

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040919AL\
 Data File : FC040450.D
 Signal(s) : FID1A.CH
 Acq On : 09 Apr 2019 22:33
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 10 03:10:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.029	2578358	20.022 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
12) S 1-chlorooctadecane (S...	12.459	1980447	20.049 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
Target Compounds			
1) T n-Nonane (C9)	2.861	1737748	21.055 ug/ml
2) T n-Decane (C10)	3.882	1822427	21.533 ug/ml
3) T A~Naphthalene (C11.7)	5.458	2185322	22.398 ug/ml
4) T n-Dodecane (C12)	5.877	1920037	22.229 ug/ml
5) T A~2-methylnaphthalene...	6.507	2221929	22.362 ug/ml
6) T n-Tetradecane (C14)	7.668	1998737	21.930 ug/ml
7) T n-Hexadecane (C16)	9.266	2011060	20.923 ug/ml
8) T n-Octadecane (C18)	10.706	1999720	19.935 ug/ml
10) T n-Eicosane (C20)	12.013	2000712	19.659 ug/ml
11) T n-Heneicosane (C21)	12.625	1991480	19.749 ug/ml
13) T n-Docosane (C22)	13.211	1993287	19.830 ug/ml
14) T n-Tetracosane (C24)	14.312	2008911	20.177 ug/ml
15) T n-Hexacosane (C26)	15.333	2013926	20.570 ug/ml
16) T n-Octacosane (C28)	16.282	2042346	20.819 ug/ml
17) T n-Tricontane (C30)	17.168	2038866	20.837 ug/ml
18) T n-Dotriacontane (C32)	18.001	1977832	20.437 ug/ml
19) T n-Tetratriacontane (C34)	18.821	1758185	20.974 ug/ml
20) T n-Hexatriacontane (C36)	19.849	1555699	21.129 ug/ml
21) T n-Octatriacontane (C38)	21.238	1450715	20.995 ug/ml
22) T n-Tetracontane (C40)	23.160	1433740	21.151 ug/ml

