

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071719AL\
 Data File : FC042421.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jul 2019 9:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 18 00:55:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:56:11 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)	11.700	2318830	17.520 ug/ml
Spiked Amount 50.000		Recovery =	35.04%
12) S 1-chlorooctadecane (S...	13.123	1889560	17.236 ug/ml
Spiked Amount 50.000		Recovery =	34.47%
Target Compounds			
1) T n-Nonane (C9)	3.497	2182787	18.748 ug/ml
2) T n-Decane (C10)	4.561	2217993	18.799 ug/ml
3) T A~Naphthalene (C11.7)	6.150	2442502	18.816 ug/ml
4) T n-Dodecane (C12)	6.566	2235629	18.841 ug/ml
5) T A~2-methylnaphthalene...	7.200	2443292	18.803 ug/ml
6) T n-Tetradecane (C14)	8.349	2238705	18.816 ug/ml
7) T n-Hexadecane (C16)	9.940	2236772	18.629 ug/ml
8) T n-Octadecane (C18)	11.375	2222664	18.213 ug/ml
10) T n-Eicosane (C20)	12.678	2205400	17.684 ug/ml
11) T n-Heneicosane (C21)	13.288	2174823	17.374 ug/ml
13) T n-Docosane (C22)	13.871	2144053	17.094 ug/ml
14) T n-Tetracosane (C24)	14.971	2080434	16.424 ug/ml
15) T n-Hexacosane (C26)	15.987	1997752	15.799 ug/ml
16) T n-Octacosane (C28)	16.933	1941411	15.385 ug/ml
17) T n-Tricontane (C30)	17.819	1860479	15.176 ug/ml
18) T n-Dotriacontane (C32)	18.649	1710814	15.312 ug/ml
19) T n-Tetratriacontane (C34)	19.429	1466680	15.837 ug/ml
20) T n-Hexatriacontane (C36)	20.168	1317938	16.537 ug/ml
21) T n-Octatriacontane (C38)	20.918	1274301	17.774 ug/ml
22) T n-Tetracontane (C40)	21.856	1316803	18.976 ug/ml

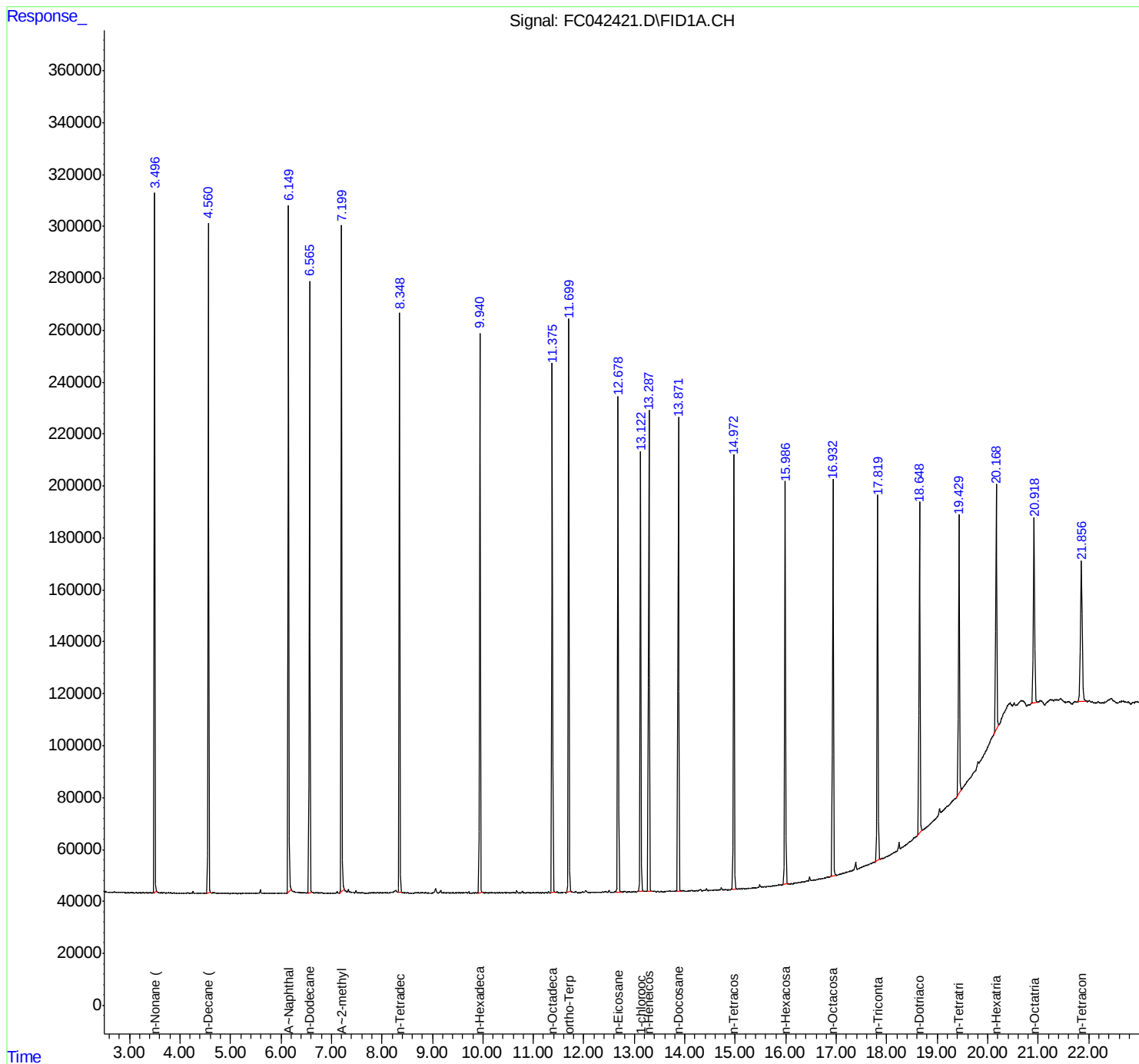
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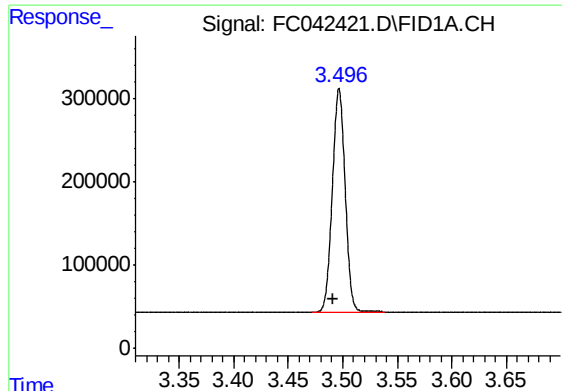
(m)=manual int.

