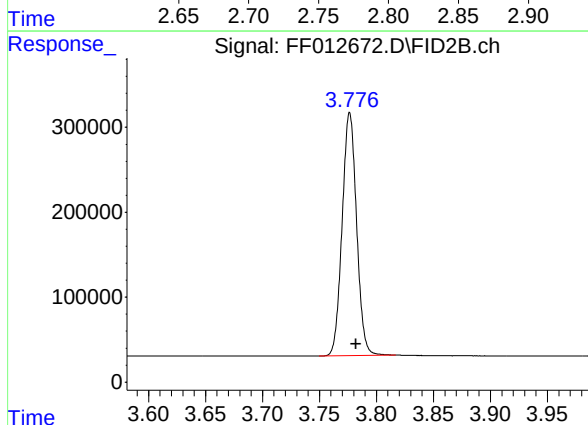




#1 n-Nonane (C9)

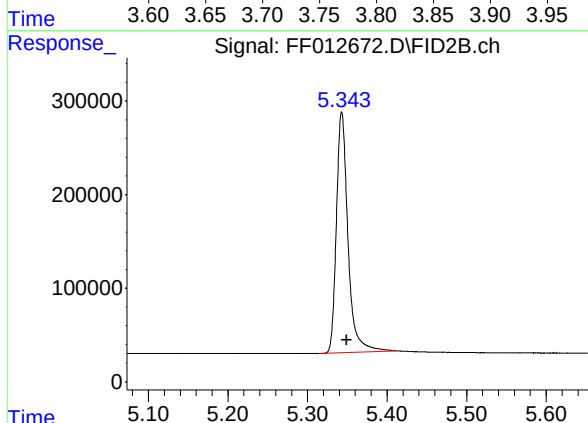
R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 2456567
Conc: 18.77 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



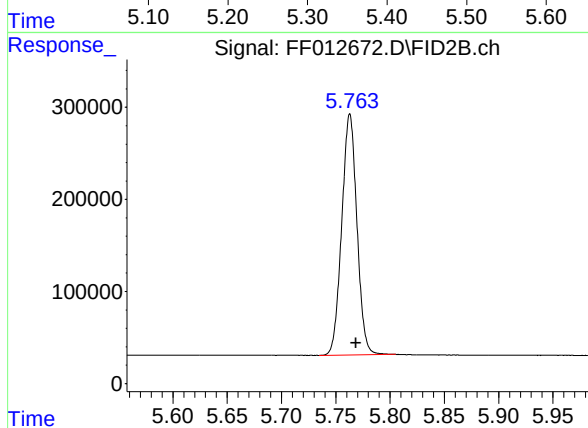
#2 n-Decane (C10)

R.T.: 3.777 min
Delta R.T.: -0.005 min
Response: 2525782
Conc: 18.91 ug/ml



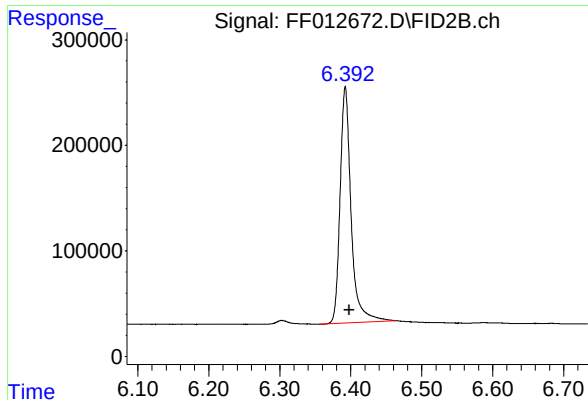
#3 A~Naphthalene (C11.7)

R.T.: 5.343 min
Delta R.T.: -0.006 min
Response: 2594696
Conc: 18.42 ug/ml



#4 n-Dodecane (C12)

