

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052223AL\
 Data File : FF012693.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2023 22:35
 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 23 03:20:18 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)	10.906	3061634	19.114 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
12) S 1-chlorooctadecane (S...	12.336	2271093	19.216 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T n-Nonane (C9)	2.766	2476447	18.924 ug/ml
2) T n-Decane (C10)	3.775	2552779	19.108 ug/ml
3) T A~Naphthalene (C11.7)	5.341	2614982	18.560 ug/ml
4) T n-Dodecane (C12)	5.761	2576000	19.031 ug/ml
5) T A~2-methylnaphthalene...	6.390	2444127	18.416 ug/ml
6) T n-Tetradecane (C14)	7.550	2537811	18.968 ug/ml
7) T n-Hexadecane (C16)	9.147	2626548	18.973 ug/ml
8) T n-Octadecane (C18)	10.586	2724567	19.140 ug/ml
10) T n-Eicosane (C20)	11.891	2646603	19.245 ug/ml
11) T n-Heneicosane (C21)	12.502	2604332	19.257 ug/ml
13) T n-Docosane (C22)	13.087	2571719	19.211 ug/ml
14) T n-Tetracosane (C24)	14.187	2530609	19.246 ug/ml
15) T n-Hexacosane (C26)	15.207	2448383	19.256 ug/ml
16) T n-Octacosane (C28)	16.155	2373813	19.308 ug/ml
17) T n-Tricontane (C30)	17.039	2421564	19.615 ug/ml
18) T n-Dotriacontane (C32)	17.872	2388634	19.742 ug/ml
19) T n-Tetratriacontane (C34)	18.653	2302582	19.681 ug/ml
20) T n-Hexatriacontane (C36)	19.392	2207081	19.589 ug/ml
21) T n-Octatriacontane (C38)	20.119	2149974	19.302 ug/ml
22) T n-Tetracontane (C40)	21.013	2077589	18.828 ug/ml

