

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121024AL\
 Data File : FF015165.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2024 19:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 11 00:45:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 16:57:57 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)	11.919	2607001	18.925 ug/ml
Spiked Amount 50.000		Recovery =	37.85%
12) S 1-chlorooctadecane (S...	13.353	1787949	18.953 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
Target Compounds			
1) T n-Nonane (C9)	3.318	2412775	19.003 ug/ml
2) T n-Decane (C10)	4.567	2449744	18.983 ug/ml
3) T A~Naphthalene (C11.7)	6.265	2585645	18.963 ug/ml
4) T n-Dodecane (C12)	6.727	2459237	18.983 ug/ml
5) T A~2-methylnaphthalene...	7.359	2442289	18.905 ug/ml
6) T n-Tetradecane (C14)	8.551	2420751	18.974 ug/ml
7) T n-Hexadecane (C16)	10.157	2471239	18.998 ug/ml
8) T n-Octadecane (C18)	11.600	2482776	19.015 ug/ml
10) T n-Eicosane (C20)	12.908	2317149	19.006 ug/ml
11) T n-Heneicosane (C21)	13.521	2258221	18.972 ug/ml
13) T n-Docosane (C22)	14.107	2232671	19.011 ug/ml
14) T n-Tetracosane (C24)	15.210	2217704	18.916 ug/ml
15) T n-Hexacosane (C26)	16.231	2182592	19.327 ug/ml
16) T n-Octacosane (C28)	17.180	2161752	19.504 ug/ml
17) T n-Tricontane (C30)	18.067	2210586	19.540 ug/ml
18) T n-Dotriacontane (C32)	18.900	2125967	19.568 ug/ml
19) T n-Tetratriacontane (C34)	19.684	1821886	19.233 ug/ml
20) T n-Hexatriacontane (C36)	20.425	1477201	18.851 ug/ml
21) T n-Octatriacontane (C38)	21.159	1256916	18.157 ug/ml
22) T n-Tetracontane (C40)	22.066	1017643	17.096 ug/ml

(f)=RT Delta > 1/2 Window

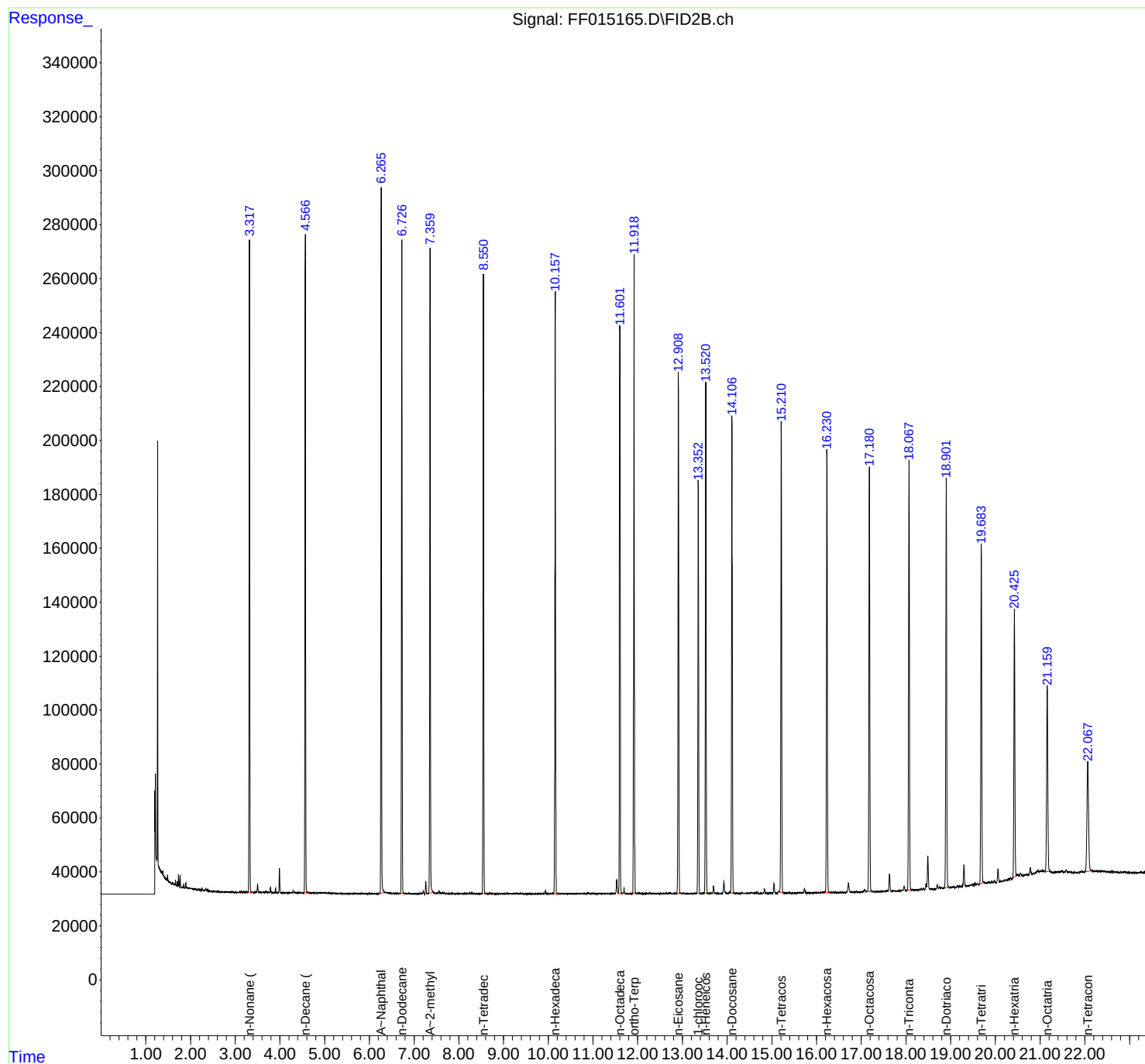
(m)=manual int.