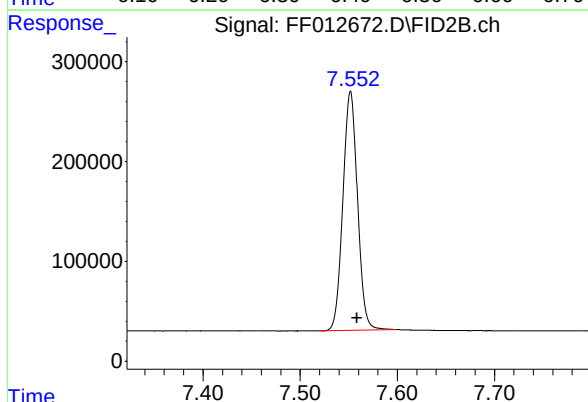
R.T.: 5.763 min
Delta R.T.: -0.006 min
Response: 2550796
Conc: 18.84 ug/ml



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

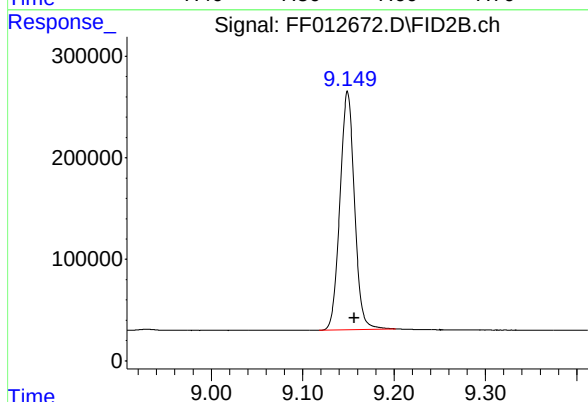
R.T.: 6.392 min
Delta R.T.: -0.006 min
Response: 2408352
Conc: 18.15 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



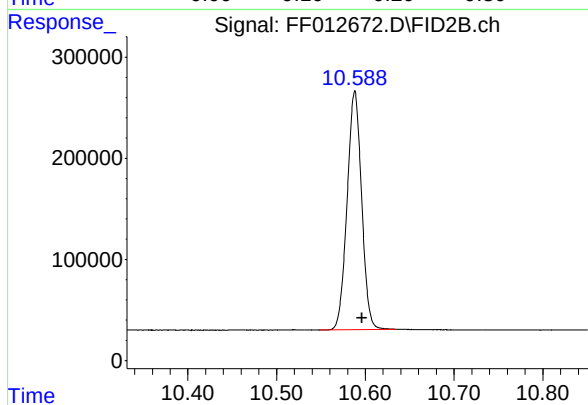
#6 n-Tetradecane (C14)

R.T.: 7.552 min
Delta R.T.: -0.006 min
Response: 2507416
Conc: 18.74 ug/ml



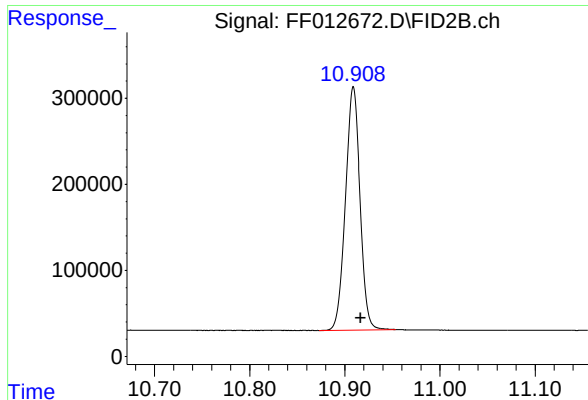
#7 n-Hexadecane (C16)

R.T.: 9.149 min
Delta R.T.: -0.007 min
Response: 2596661
Conc: 18.76 ug/ml



#8 n-Octadecane (C18)

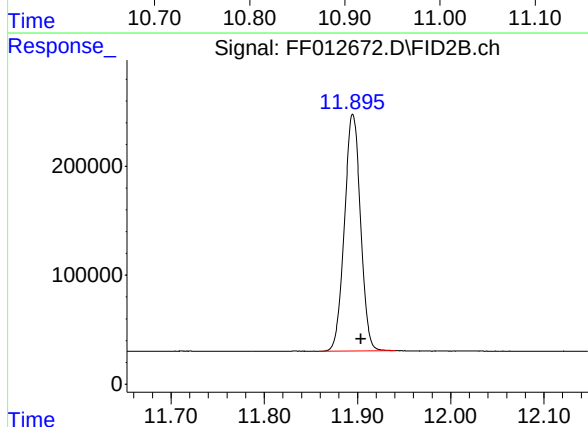
R.T.: 10.588 min
Delta R.T.: -0.008 min
Response: 2680736
Conc: 18.83 ug/ml



