

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110619AL\
 Data File : FC044379.D
 Signal(s) : FID1A.CH
 Acq On : 07 Nov 2019 6:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 07 06:35:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 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)	11.721	2370678	16.264 ug/ml
Spiked Amount 50.000		Recovery =	32.53%
12) S 1-chlorooctadecane (S...	13.150	1777649	15.898 ug/ml
Spiked Amount 50.000		Recovery =	31.80%
Target Compounds			
1) T n-Nonane (C9)	3.451	2307882	20.951 ug/ml
2) T n-Decane (C10)	4.527	2332236	20.998 ug/ml
3) T A-Naphthalene (C11.7)	6.128	2576598	20.709 ug/ml
4) T n-Dodecane (C12)	6.553	2345438	20.855 ug/ml
5) T A~2-methylnaphthalene...	7.187	2577976	20.443 ug/ml
6) T n-Tetradecane (C14)	8.349	2318888	20.497 ug/ml
7) T n-Hexadecane (C16)	9.951	2279601	19.951 ug/ml
8) T n-Octadecane (C18)	11.393	2215293	19.349 ug/ml
10) T n-Eicosane (C20)	12.705	2130745	18.683 ug/ml
11) T n-Heneicosane (C21)	13.317	2102611	18.331 ug/ml
13) T n-Docosane (C22)	13.903	2049127	18.045 ug/ml
14) T n-Tetracosane (C24)	15.008	1976125	17.475 ug/ml
15) T n-Hexacosane (C26)	16.030	1906798	17.234 ug/ml
16) T n-Octacosane (C28)	16.983	1868309	17.247 ug/ml
17) T n-Tricontane (C30)	17.871	1879393	17.758 ug/ml
18) T n-Dotriacontane (C32)	18.705	1866793	18.536 ug/ml
19) T n-Tetratriacontane (C34)	19.491	1867107	19.912 ug/ml
20) T n-Hexatriacontane (C36)	20.231	1850632	21.318 ug/ml
21) T n-Octatriacontane (C38)	21.003	1766122	21.901 ug/ml
22) T n-Tetracontane (C40)	21.974	1803014	21.330 ug/ml

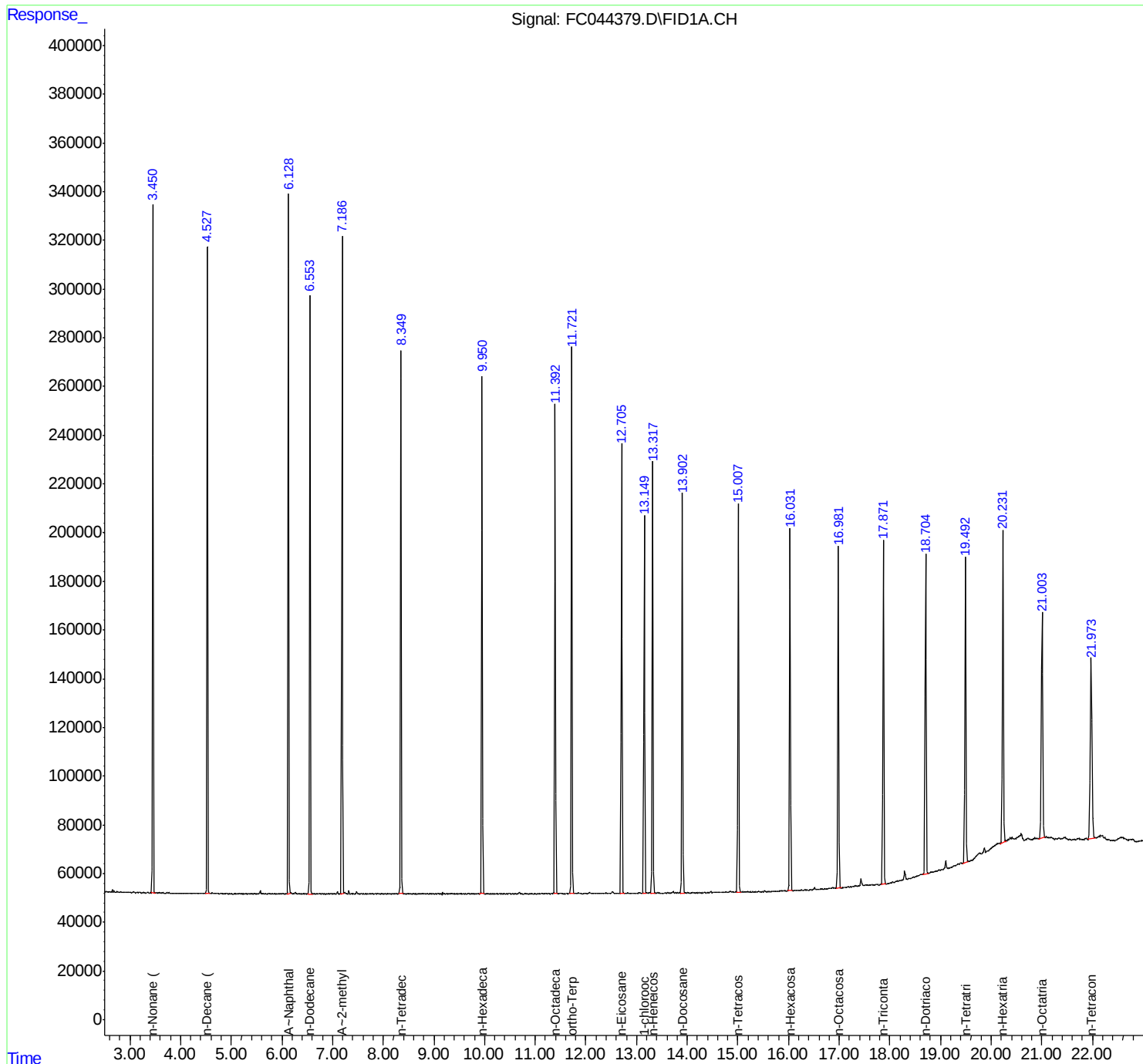
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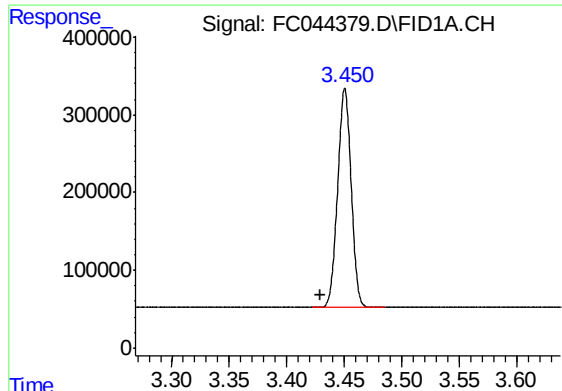
(m)=manual int.

