

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032419AL\
 Data File : FC040108.D
 Signal(s) : FID1A.CH
 Acq On : 25 Mar 2019 12:50
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Mar 25 13:18:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.017	2340137	18.172 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
12) S 1-chlorooctadecane (S...	12.446	1789927	18.120 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
Target Compounds			
1) T n-Nonane (C9)	2.851	1442713	17.481 ug/ml
2) T n-Decane (C10)	3.872	1498427	17.705 ug/ml
3) T A~Naphthalene (C11.7)	5.444	1766929	18.110 ug/ml
4) T n-Dodecane (C12)	5.866	1564763	18.116 ug/ml
5) T A~2-methylnaphthalene...	6.493	1820591	18.323 ug/ml
6) T n-Tetradecane (C14)	7.656	1668676	18.308 ug/ml
7) T n-Hexadecane (C16)	9.255	1753810	18.247 ug/ml
8) T n-Octadecane (C18)	10.694	1804687	17.991 ug/ml
10) T n-Eicosane (C20)	12.001	1819147	17.875 ug/ml
11) T n-Heneicosane (C21)	12.613	1801734	17.867 ug/ml
13) T n-Docosane (C22)	13.197	1793731	17.845 ug/ml
14) T n-Tetracosane (C24)	14.297	1771763	17.795 ug/ml
15) T n-Hexacosane (C26)	15.317	1739407	17.766 ug/ml
16) T n-Octacosane (C28)	16.264	1733171	17.668 ug/ml
17) T n-Tricontane (C30)	17.150	1714727	17.524 ug/ml
18) T n-Dotriacontane (C32)	17.981	1674173	17.299 ug/ml
19) T n-Tetratriacontane (C34)	18.793	1458789	17.402 ug/ml
20) T n-Hexatriacontane (C36)	19.811	1287242	17.483 ug/ml
21) T n-Octatriacontane (C38)	21.186	1214184	17.572 ug/ml
22) T n-Tetracontane (C40)	23.099	1196009	17.644 ug/ml

(f)=RT Delta > 1/2 Window

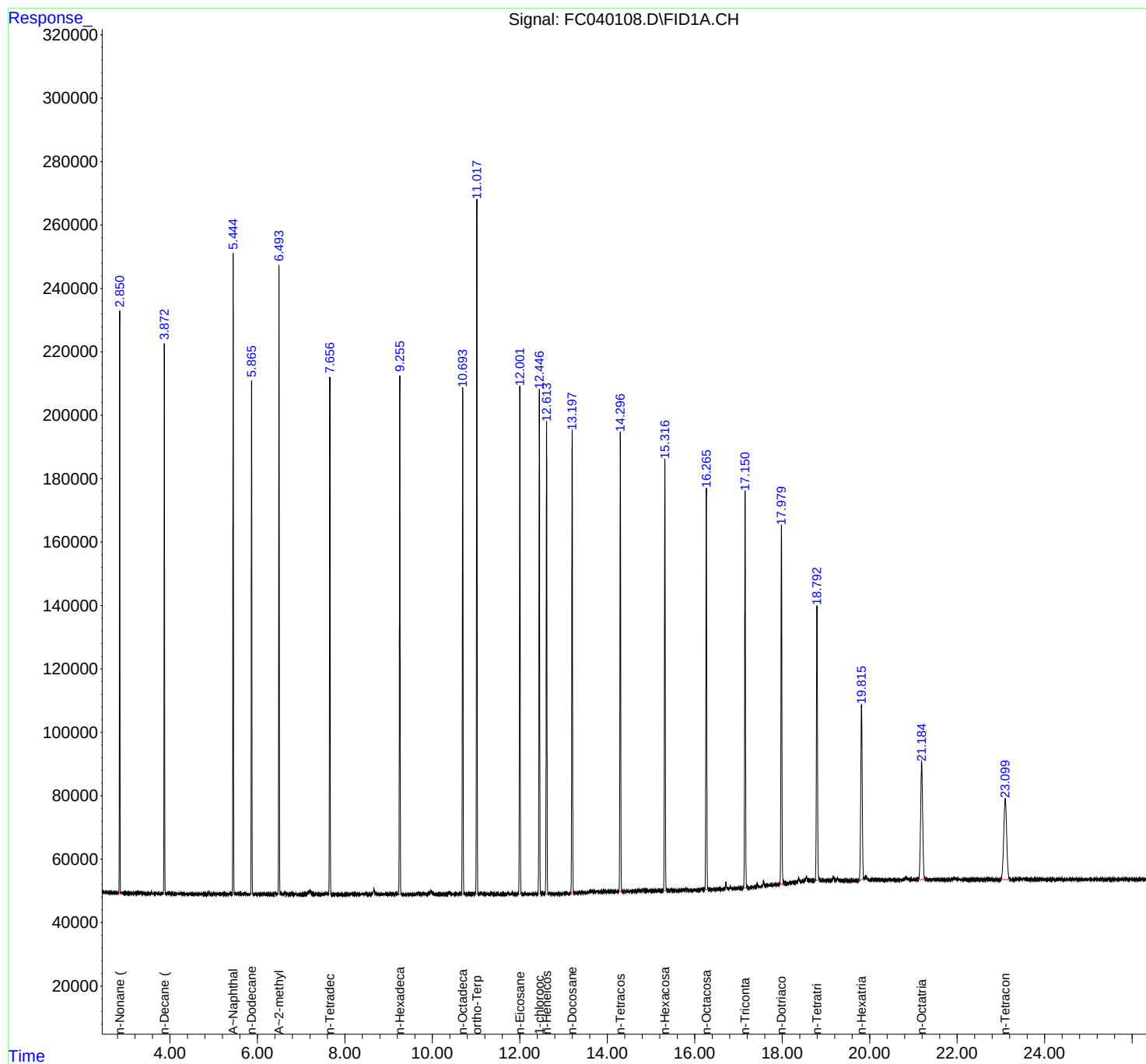
(m)=manual int.