(f)=RT Delta > 1/2 Window

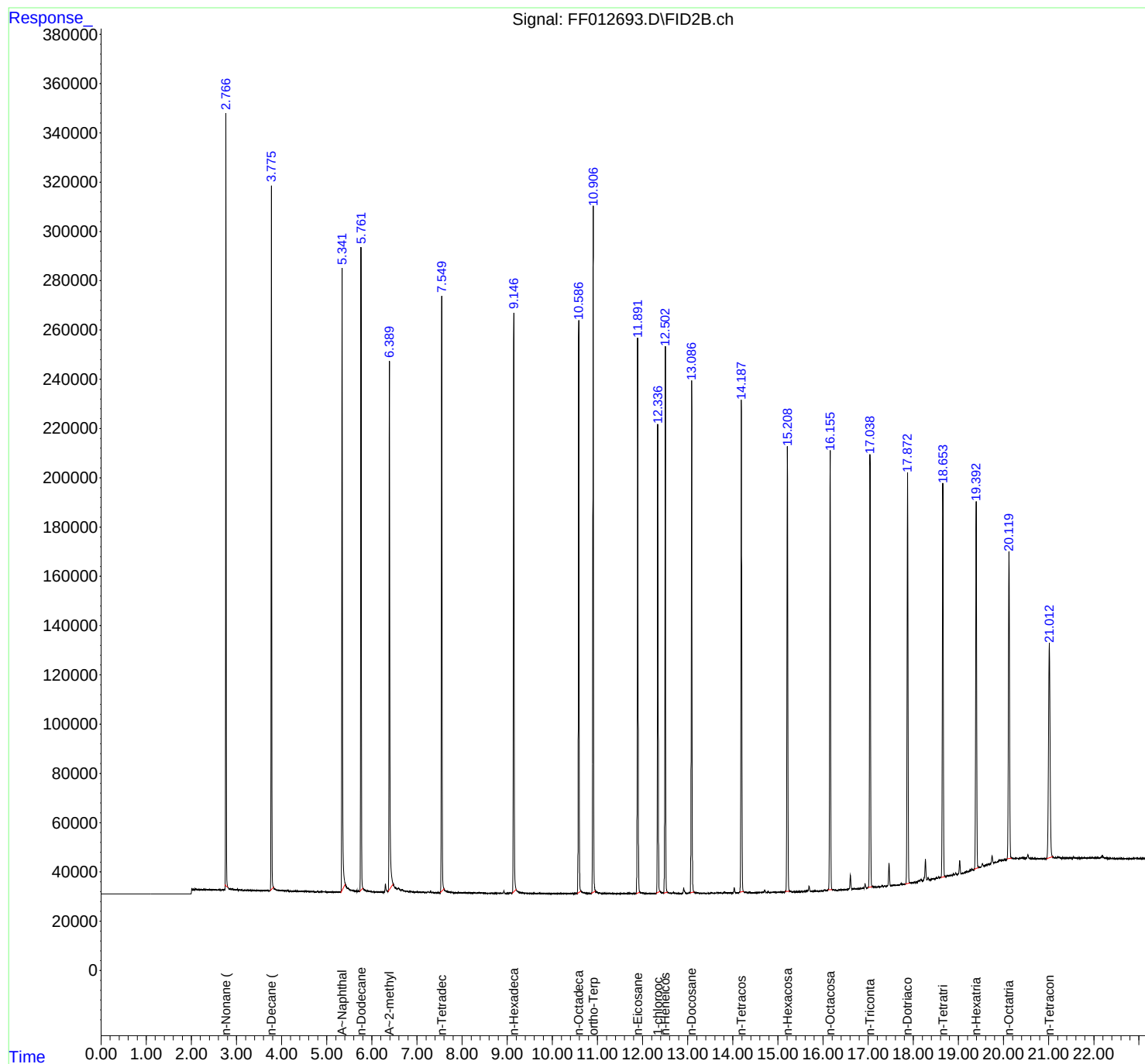
(m)=manual int.

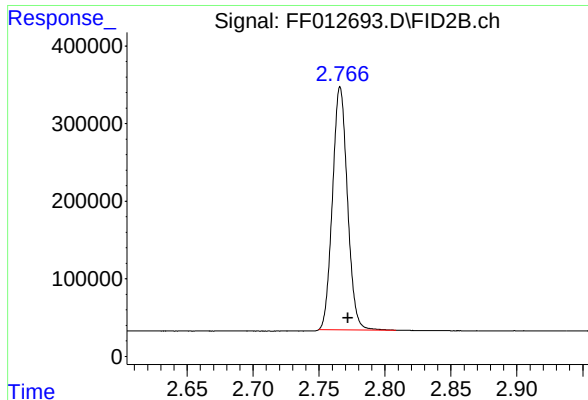
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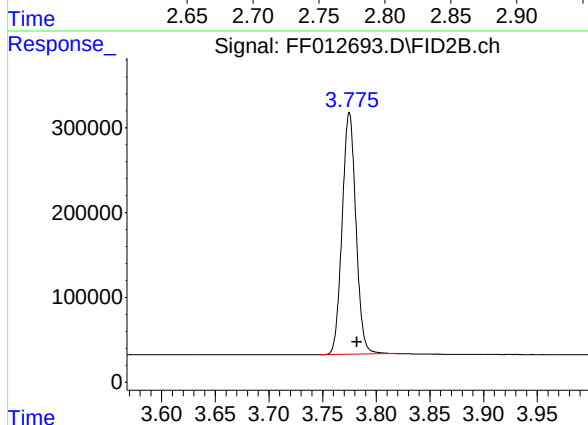




#1 n-Nonane (C9)