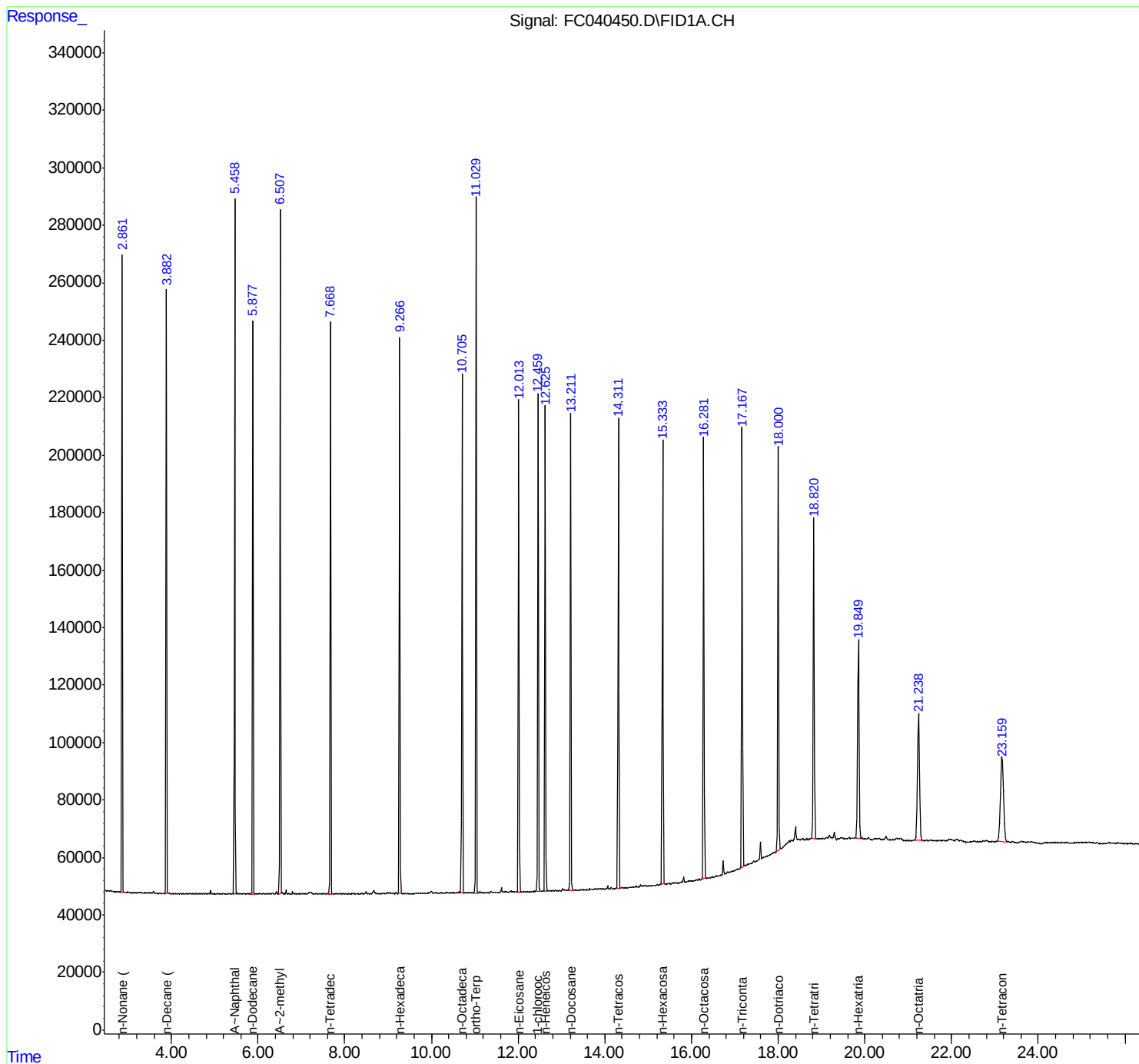
(f)=RT Delta > 1/2 Window

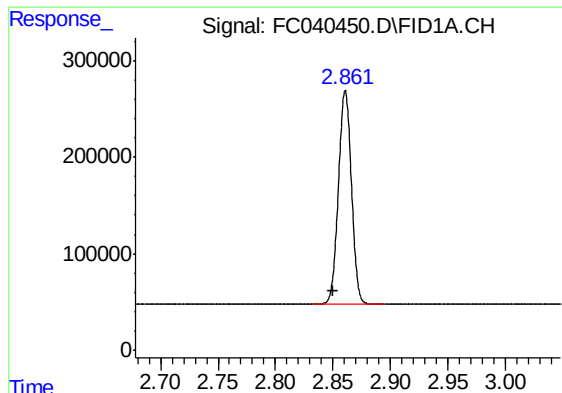
(m)=manual int.

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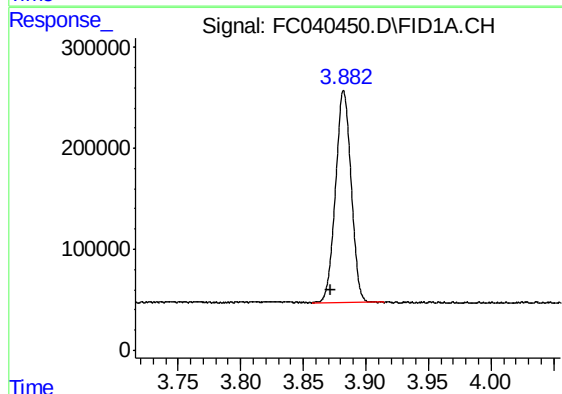
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Signal Info : 20M x 0.18mm x 0.18um





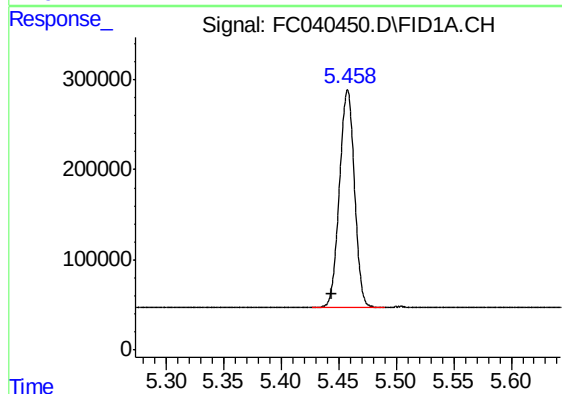
#1 n-Nonane (C9)

R.T.: 2.861 min
Delta R.T.: 0.011 min
Response: 1737748
Conc: 21.06 ug/ml



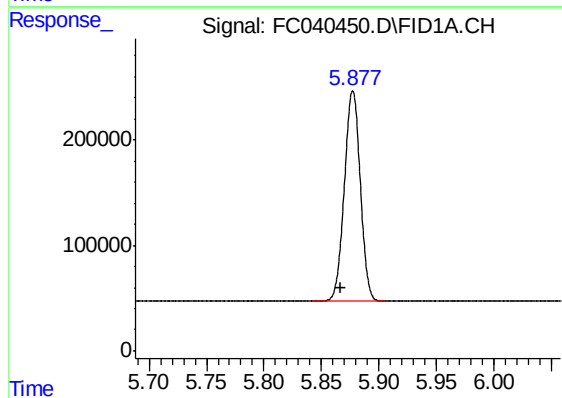
#2 n-Decane (C10)