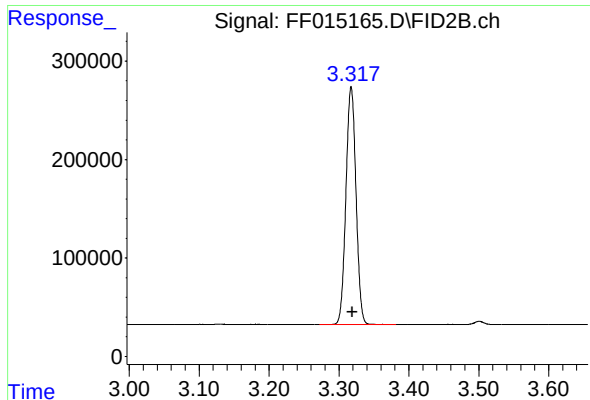
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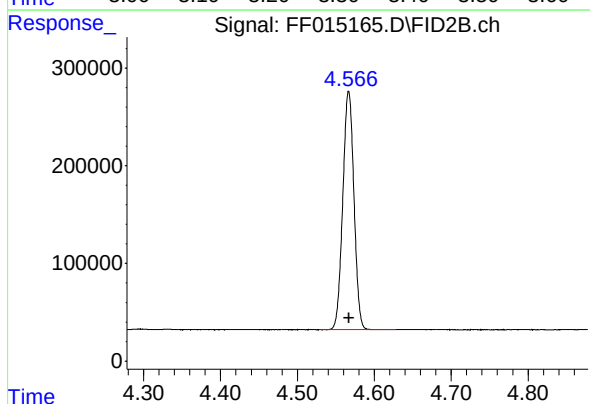




#1 n-Nonane (C9)

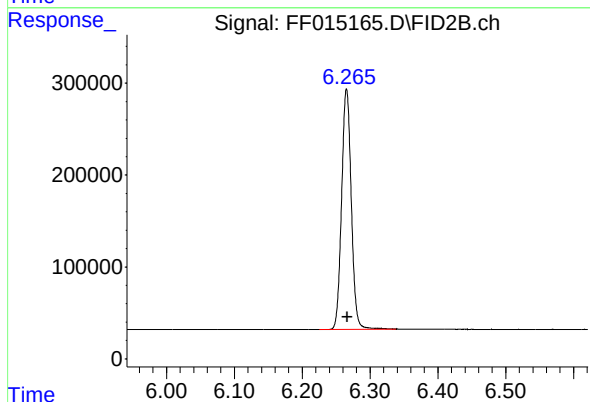
R.T.: 3.318 min
Delta R.T.: -0.001 min
Response: 2412775
Conc: 19.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