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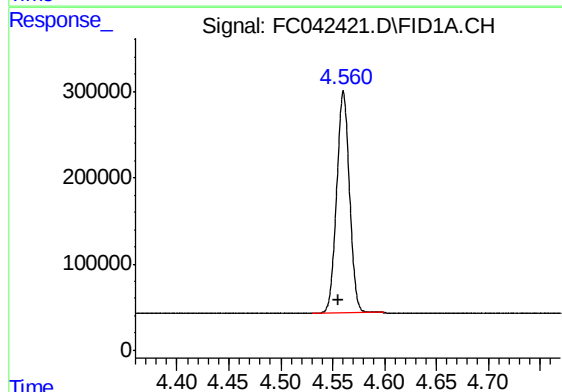
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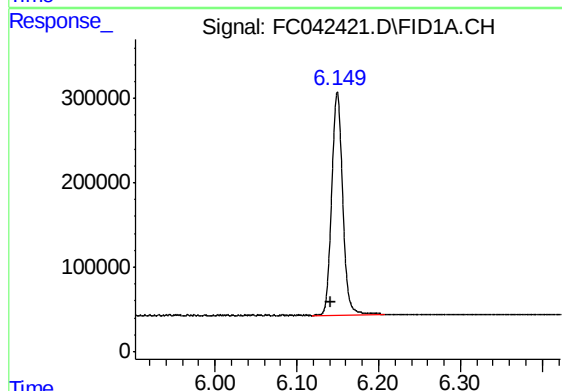
#1 n-Nonane (C9)

R.T.: 3.497 min
Delta R.T.: 0.006 min
Response: 2182787
Conc: 18.75 ug/ml



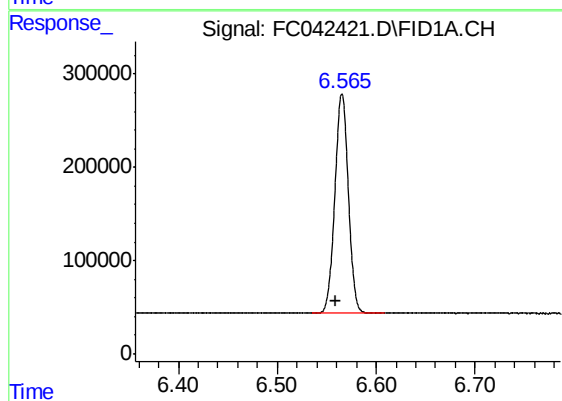
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: 0.006 min
Response: 2217993
Conc: 18.80 ug/ml