R.T.: 3.882 min
Delta R.T.: 0.011 min
Response: 1822427
Conc: 21.53 ug/ml



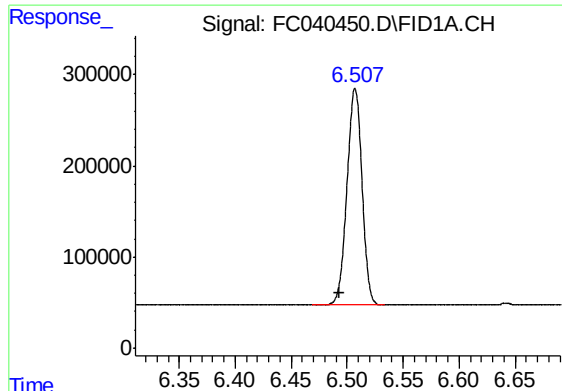
#3 A~Naphthalene (C11.7)

R.T.: 5.458 min
Delta R.T.: 0.013 min
Response: 2185322
Conc: 22.40 ug/ml



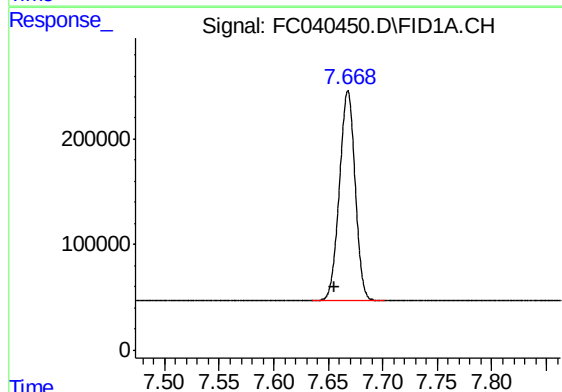
#4 n-Dodecane (C12)

R.T.: 5.877 min
Delta R.T.: 0.011 min
Response: 1920037
Conc: 22.23 ug/ml



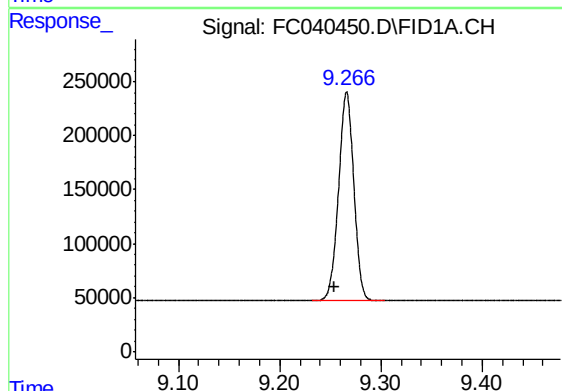
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.507 min
Delta R.T.: 0.014 min
Response: 2221929
Conc: 22.36 ug/ml



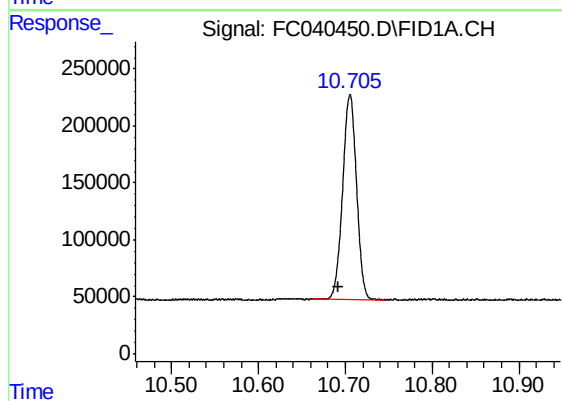
#6 n-Tetradecane (C14)