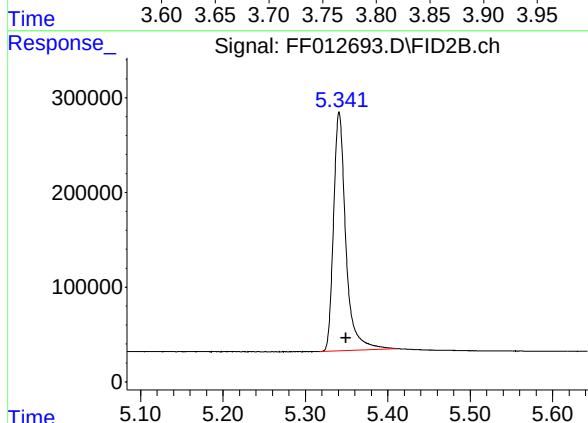
R.T.: 2.766 min
Delta R.T.: -0.006 min
Response: 2476447
Conc: 18.92 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



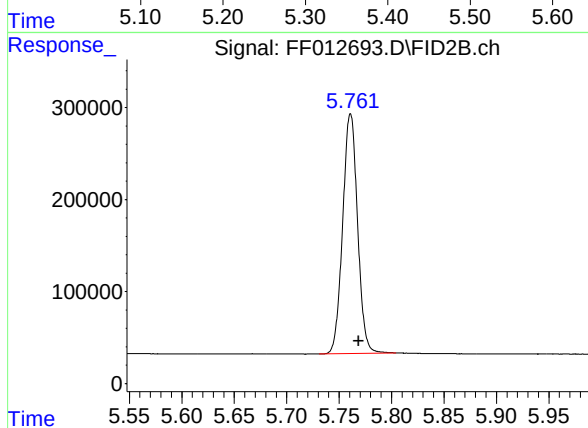
#2 n-Decane (C10)

R.T.: 3.775 min
Delta R.T.: -0.007 min
Response: 2552779
Conc: 19.11 ug/ml



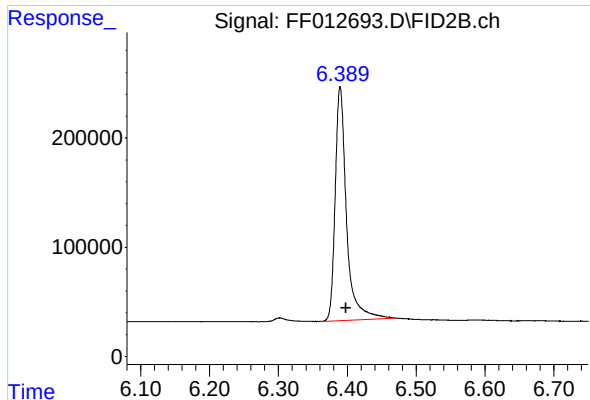
#3 A~Naphthalene (C11.7)

R.T.: 5.341 min
Delta R.T.: -0.008 min
Response: 2614982
Conc: 18.56 ug/ml



#4 n-Dodecane (C12)

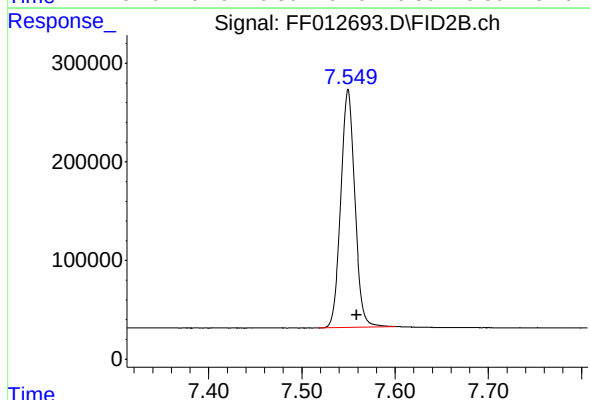
R.T.: 5.761 min
Delta R.T.: -0.008 min
Response: 2576000
Conc: 19.03 ug/ml