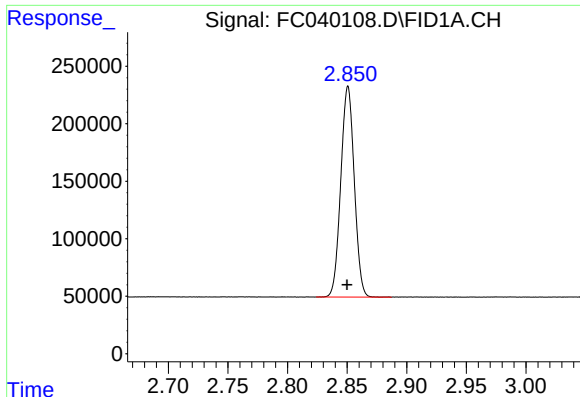
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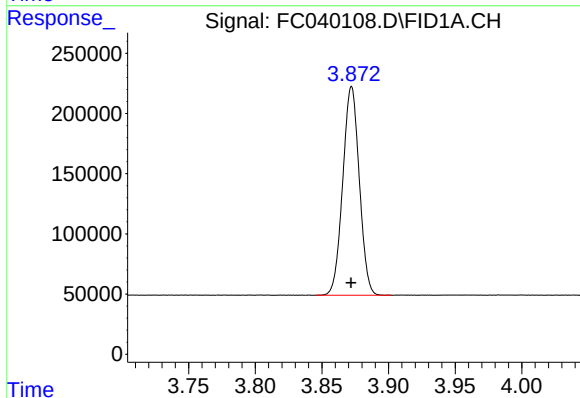




#1 n-Nonane (C9)

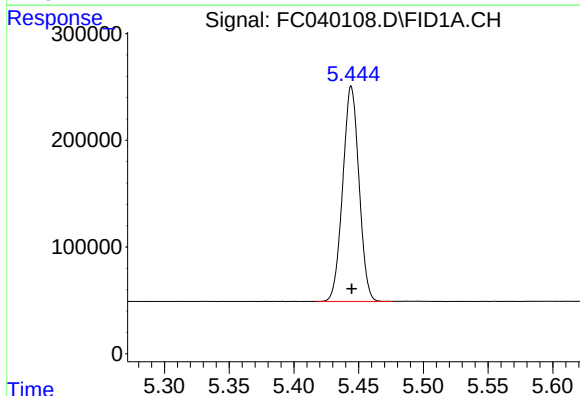
R.T.: 2.851 min
Delta R.T.: 0.000 min
Response: 1442713
Conc: 17.48 ug/ml

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20 PPM ALIPHATIC HC STD



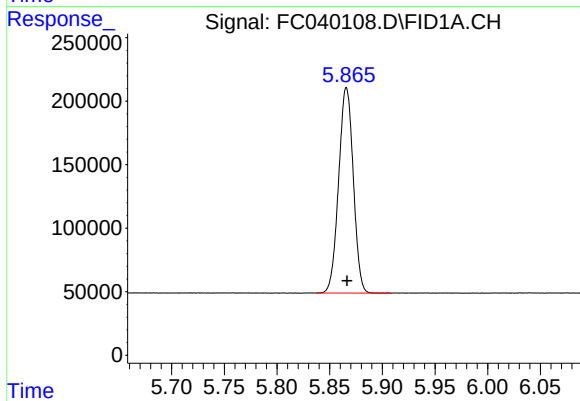
#2 n-Decane (C10)