R.T.: 7.668 min
Delta R.T.: 0.012 min
Response: 1998737
Conc: 21.93 ug/ml



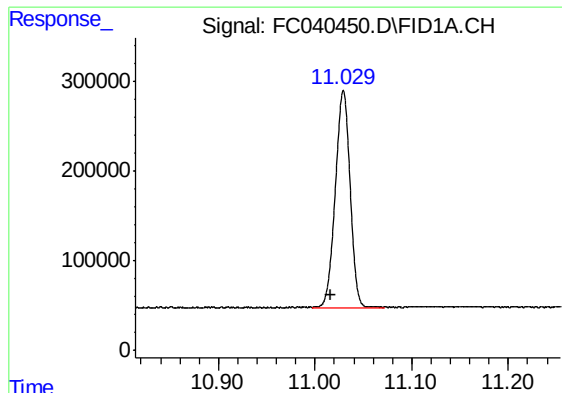
#7 n-Hexadecane (C16)

R.T.: 9.266 min
Delta R.T.: 0.012 min
Response: 2011060
Conc: 20.92 ug/ml



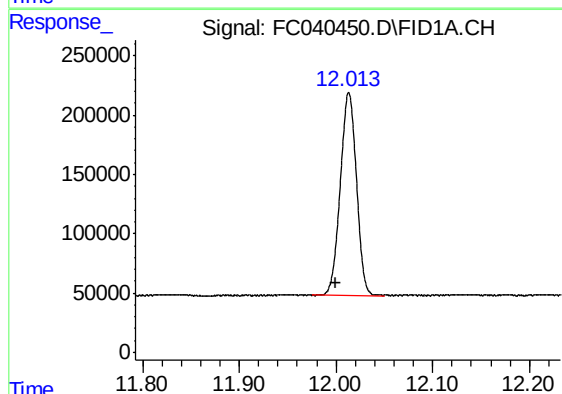
#8 n-Octadecane (C18)

R.T.: 10.706 min
Delta R.T.: 0.013 min
Response: 1999720
Conc: 19.94 ug/ml



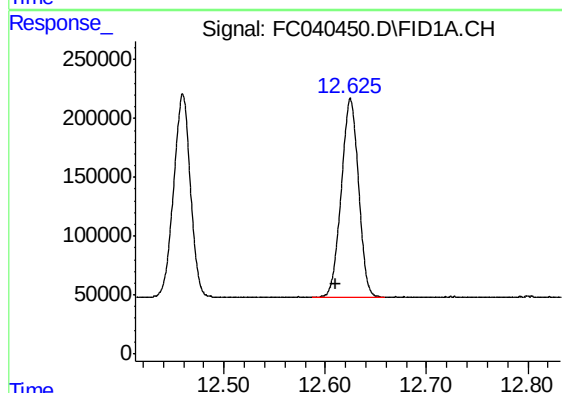
#9 ortho-Terphenyl (SURR)

R.T.: 11.029 min
Delta R.T.: 0.014 min
Response: 2578358
Conc: 20.02 ug/ml



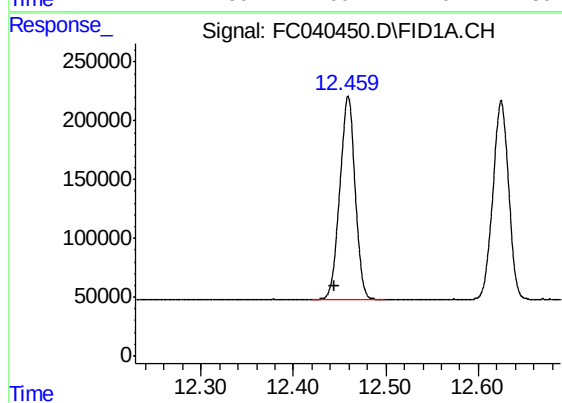
#10 n-Eicosane (C20)

R.T.: 12.013 min
Delta R.T.: 0.013 min
Response: 2000712
Conc: 19.66 ug/ml



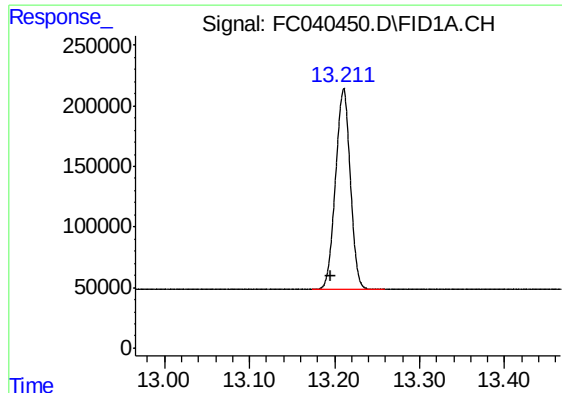
#11 n-Heneicosane (C21)

