

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112719AL\
 Data File : FC044742.D
 Signal(s) : FID1A.CH
 Acq On : 27 Nov 2019 8:52
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 27 22:03:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 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)	11.756	2001537	17.565 ug/ml
Spiked Amount 50.000		Recovery =	35.13%
12) S 1-chlorooctadecane (S...	13.181	1553540	17.543 ug/ml
Spiked Amount 50.000		Recovery =	35.09%
Target Compounds			
1) T n-Nonane (C9)	3.501	1791934	17.626 ug/ml
2) T n-Decane (C10)	4.576	1809605	17.819 ug/ml
3) T A~Naphthalene (C11.7)	6.177	2033317	17.797 ug/ml
4) T n-Dodecane (C12)	6.596	1828182	17.969 ug/ml
5) T A~2-methylnaphthalene...	7.232	2051929	17.895 ug/ml
6) T n-Tetradecane (C14)	8.388	1839065	18.042 ug/ml
7) T n-Hexadecane (C16)	9.987	1852419	18.054 ug/ml
8) T n-Octadecane (C18)	11.426	1857514	17.940 ug/ml
10) T n-Eicosane (C20)	12.735	1862910	17.858 ug/ml
11) T n-Heneicosane (C21)	13.346	1849444	17.533 ug/ml
13) T n-Docosane (C22)	13.932	1880776	17.828 ug/ml
14) T n-Tetracosane (C24)	15.033	1929026	18.019 ug/ml
15) T n-Hexacosane (C26)	16.053	2000995	18.801 ug/ml
16) T n-Octacosane (C28)	17.002	2022329	19.268 ug/ml
17) T n-Tricontane (C30)	17.890	1873983	18.717 ug/ml
18) T n-Dotriacontane (C32)	18.721	1546440	18.573 ug/ml
19) T n-Tetratriacontane (C34)	19.501	1226679	17.879 ug/ml
20) T n-Hexatriacontane (C36)	20.241	1073272	17.981 ug/ml
21) T n-Octatriacontane (C38)	21.013	990364	18.423 ug/ml
22) T n-Tetracontane (C40)	21.986	1006836	18.792 ug/ml