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

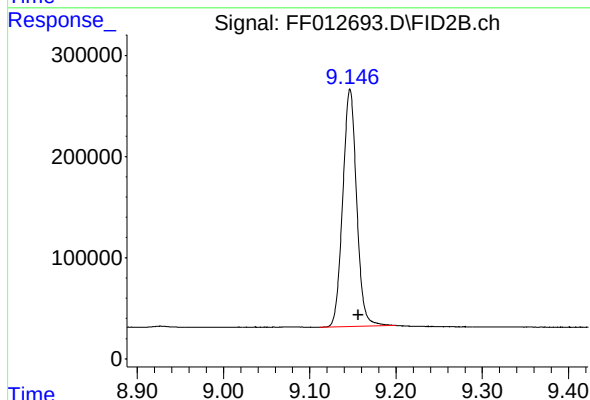
R.T.: 6.390 min
Delta R.T.: -0.008 min
Response: 2444127
Conc: 18.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



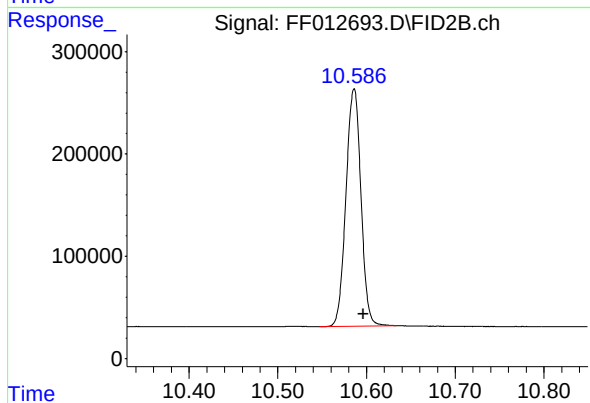
#6 n-Tetradecane (C14)

R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 2537811
Conc: 18.97 ug/ml



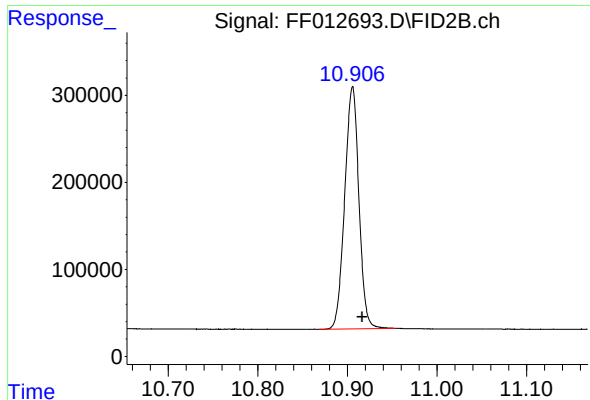
#7 n-Hexadecane (C16)

R.T.: 9.147 min
Delta R.T.: -0.010 min
Response: 2626548
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

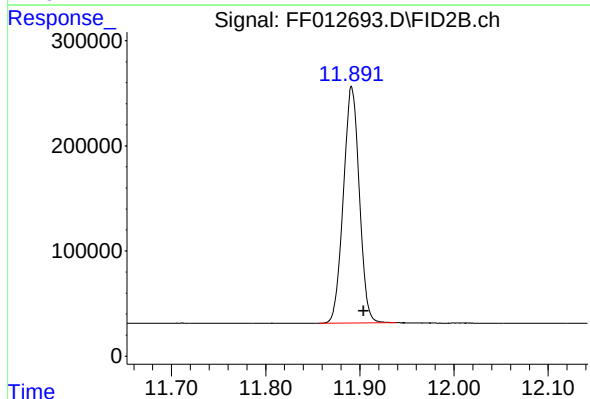
R.T.: 10.586 min
Delta R.T.: -0.010 min
Response: 2724567
Conc: 19.14 ug/ml



#9 ortho-Terphenyl (SURR)