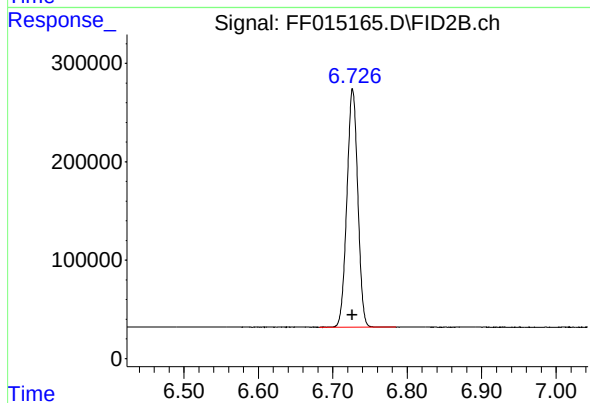
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2449744
Conc: 18.98 ug/ml



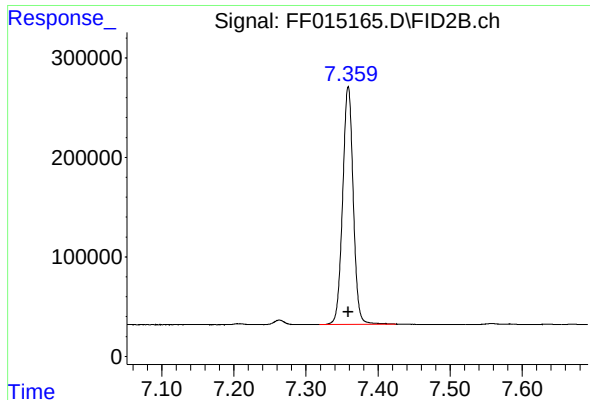
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 2585645
Conc: 18.96 ug/ml



#4 n-Dodecane (C12)

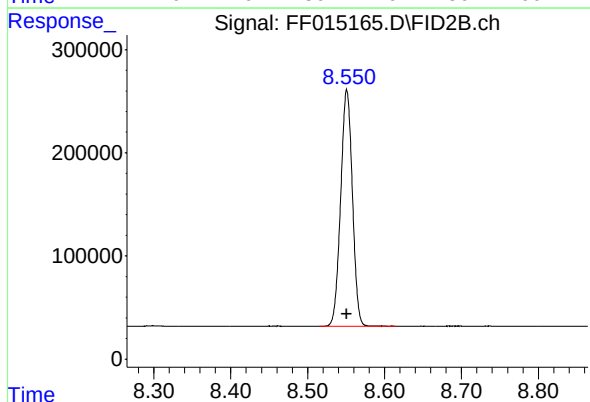
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 2459237
Conc: 18.98 ug/ml



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

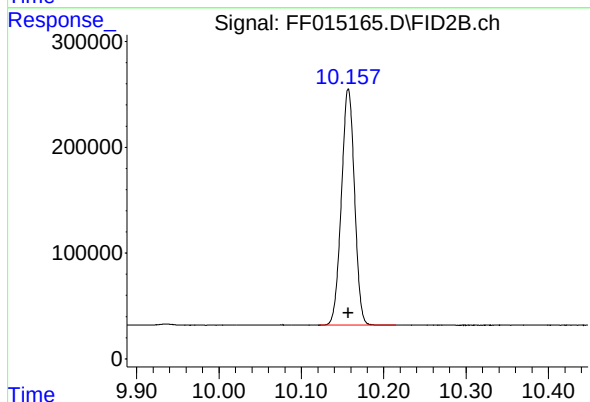
R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 2442289
Conc: 18.91 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



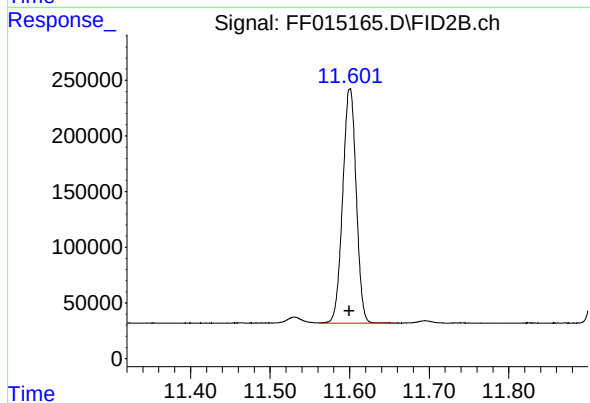
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: 0.000 min
Response: 2420751
Conc: 18.97 ug/ml