R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 1498427
Conc: 17.70 ug/ml



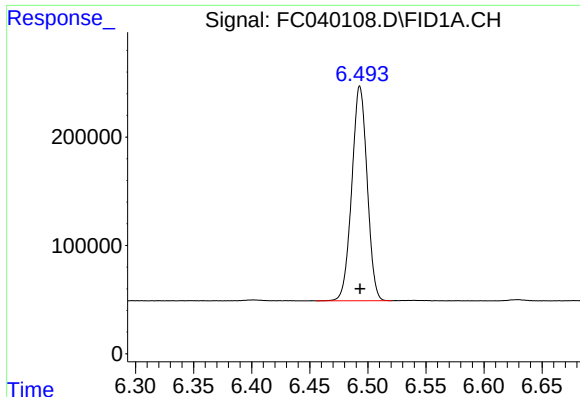
#3 A~Naphthalene (C11.7)

R.T.: 5.444 min
Delta R.T.: 0.000 min
Response: 1766929
Conc: 18.11 ug/ml



#4 n-Dodecane (C12)

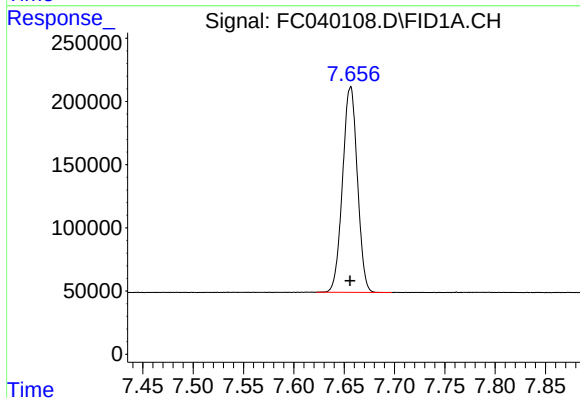
R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 1564763
Conc: 18.12 ug/ml



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

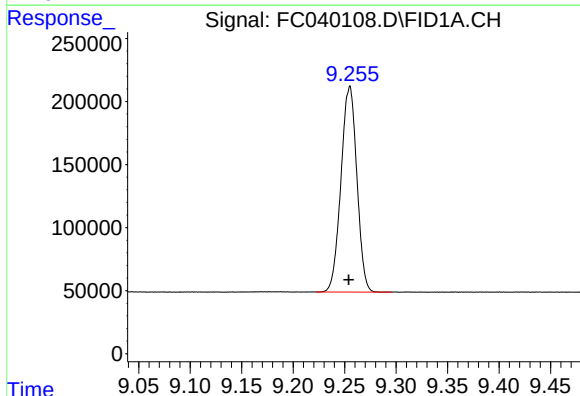
R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 1820591
Conc: 18.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



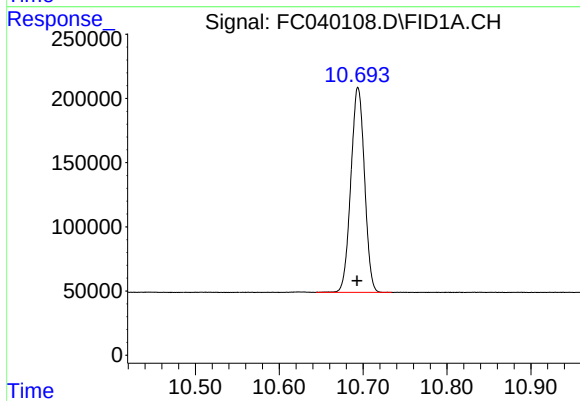
#6 n-Tetradecane (C14)

R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 1668676
Conc: 18.31 ug/ml



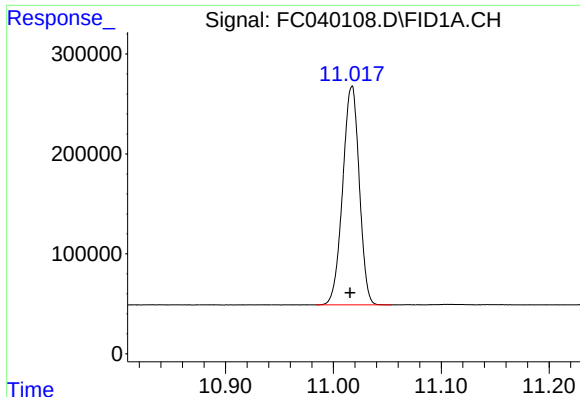
#7 n-Hexadecane (C16)