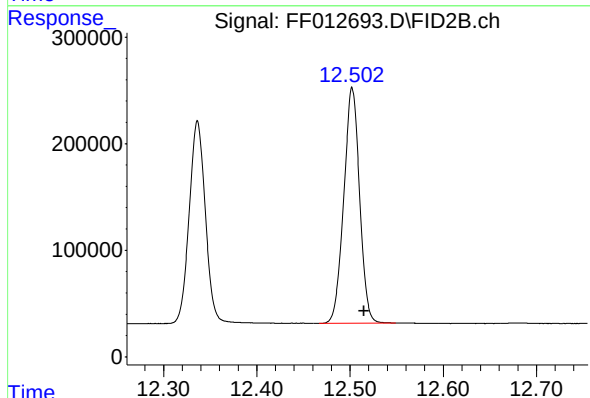
R.T.: 10.906 min
Delta R.T.: -0.011 min
Response: 3061634
Conc: 19.11 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



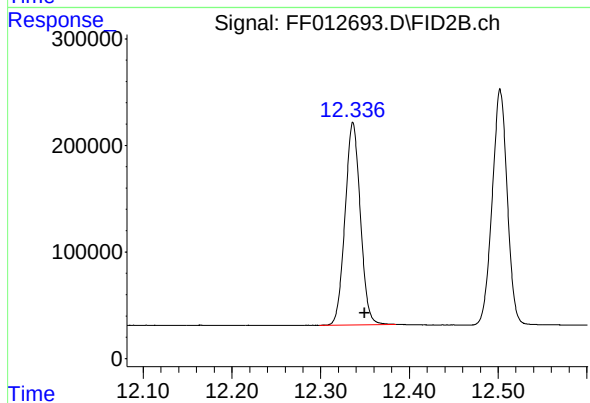
#10 n-Eicosane (C20)

R.T.: 11.891 min
Delta R.T.: -0.012 min
Response: 2646603
Conc: 19.24 ug/ml



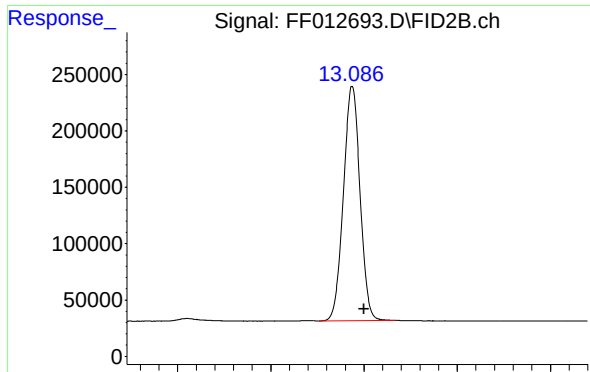
#11 n-Heneicosane (C21)

R.T.: 12.502 min
Delta R.T.: -0.013 min
Response: 2604332
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

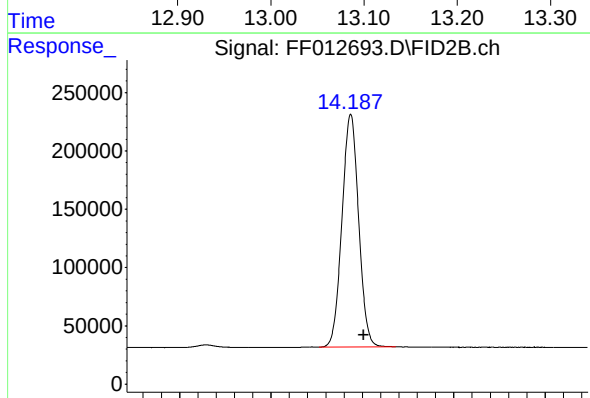
R.T.: 12.336 min
Delta R.T.: -0.013 min
Response: 2271093
Conc: 19.22 ug/ml



#13 n-Docosane (C22)