R.T.: 12.625 min
Delta R.T.: 0.015 min
Response: 1991480
Conc: 19.75 ug/ml



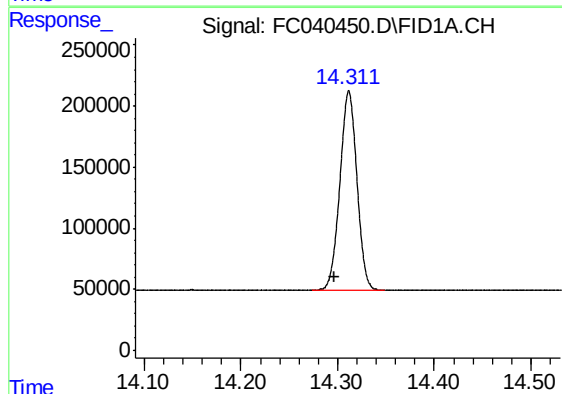
#12 1-chlorooctadecane (SURR)

R.T.: 12.459 min
Delta R.T.: 0.015 min
Response: 1980447
Conc: 20.05 ug/ml



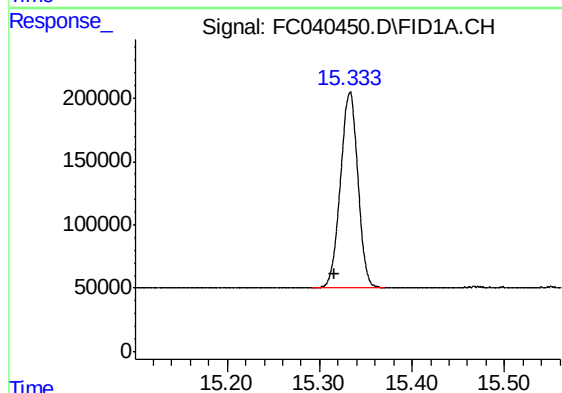
#13 n-Docosane (C22)

R.T.: 13.211 min
Delta R.T.: 0.015 min
Response: 1993287
Conc: 19.83 ug/ml



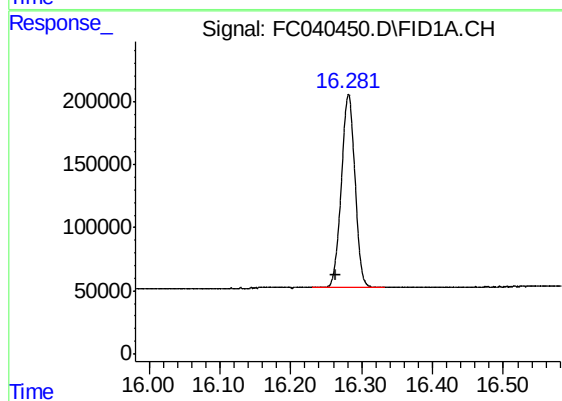
#14 n-Tetracosane (C24)

R.T.: 14.312 min
Delta R.T.: 0.015 min
Response: 2008911
Conc: 20.18 ug/ml



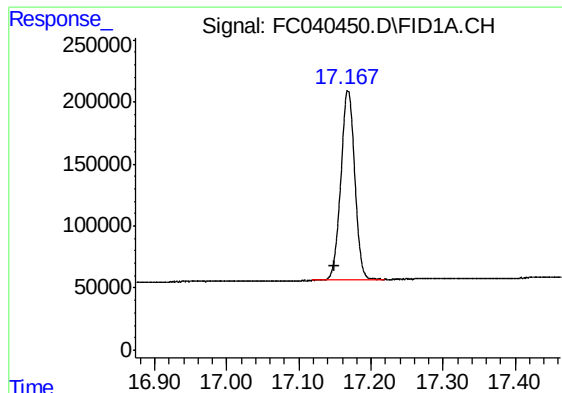
#15 n-Hexacosane (C26)

R.T.: 15.333 min
Delta R.T.: 0.017 min
Response: 2013926
Conc: 20.57 ug/ml



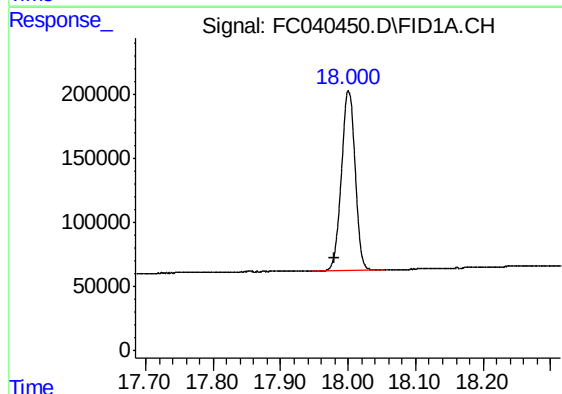
#16 n-Octacosane (C28)