R.T.: 9.255 min
Delta R.T.: 0.001 min
Response: 1753810
Conc: 18.25 ug/ml



#8 n-Octadecane (C18)

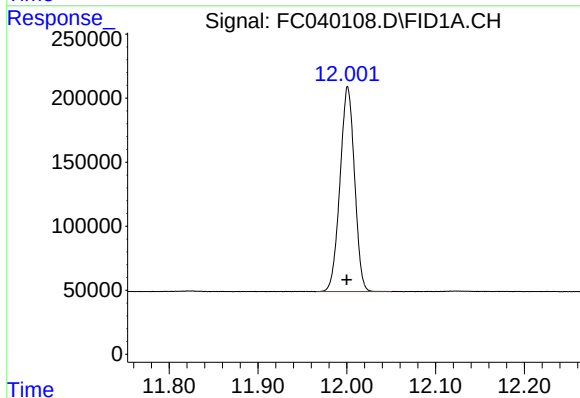
R.T.: 10.694 min
Delta R.T.: 0.001 min
Response: 1804687
Conc: 17.99 ug/ml



#9 ortho-Terphenyl (SURR)

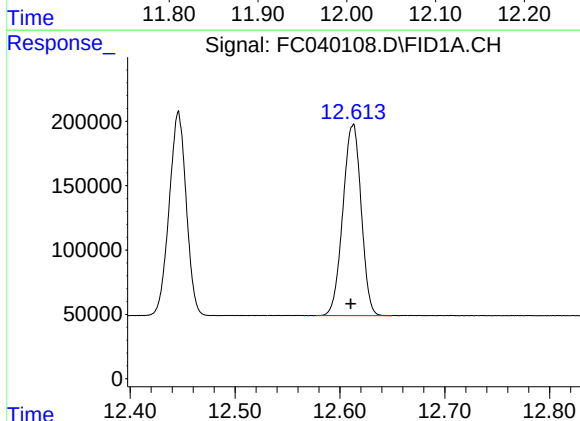
R.T.: 11.017 min
Delta R.T.: 0.002 min
Response: 2340137
Conc: 18.17 ug/ml

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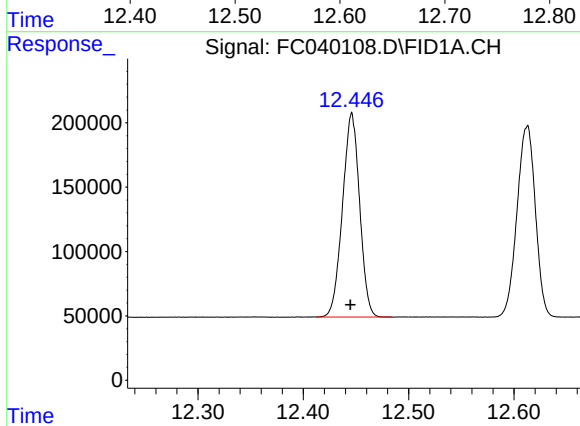
#10 n-Eicosane (C20)

R.T.: 12.001 min
Delta R.T.: 0.001 min
Response: 1819147
Conc: 17.88 ug/ml



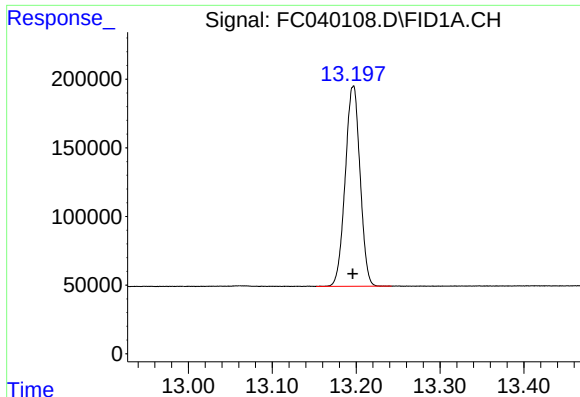
#11 n-Heneicosane (C21)

R.T.: 12.613 min
Delta R.T.: 0.002 min
Response: 1801734
Conc: 17.87 ug/ml



#12 1-chlorooctadecane (SURR)