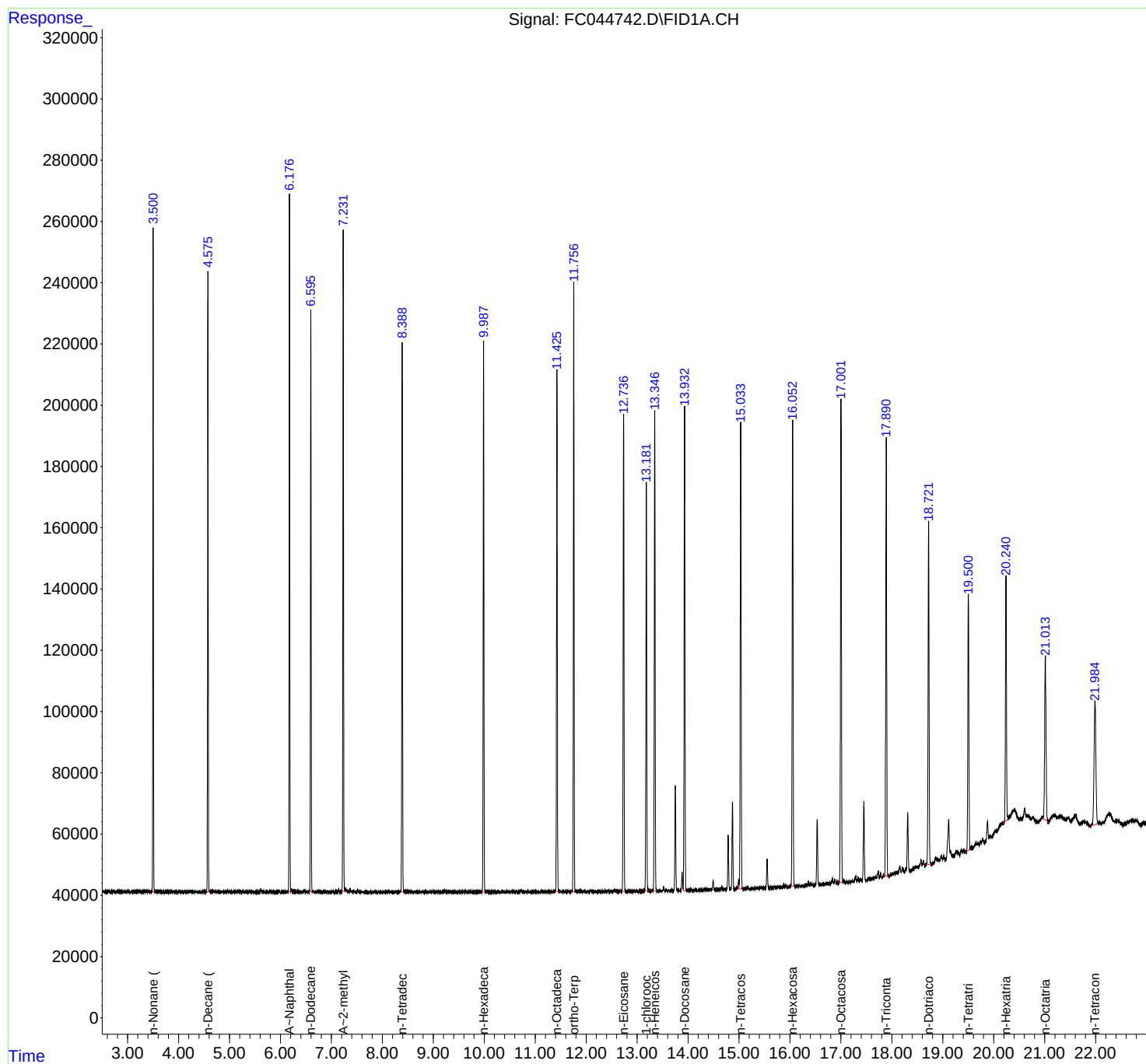
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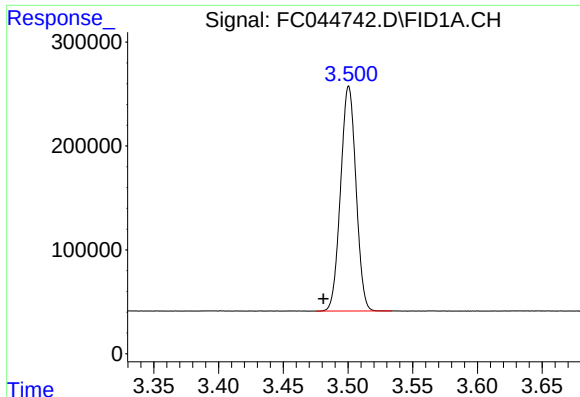
(m)=manual int.

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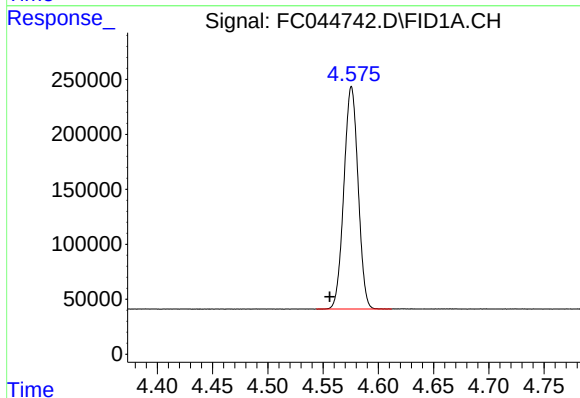
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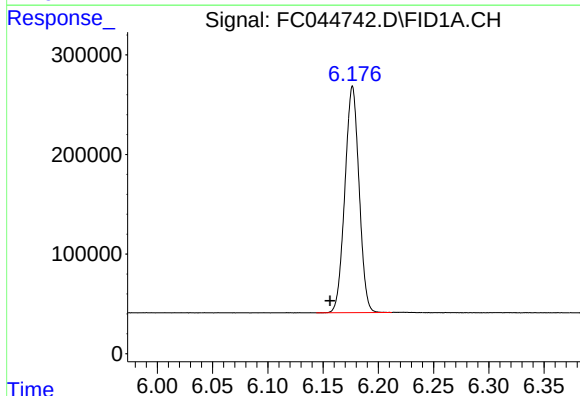
#1 n-Nonane (C9)