#9 ortho-Terphenyl (SURR)

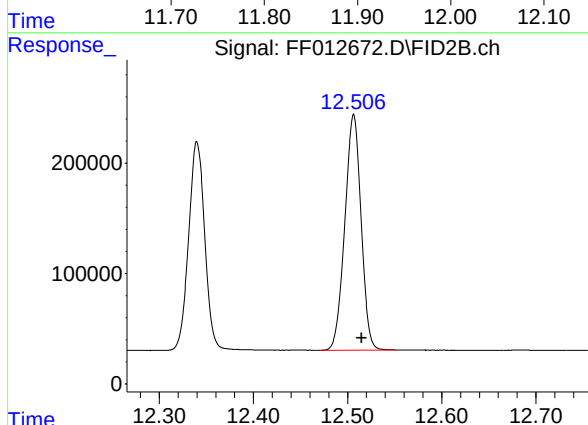
R.T.: 10.909 min
Delta R.T.: -0.008 min
Response: 3010352
Conc: 18.79 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



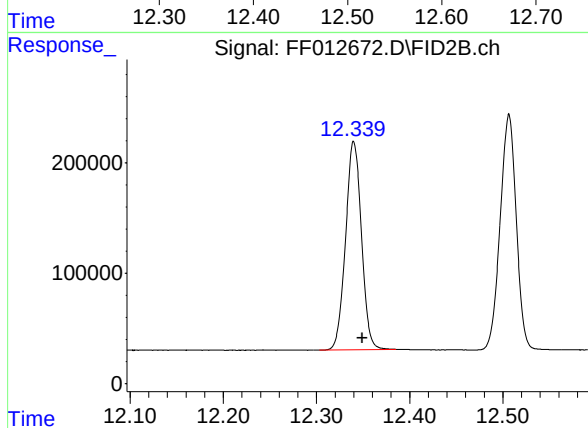
#10 n-Eicosane (C20)

R.T.: 11.895 min
Delta R.T.: -0.009 min
Response: 2602470
Conc: 18.92 ug/ml



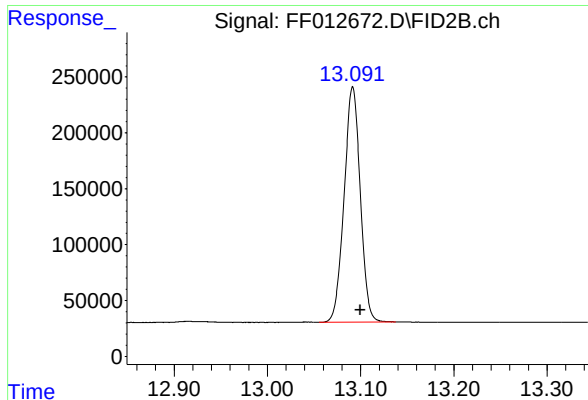
#11 n-Heneicosane (C21)

R.T.: 12.507 min
Delta R.T.: -0.008 min
Response: 2561302
Conc: 18.94 ug/ml



#12 1-chlorooctadecane (SURR)

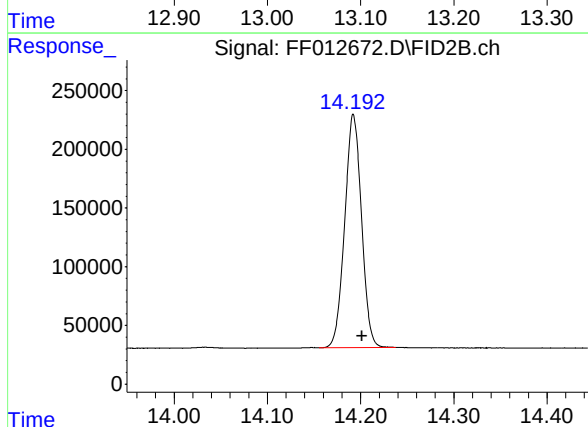
R.T.: 12.340 min
Delta R.T.: -0.009 min
Response: 2236708
Conc: 18.93 ug/ml