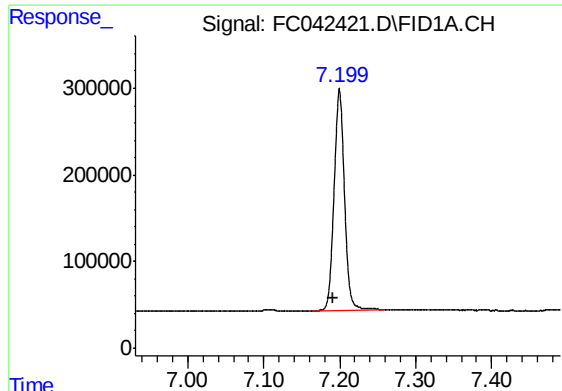
#3 A~Naphthalene (C11.7)

R.T.: 6.150 min
Delta R.T.: 0.008 min
Response: 2442502
Conc: 18.82 ug/ml



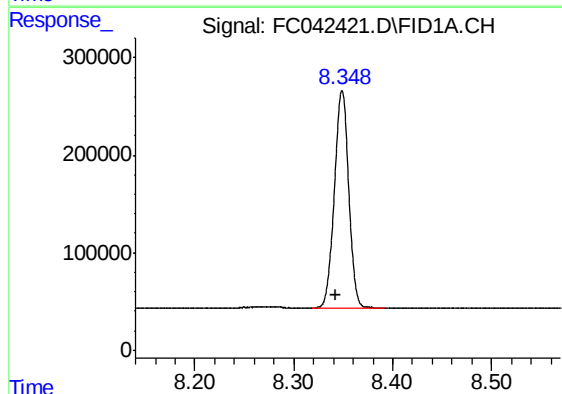
#4 n-Dodecane (C12)

R.T.: 6.566 min
Delta R.T.: 0.006 min
Response: 2235629
Conc: 18.84 ug/ml



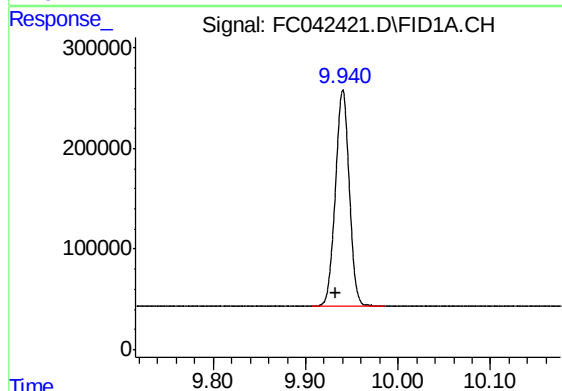
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.200 min
Delta R.T.: 0.009 min
Response: 2443292
Conc: 18.80 ug/ml



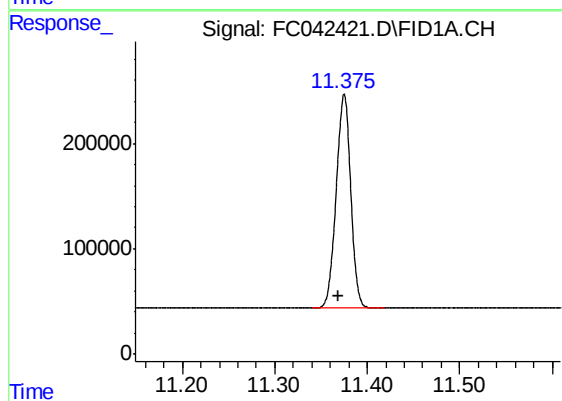
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.007 min
Response: 2238705
Conc: 18.82 ug/ml