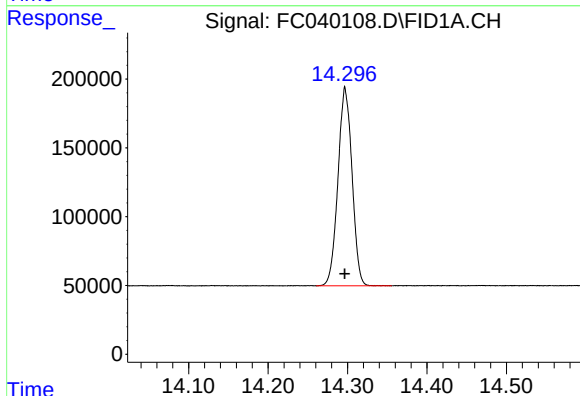
R.T.: 12.446 min
Delta R.T.: 0.001 min
Response: 1789927
Conc: 18.12 ug/ml



#13 n-Docosane (C22)

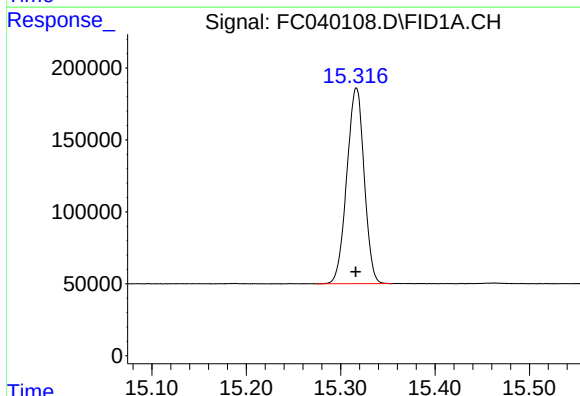
R.T.: 13.197 min
Delta R.T.: 0.000 min
Response: 1793731
Conc: 17.84 ug/ml

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20 PPM ALIPHATIC HC STD



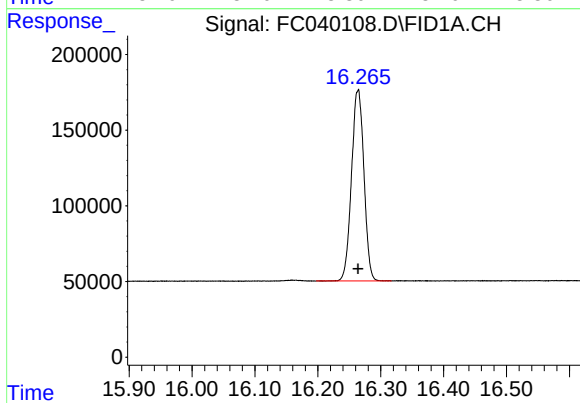
#14 n-Tetracosane (C24)

R.T.: 14.297 min
Delta R.T.: 0.000 min
Response: 1771763
Conc: 17.80 ug/ml



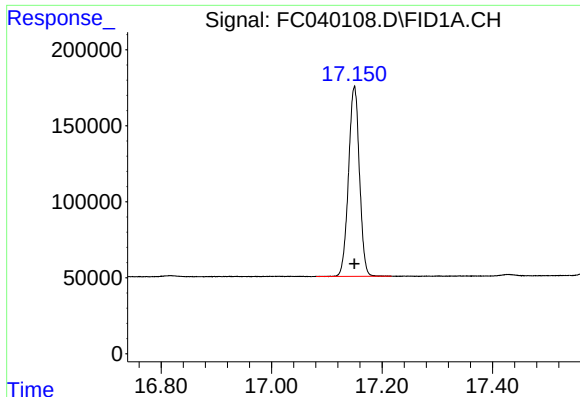
#15 n-Hexacosane (C26)

R.T.: 15.317 min
Delta R.T.: 0.000 min
Response: 1739407
Conc: 17.77 ug/ml



#16 n-Octacosane (C28)

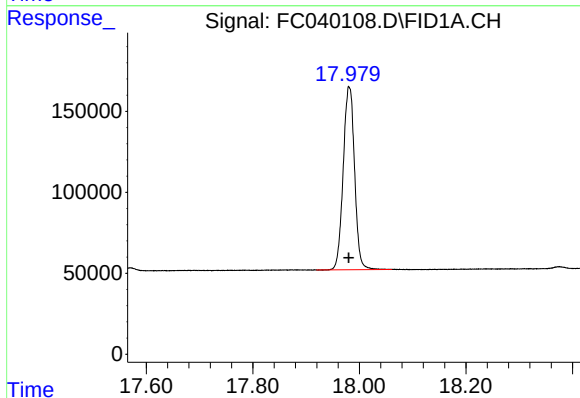
R.T.: 16.264 min
Delta R.T.: 0.000 min
Response: 1733171
Conc: 17.67 ug/ml