R.T.: 3.501 min
Delta R.T.: 0.020 min
Response: 1791934
Conc: 17.63 ug/ml



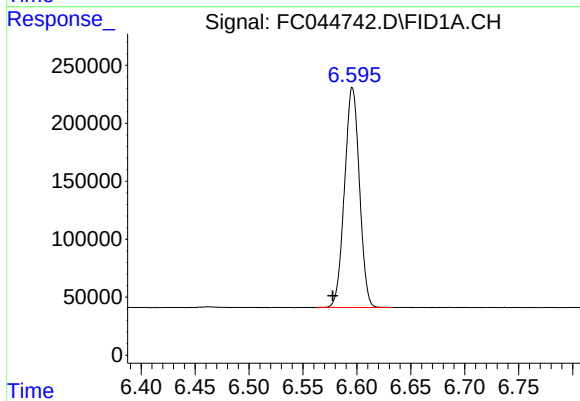
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: 0.020 min
Response: 1809605
Conc: 17.82 ug/ml



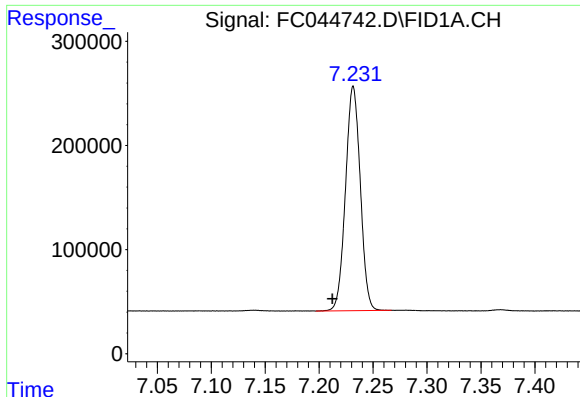
#3 A~Naphthalene (C11.7)

R.T.: 6.177 min
Delta R.T.: 0.020 min
Response: 2033317
Conc: 17.80 ug/ml



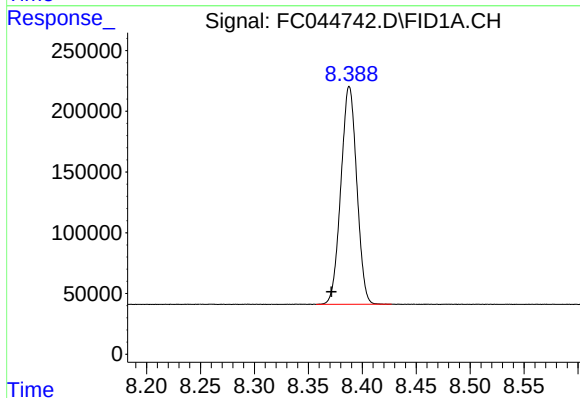
#4 n-Dodecane (C12)

R.T.: 6.596 min
Delta R.T.: 0.018 min
Response: 1828182
Conc: 17.97 ug/ml



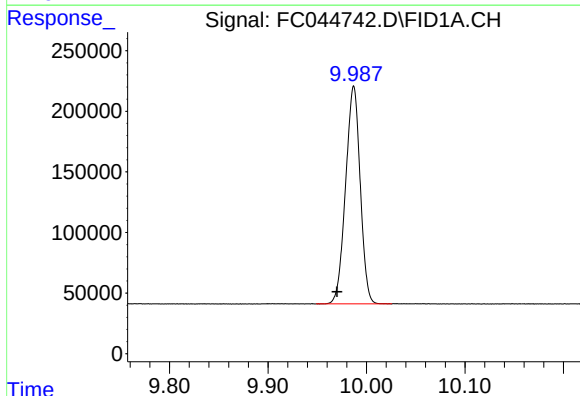
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.232 min
Delta R.T.: 0.019 min
Response: 2051929
Conc: 17.89 ug/ml



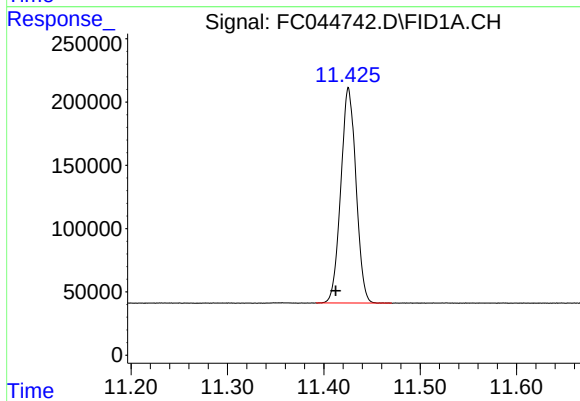
#6 n-Tetradecane (C14)