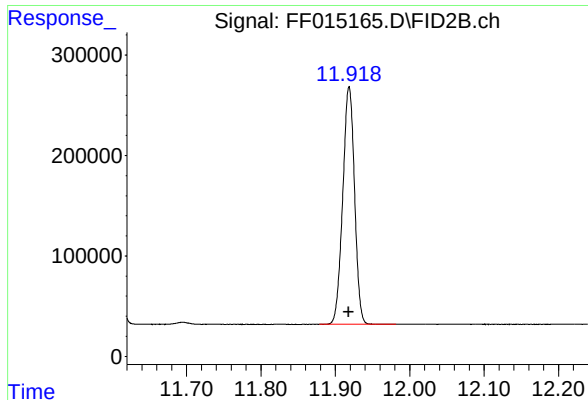
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: 0.000 min
Response: 2471239
Conc: 19.00 ug/ml



#8 n-Octadecane (C18)

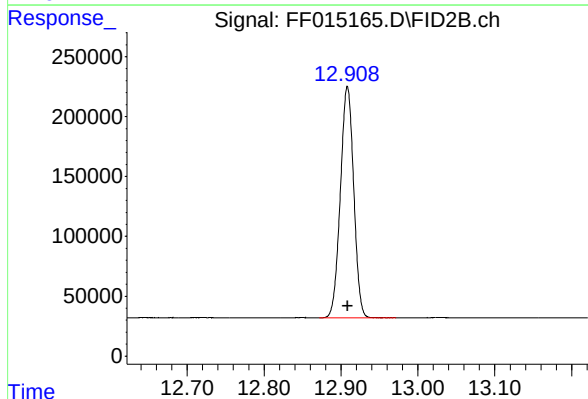
R.T.: 11.600 min
Delta R.T.: 0.000 min
Response: 2482776
Conc: 19.01 ug/ml



#9 ortho-Terphenyl (SURR)

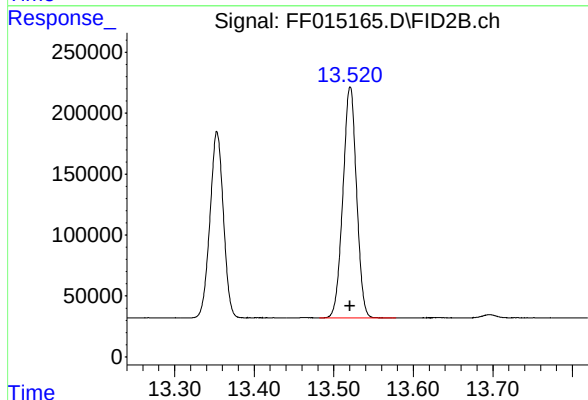
R.T.: 11.919 min
Delta R.T.: 0.000 min
Response: 2607001
Conc: 18.92 ug/ml

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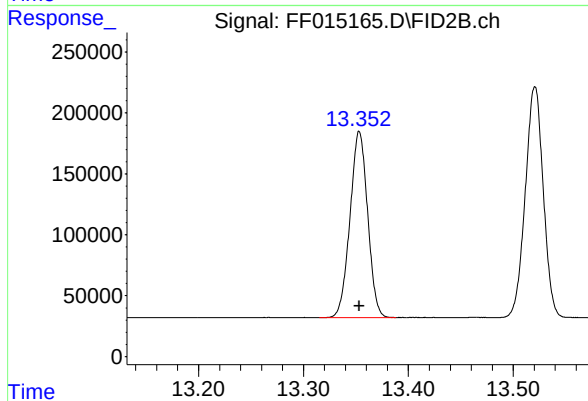
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 2317149
Conc: 19.01 ug/ml



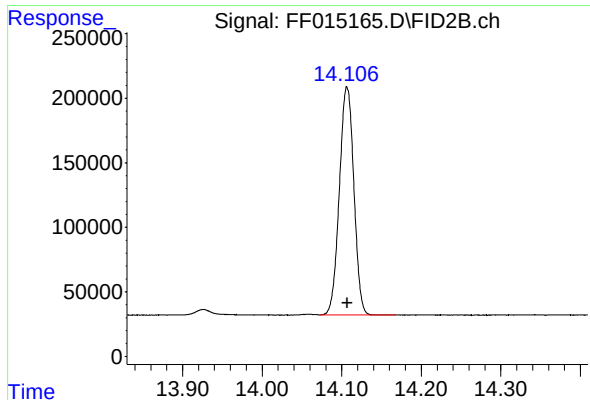
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2258221
Conc: 18.97 ug/ml



#12 1-chlorooctadecane (SURR)