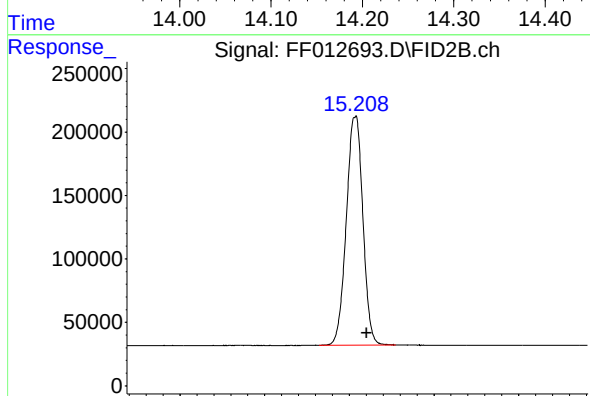
R.T.: 13.087 min
Delta R.T.: -0.012 min
Response: 2571719
Conc: 19.21 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



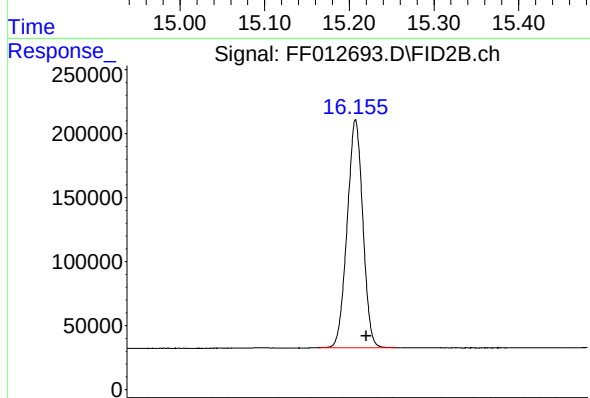
#14 n-Tetracosane (C24)

R.T.: 14.187 min
Delta R.T.: -0.014 min
Response: 2530609
Conc: 19.25 ug/ml



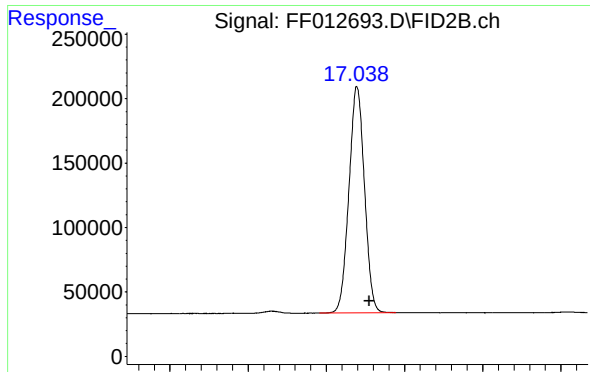
#15 n-Hexacosane (C26)

R.T.: 15.207 min
Delta R.T.: -0.014 min
Response: 2448383
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

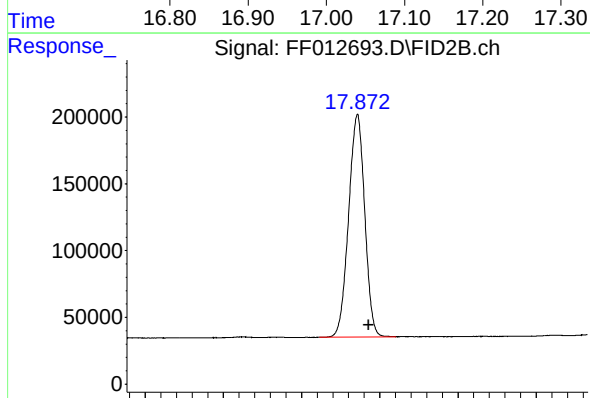
R.T.: 16.155 min
Delta R.T.: -0.014 min
Response: 2373813
Conc: 19.31 ug/ml



#17 n-Tricontane (C30)