R.T.: 16.282 min
Delta R.T.: 0.018 min
Response: 2042346
Conc: 20.82 ug/ml



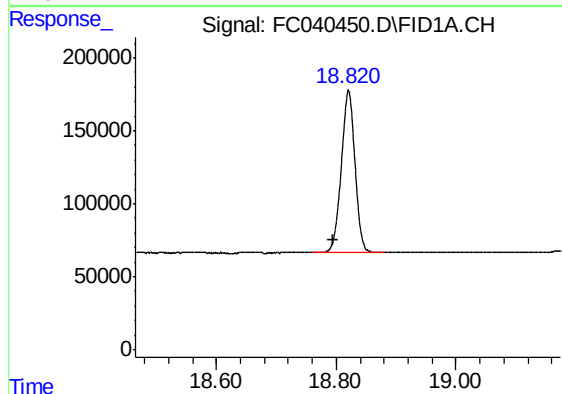
#17 n-Tricontane (C30)

R.T.: 17.168 min
Delta R.T.: 0.018 min
Response: 2038866
Conc: 20.84 ug/ml



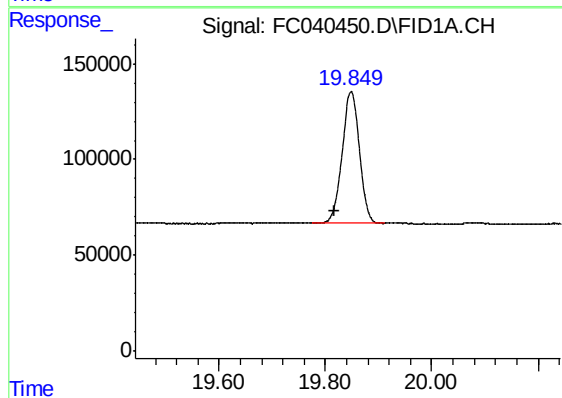
#18 n-Dotriacontane (C32)

R.T.: 18.001 min
Delta R.T.: 0.020 min
Response: 1977832
Conc: 20.44 ug/ml



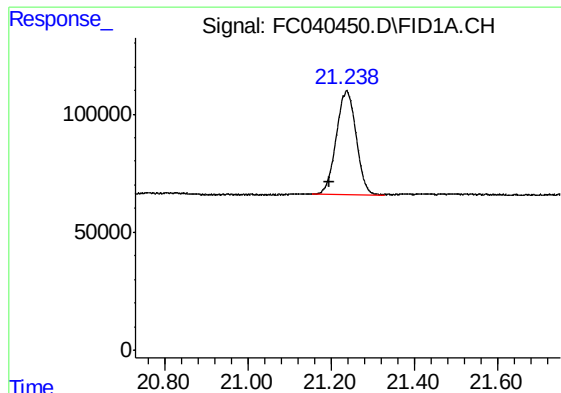
#19 n-Tetatriacontane (C34)

R.T.: 18.821 min
Delta R.T.: 0.025 min
Response: 1758185
Conc: 20.97 ug/ml



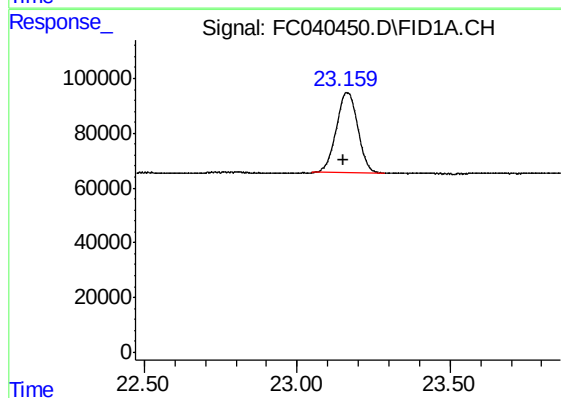
#20 n-Hexatriacontane (C36)

R.T.: 19.849 min
Delta R.T.: 0.031 min
Response: 1555699
Conc: 21.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.238 min
Delta R.T.: 0.042 min
Response: 1450715
Conc: 20.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.160 min
Delta R.T.: 0.010 min
Response: 1433740
Conc: 21.15 ug/ml