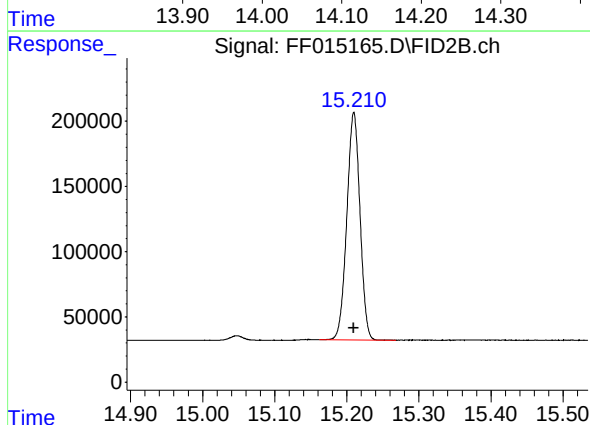
R.T.: 13.353 min
Delta R.T.: 0.000 min
Response: 1787949
Conc: 18.95 ug/ml



#13 n-Docosane (C22)

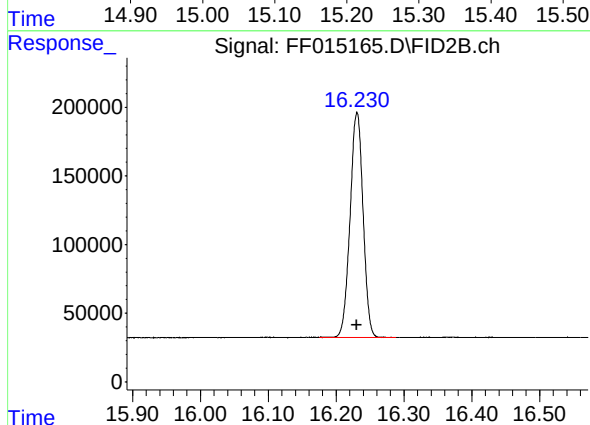
R.T.: 14.107 min
Delta R.T.: 0.000 min
Response: 2232671
Conc: 19.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



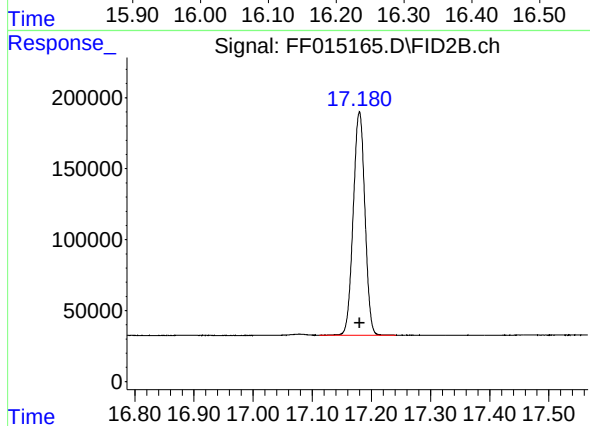
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: 0.000 min
Response: 2217704
Conc: 18.92 ug/ml



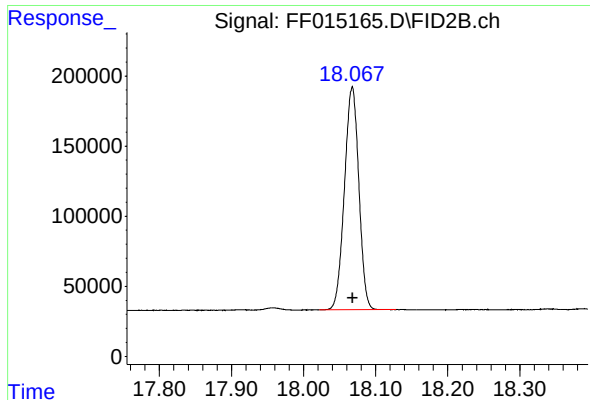
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: 0.000 min
Response: 2182592
Conc: 19.33 ug/ml



#16 n-Octacosane (C28)

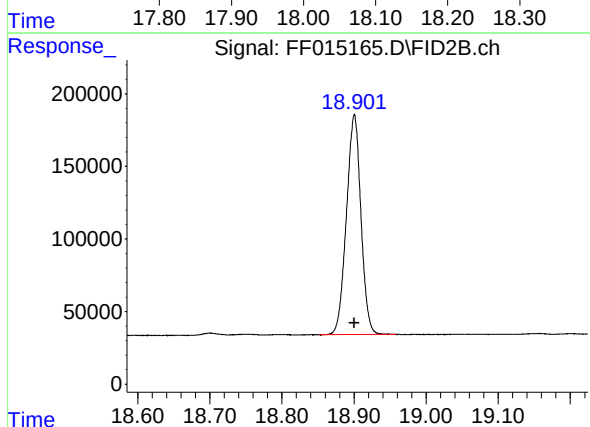
R.T.: 17.180 min
Delta R.T.: 0.000 min
Response: 2161752
Conc: 19.50 ug/ml