#13 n-Docosane (C22)

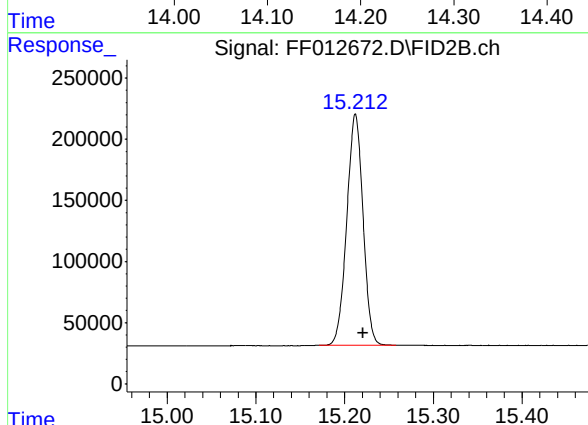
R.T.: 13.092 min
Delta R.T.: -0.008 min
Response: 2533954
Conc: 18.93 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



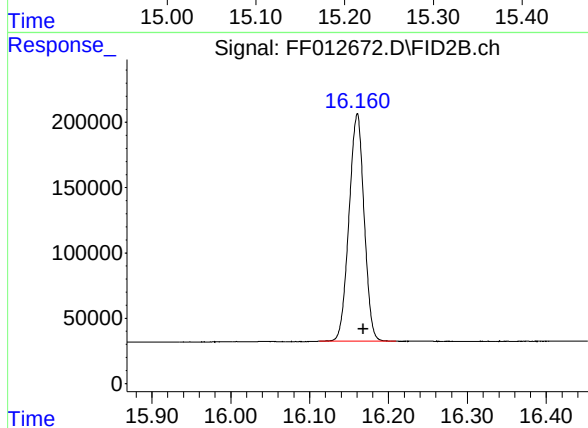
#14 n-Tetracosane (C24)

R.T.: 14.192 min
Delta R.T.: -0.009 min
Response: 2487350
Conc: 18.92 ug/ml



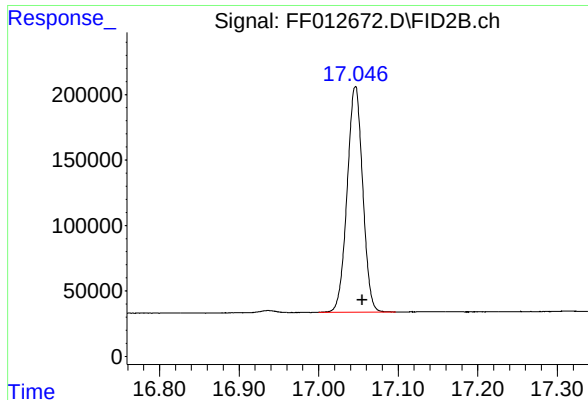
#15 n-Hexacosane (C26)

R.T.: 15.212 min
Delta R.T.: -0.009 min
Response: 2405197
Conc: 18.92 ug/ml



#16 n-Octacosane (C28)

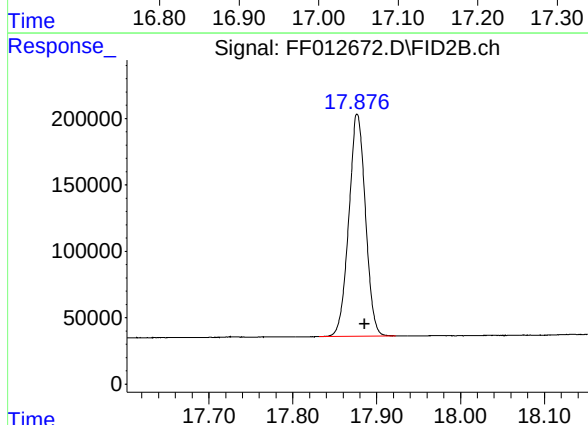
R.T.: 16.161 min
Delta R.T.: -0.008 min
Response: 2322208
Conc: 18.89 ug/ml



#17 n-Tricontane (C30)