R.T.: 8.388 min
Delta R.T.: 0.017 min
Response: 1839065
Conc: 18.04 ug/ml



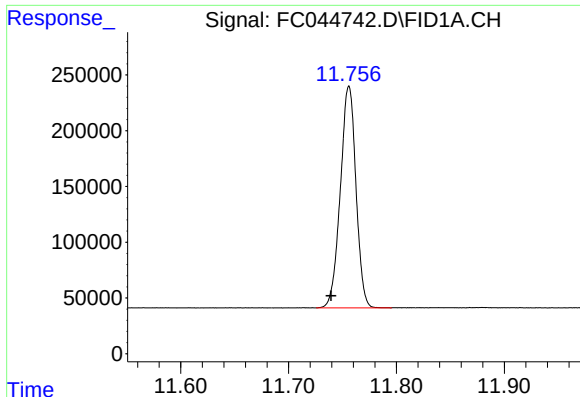
#7 n-Hexadecane (C16)

R.T.: 9.987 min
Delta R.T.: 0.017 min
Response: 1852419
Conc: 18.05 ug/ml



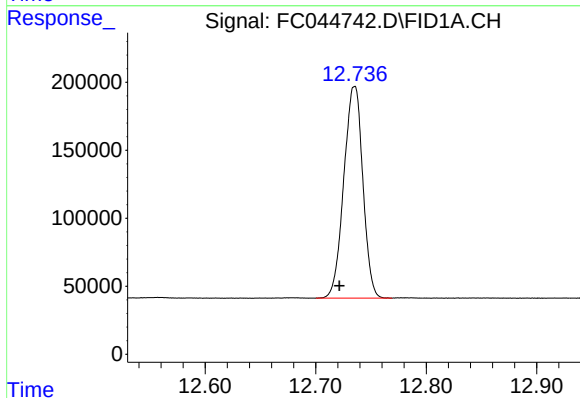
#8 n-Octadecane (C18)

R.T.: 11.426 min
Delta R.T.: 0.013 min
Response: 1857514
Conc: 17.94 ug/ml



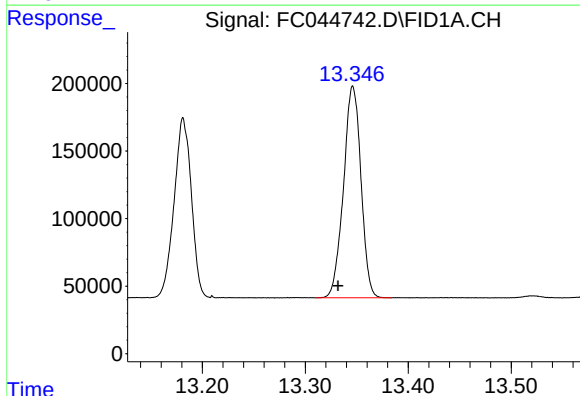
#9 ortho-Terphenyl (SURR)

R.T.: 11.756 min
Delta R.T.: 0.017 min
Response: 2001537
Conc: 17.57 ug/ml



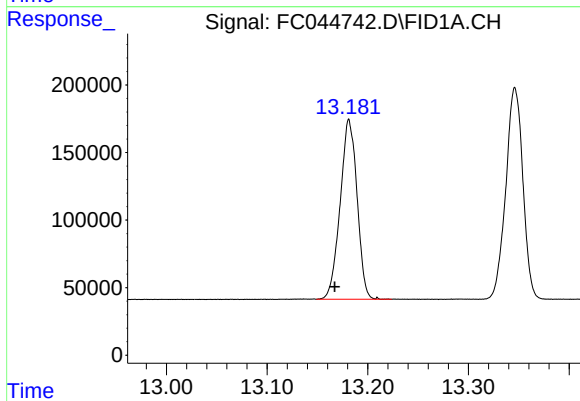
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: 0.014 min
Response: 1862910
Conc: 17.86 ug/ml



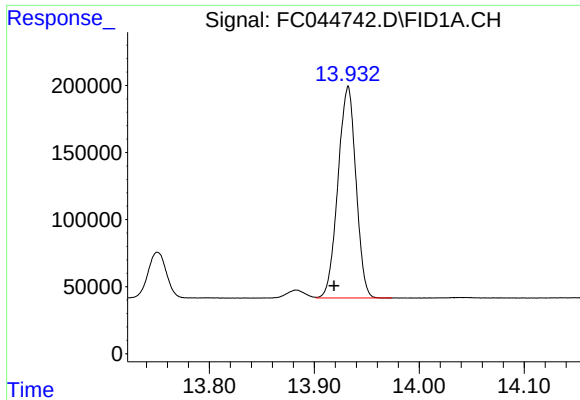
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: 0.014 min
Response: 1849444
Conc: 17.53 ug/ml