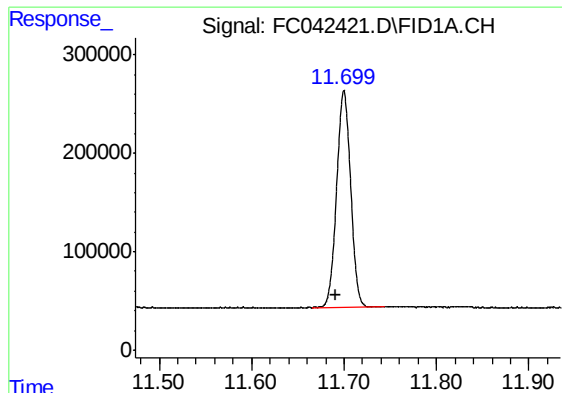
#7 n-Hexadecane (C16)

R.T.: 9.940 min
Delta R.T.: 0.007 min
Response: 2236772
Conc: 18.63 ug/ml



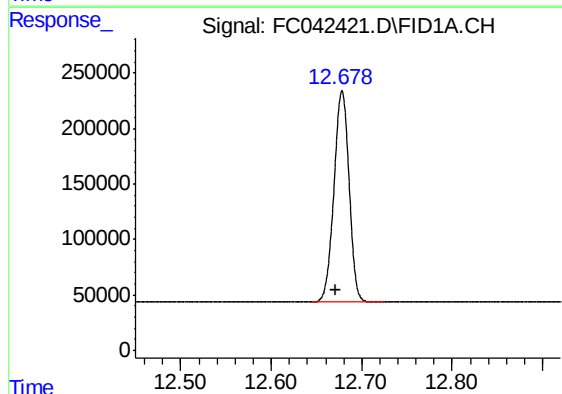
#8 n-Octadecane (C18)

R.T.: 11.375 min
Delta R.T.: 0.007 min
Response: 2222664
Conc: 18.21 ug/ml



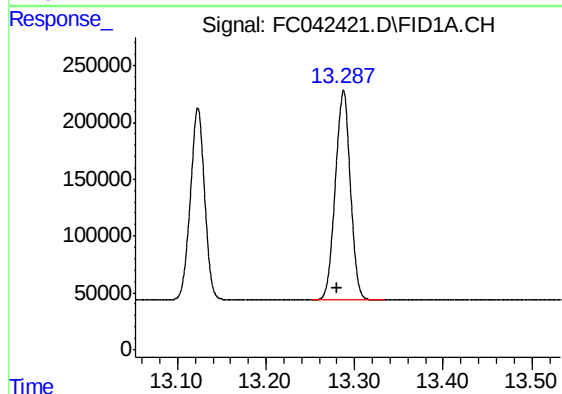
#9 ortho-Terphenyl (SURR)

R.T.: 11.700 min
Delta R.T.: 0.009 min
Response: 2318830
Conc: 17.52 ug/ml



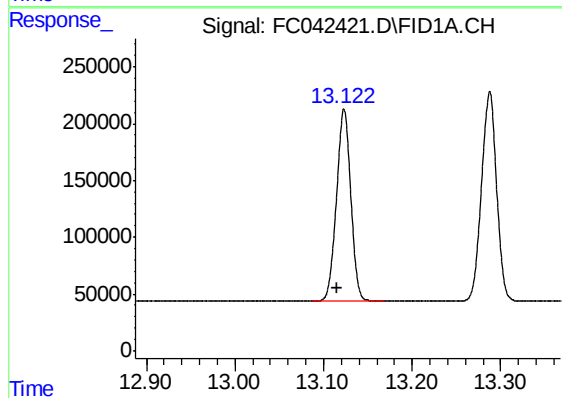
#10 n-Eicosane (C20)

R.T.: 12.678 min
Delta R.T.: 0.008 min
Response: 2205400
Conc: 17.68 ug/ml



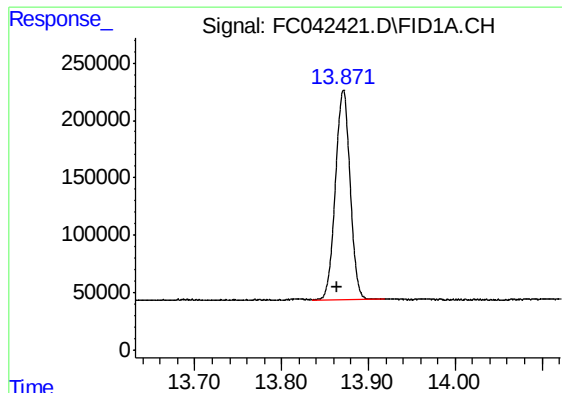
#11 n-Heneicosane (C21)