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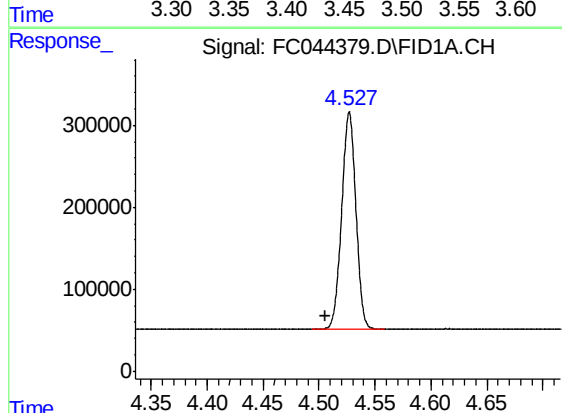
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Signal Info : 20M x 0.18mm x 0.18um





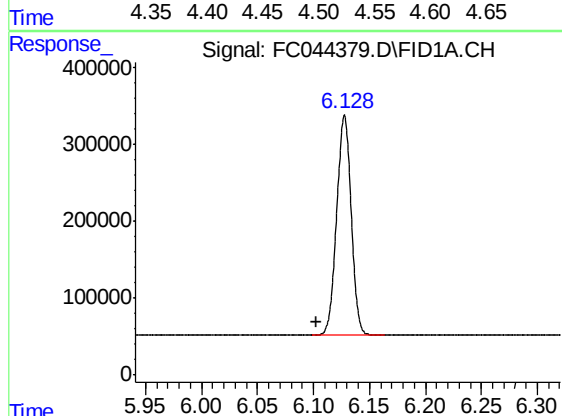
#1 n-Nonane (C9)

R.T.: 3.451 min
Delta R.T.: 0.022 min
Response: 2307882
Conc: 20.95 ug/ml



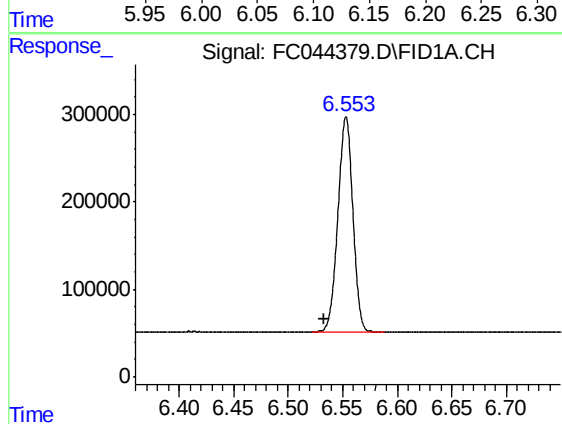
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.021 min
Response: 2332236
Conc: 21.00 ug/ml