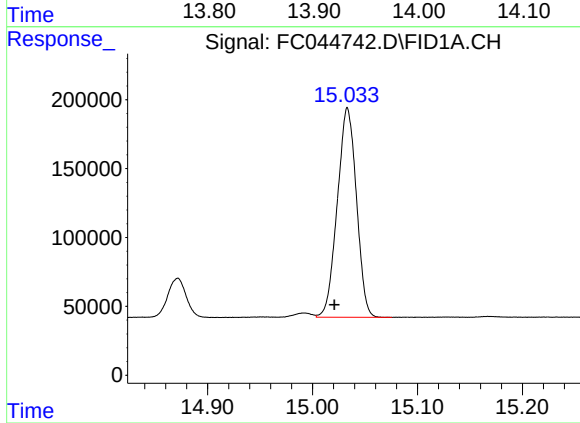
#12 1-chlorooctadecane (SURR)

R.T.: 13.181 min
Delta R.T.: 0.014 min
Response: 1553540
Conc: 17.54 ug/ml



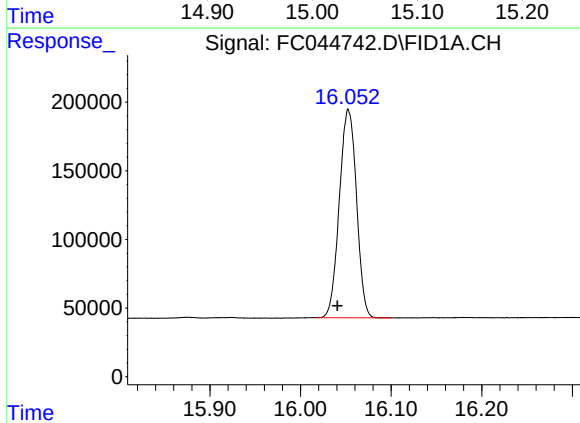
#13 n-Docosane (C22)

R.T.: 13.932 min
Delta R.T.: 0.013 min
Response: 1880776
Conc: 17.83 ug/ml



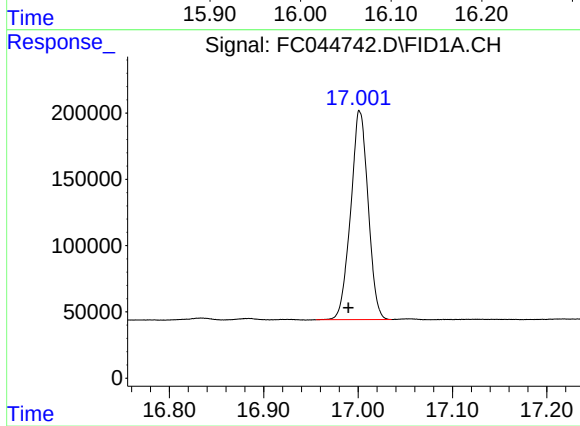
#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: 0.013 min
Response: 1929026
Conc: 18.02 ug/ml



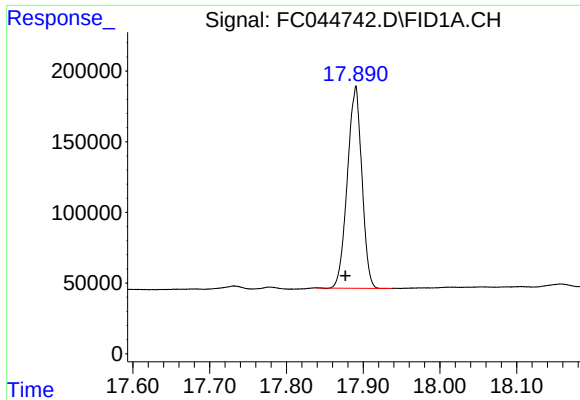
#15 n-Hexacosane (C26)

R.T.: 16.053 min
Delta R.T.: 0.012 min
Response: 2000995
Conc: 18.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.002 min
Delta R.T.: 0.012 min
Response: 2022329
Conc: 19.27 ug/ml