R.T.: 13.288 min
Delta R.T.: 0.008 min
Response: 2174823
Conc: 17.37 ug/ml



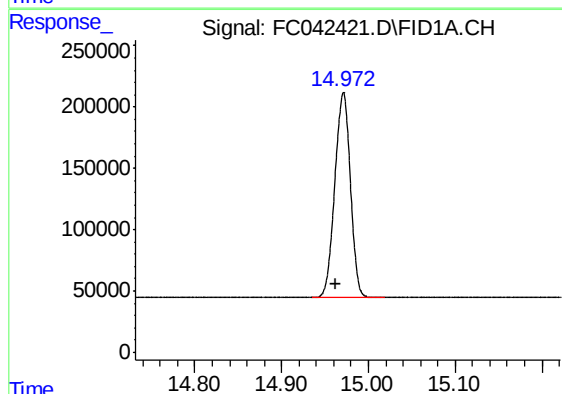
#12 1-chlorooctadecane (SURR)

R.T.: 13.123 min
Delta R.T.: 0.008 min
Response: 1889560
Conc: 17.24 ug/ml



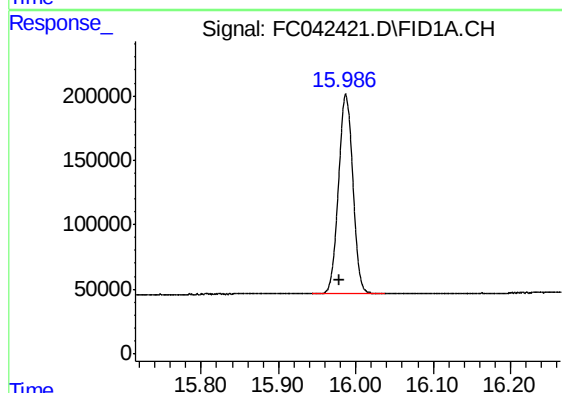
#13 n-Docosane (C22)

R.T.: 13.871 min
Delta R.T.: 0.007 min
Response: 2144053
Conc: 17.09 ug/ml



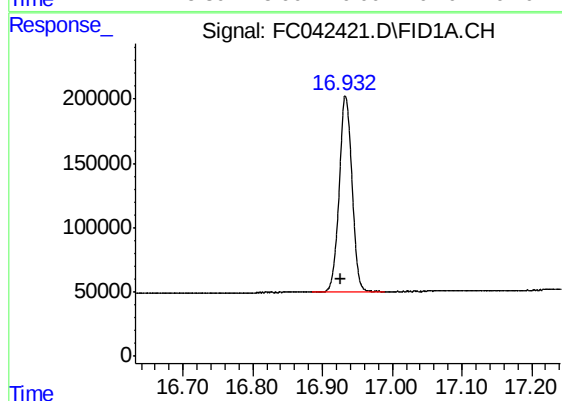
#14 n-Tetracosane (C24)

R.T.: 14.971 min
Delta R.T.: 0.010 min
Response: 2080434
Conc: 16.42 ug/ml



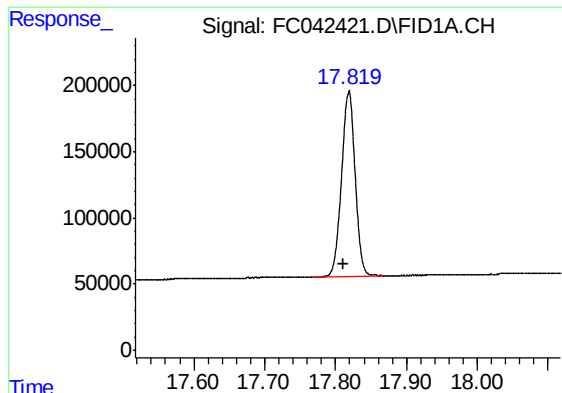
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: 0.008 min
Response: 1997752
Conc: 15.80 ug/ml



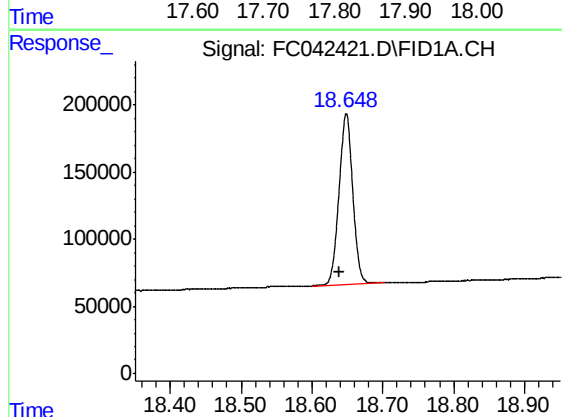
#16 n-Octacosane (C28)