#17 n-Tricontane (C30)

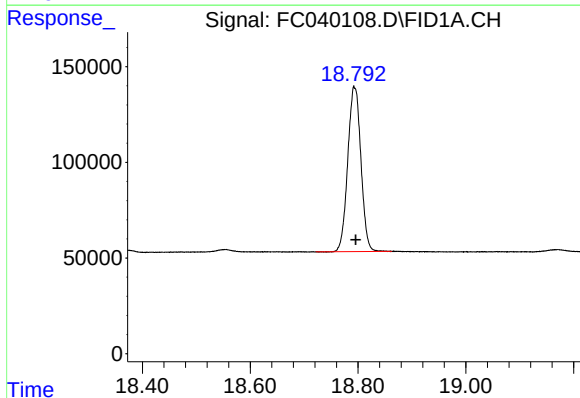
R.T.: 17.150 min
Delta R.T.: 0.000 min
Response: 1714727
Conc: 17.52 ug/ml

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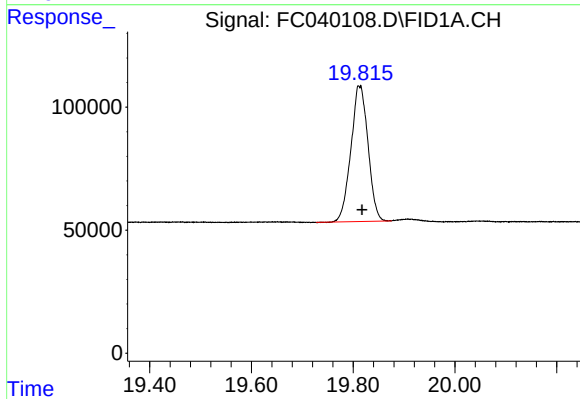
#18 n-Dotriacontane (C32)

R.T.: 17.981 min
Delta R.T.: 0.000 min
Response: 1674173
Conc: 17.30 ug/ml



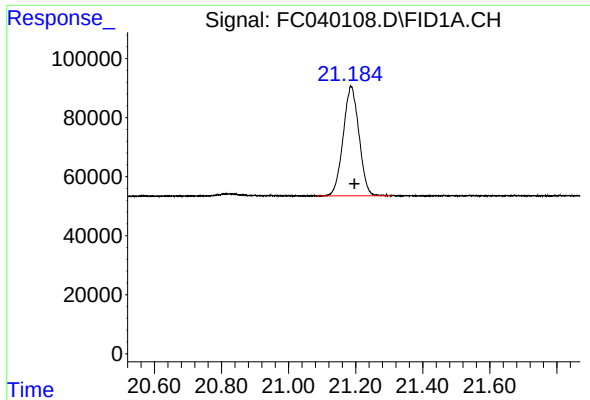
#19 n-Tetratriacontane (C34)

R.T.: 18.793 min
Delta R.T.: -0.003 min
Response: 1458789
Conc: 17.40 ug/ml



#20 n-Hexatriacontane (C36)

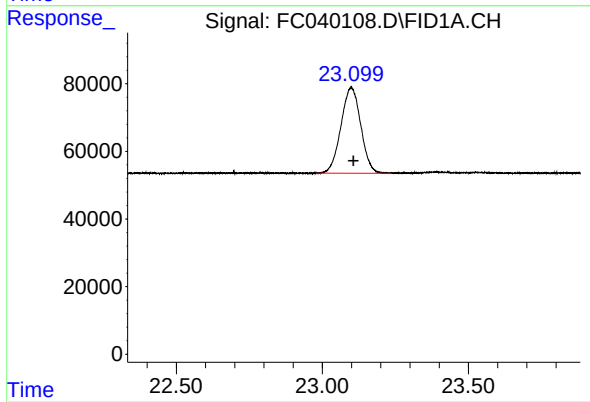
R.T.: 19.811 min
Delta R.T.: -0.007 min
Response: 1287242
Conc: 17.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.011 min
Response: 1214184
Conc: 17.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 23.099 min
Delta R.T.: -0.007 min
Response: 1196009
Conc: 17.64 ug/ml