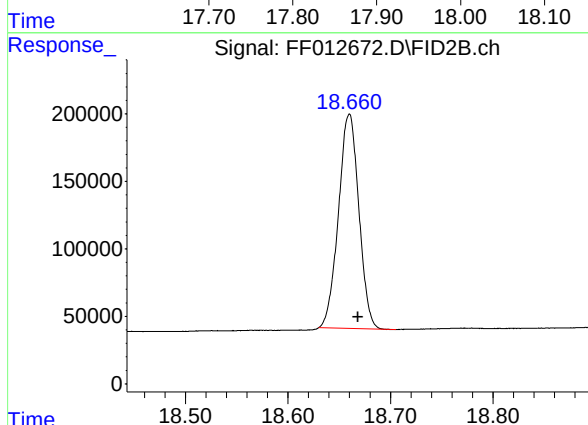
R.T.: 17.046 min
Delta R.T.: -0.009 min
Response: 2342509
Conc: 18.97 ug/ml

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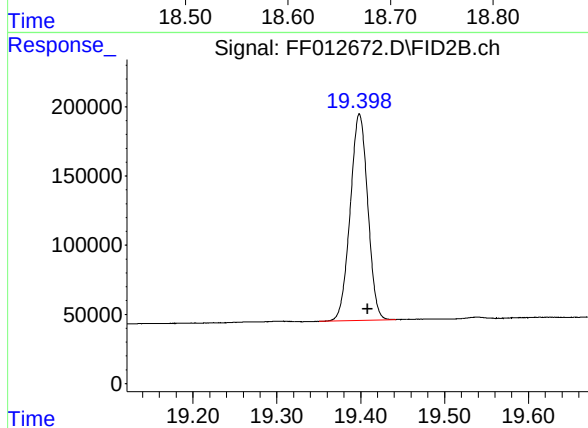
#18 n-Dotriacontane (C32)

R.T.: 17.877 min
Delta R.T.: -0.009 min
Response: 2302358
Conc: 19.03 ug/ml



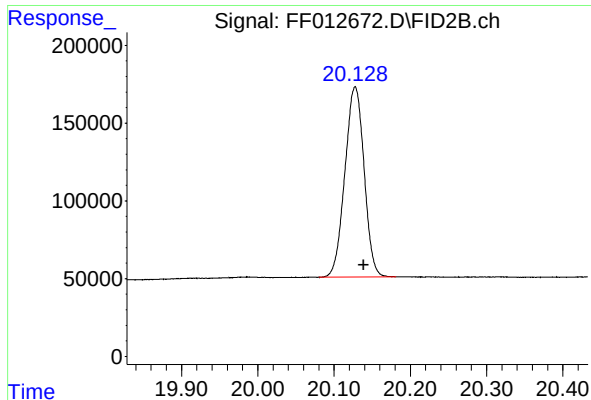
#19 n-Tetatriacontane (C34)

R.T.: 18.660 min
Delta R.T.: -0.008 min
Response: 2195219
Conc: 18.76 ug/ml



#20 n-Hexatriacontane (C36)

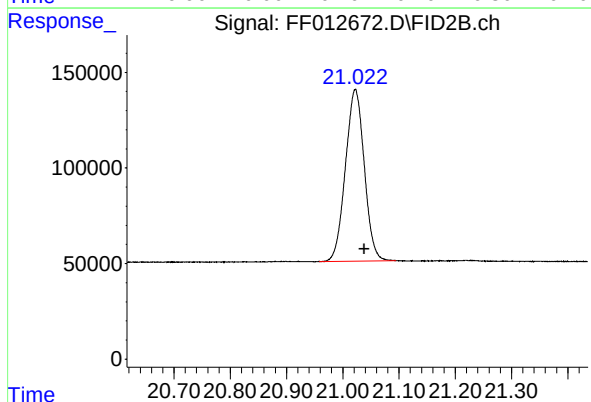
R.T.: 19.399 min
Delta R.T.: -0.010 min
Response: 2168034
Conc: 19.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.128 min
Delta R.T.: -0.011 min
Response: 2140583
Conc: 19.22 ug/ml

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FID_F
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.022 min
Delta R.T.: -0.016 min
Response: 2088561
Conc: 18.93 ug/ml