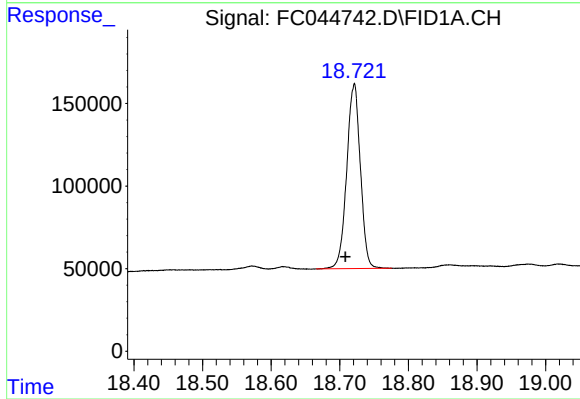
#17 n-Tricontane (C30)

R.T.: 17.890 min

Delta R.T.: 0.013 min

Response: 1873983

Conc: 18.72 ug/ml



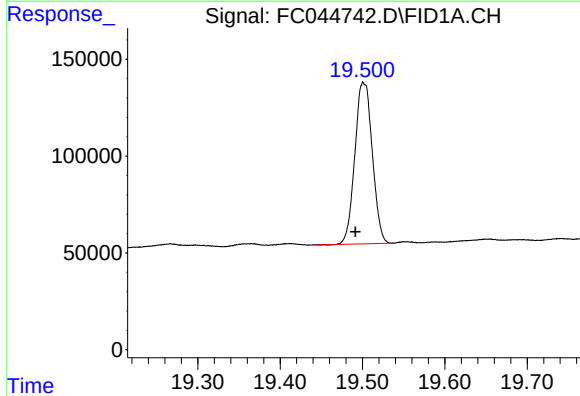
#18 n-Dotriacontane (C32)

R.T.: 18.721 min

Delta R.T.: 0.013 min

Response: 1546440

Conc: 18.57 ug/ml



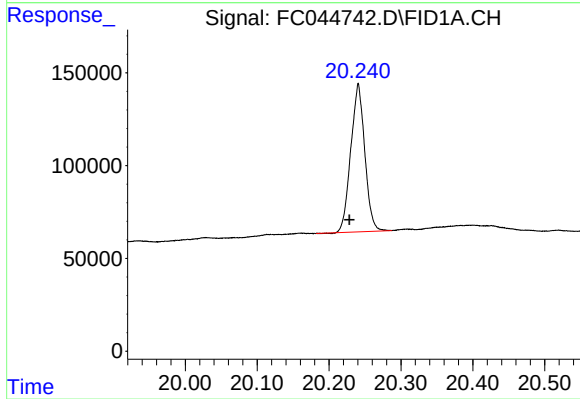
#19 n-Tetratriacontane (C34)

R.T.: 19.501 min

Delta R.T.: 0.010 min

Response: 1226679

Conc: 17.88 ug/ml



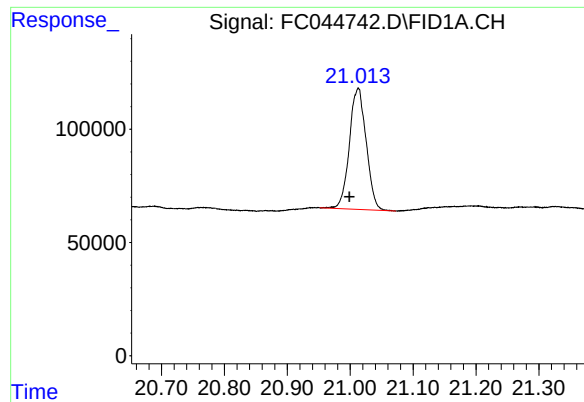
#20 n-Hexatriacontane (C36)

R.T.: 20.241 min

Delta R.T.: 0.012 min

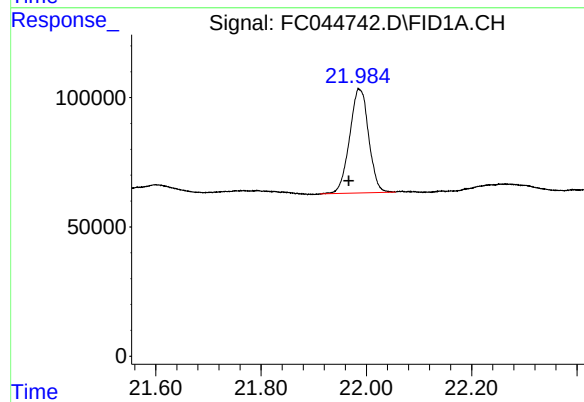
Response: 1073272

Conc: 17.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.014 min
Response: 990364
Conc: 18.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: 0.019 min
Response: 1006836
Conc: 18.79 ug/ml