#17 n-Tricontane (C30)

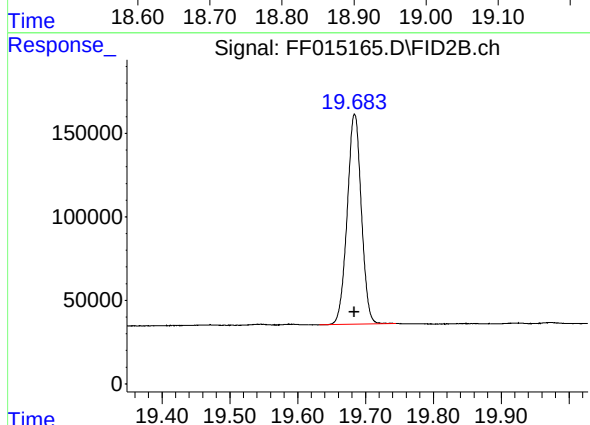
R.T.: 18.067 min
Delta R.T.: 0.000 min
Response: 2210586
Conc: 19.54 ug/ml

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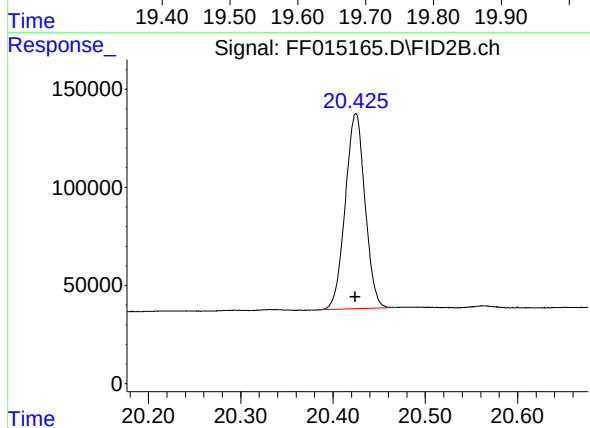
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.000 min
Response: 2125967
Conc: 19.57 ug/ml



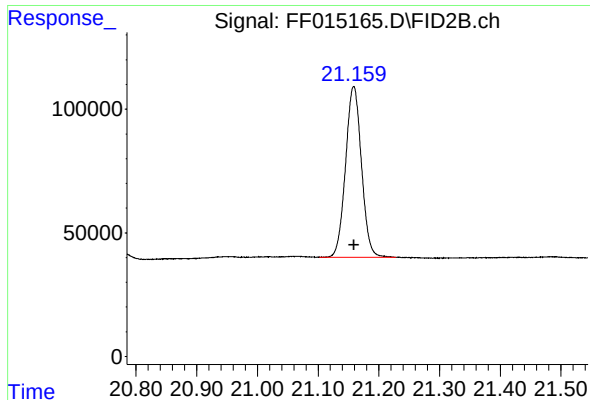
#19 n-Tetatriacontane (C34)

R.T.: 19.684 min
Delta R.T.: 0.000 min
Response: 1821886
Conc: 19.23 ug/ml



#20 n-Hexatriacontane (C36)

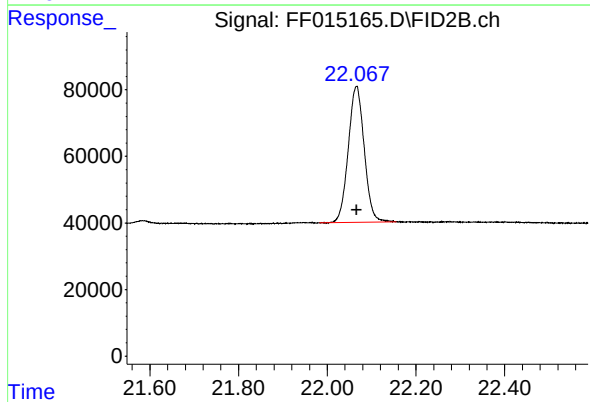
R.T.: 20.425 min
Delta R.T.: 0.000 min
Response: 1477201
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: 0.000 min
Response: 1256916
Conc: 18.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: 0.000 min
Response: 1017643
Conc: 17.10 ug/ml