R.T.: 16.933 min
Delta R.T.: 0.006 min
Response: 1941411
Conc: 15.38 ug/ml



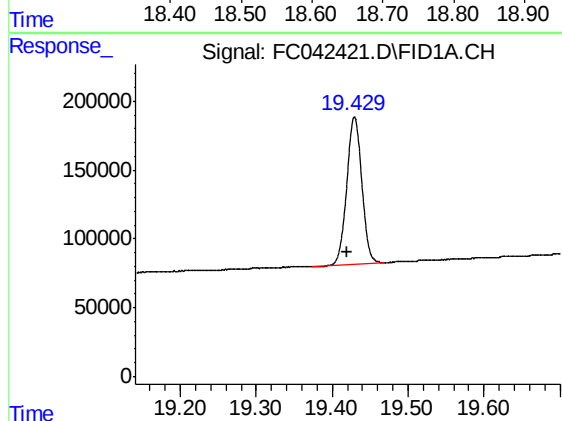
#17 n-Tricontane (C30)

R.T.: 17.819 min
Delta R.T.: 0.008 min
Response: 1860479
Conc: 15.18 ug/ml



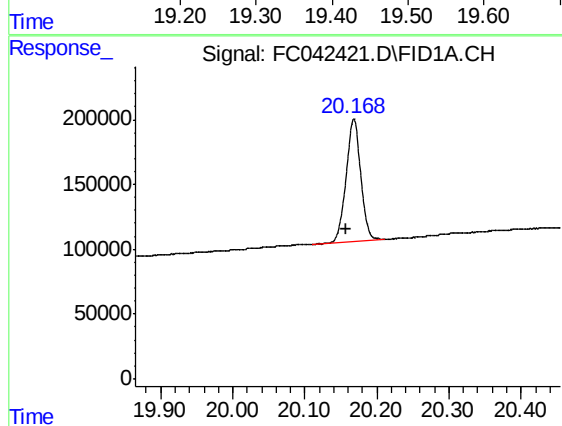
#18 n-Dotriacontane (C32)

R.T.: 18.649 min
Delta R.T.: 0.010 min
Response: 1710814
Conc: 15.31 ug/ml



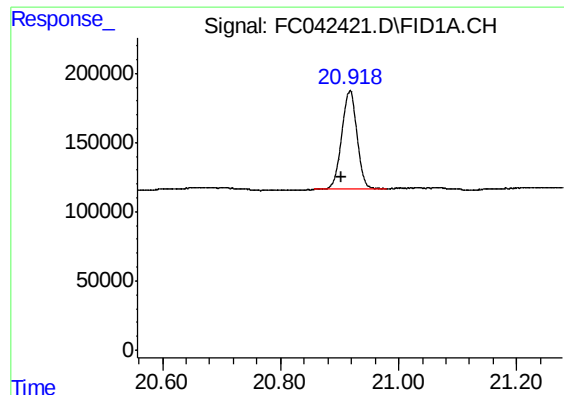
#19 n-Tetatriacontane (C34)

R.T.: 19.429 min
Delta R.T.: 0.009 min
Response: 1466680
Conc: 15.84 ug/ml



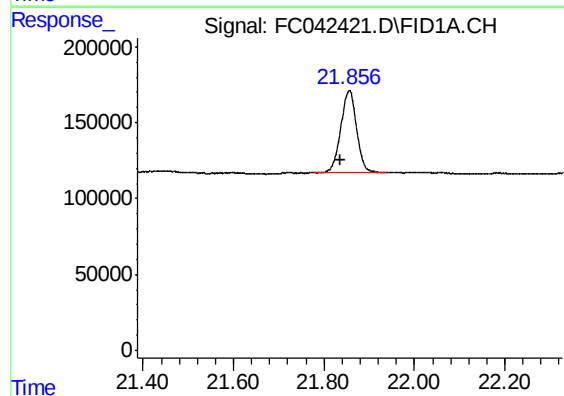
#20 n-Hexatriacontane (C36)

R.T.: 20.168 min
Delta R.T.: 0.010 min
Response: 1317938
Conc: 16.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: 0.014 min
Response: 1274301
Conc: 17.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.856 min
Delta R.T.: 0.019 min
Response: 1316803
Conc: 18.98 ug/ml