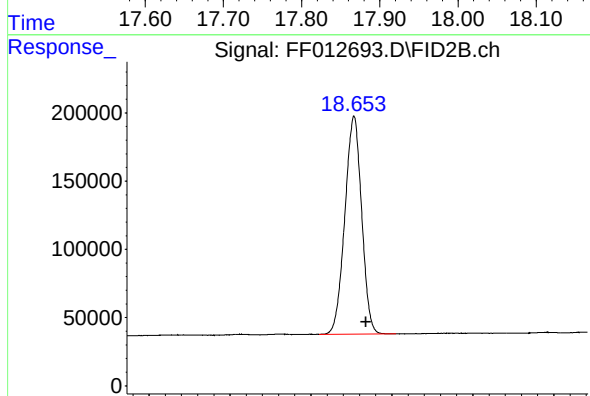
R.T.: 17.039 min
Delta R.T.: -0.016 min
Response: 2421564
Conc: 19.61 ug/ml

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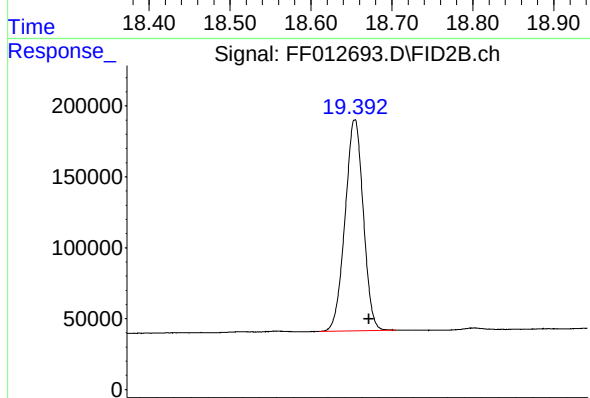
#18 n-Dotriacontane (C32)

R.T.: 17.872 min
Delta R.T.: -0.014 min
Response: 2388634
Conc: 19.74 ug/ml



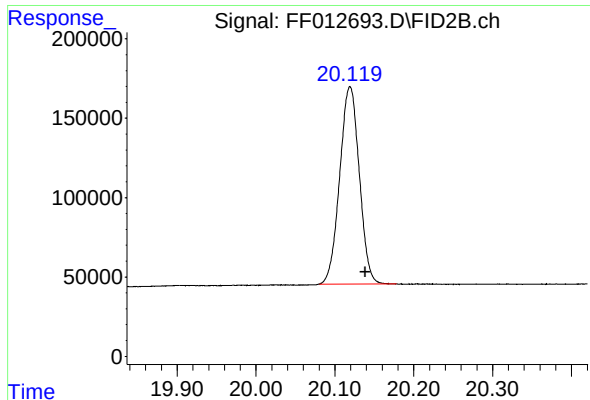
#19 n-Tetratriacontane (C34)

R.T.: 18.653 min
Delta R.T.: -0.015 min
Response: 2302582
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

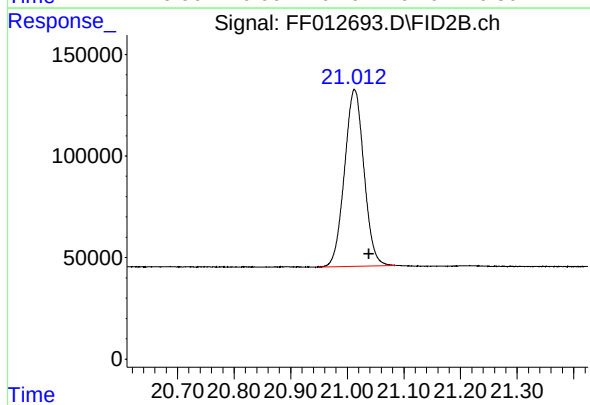
R.T.: 19.392 min
Delta R.T.: -0.017 min
Response: 2207081
Conc: 19.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.119 min
Delta R.T.: -0.019 min
Response: 2149974
Conc: 19.30 ug/ml

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FID_F
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.013 min
Delta R.T.: -0.026 min
Response: 2077589
Conc: 18.83 ug/ml