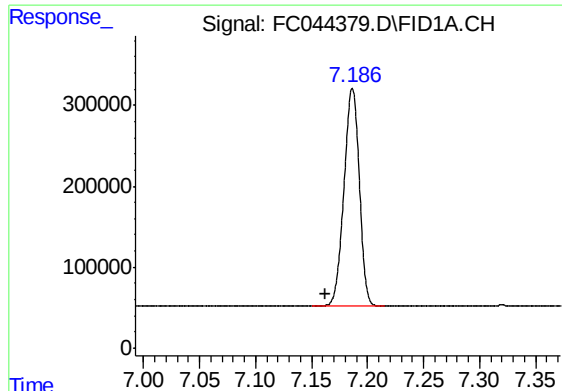
#3 A~Naphthalene (C11.7)

R.T.: 6.128 min
Delta R.T.: 0.025 min
Response: 2576598
Conc: 20.71 ug/ml



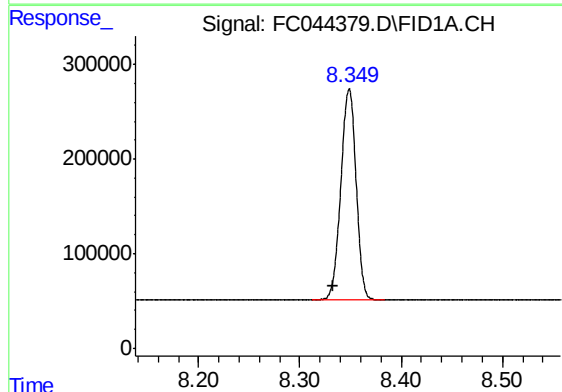
#4 n-Dodecane (C12)

R.T.: 6.553 min
Delta R.T.: 0.020 min
Response: 2345438
Conc: 20.85 ug/ml



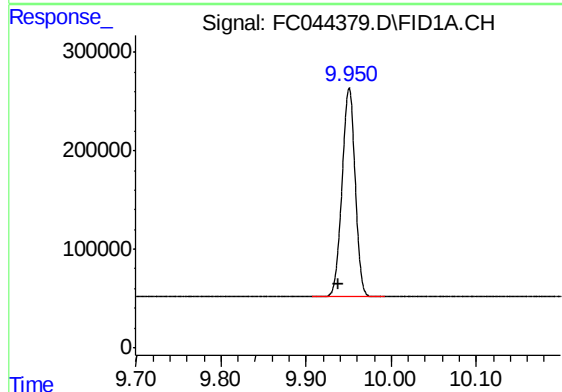
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.187 min
Delta R.T.: 0.024 min
Response: 2577976
Conc: 20.44 ug/ml



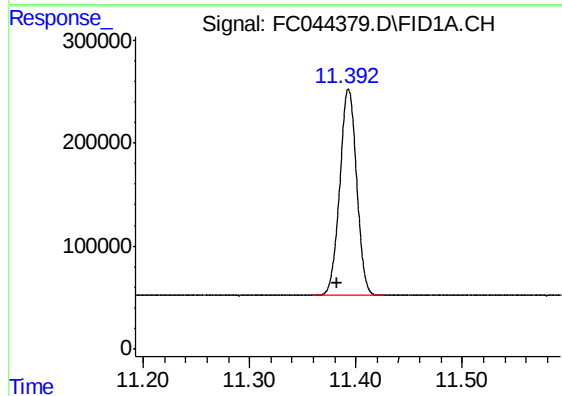
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.016 min
Response: 2318888
Conc: 20.50 ug/ml



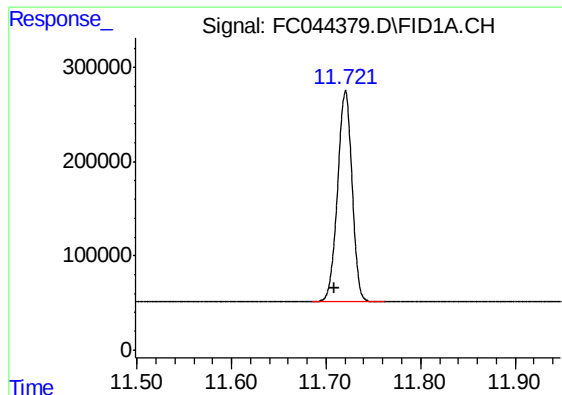
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.012 min
Response: 2279601
Conc: 19.95 ug/ml



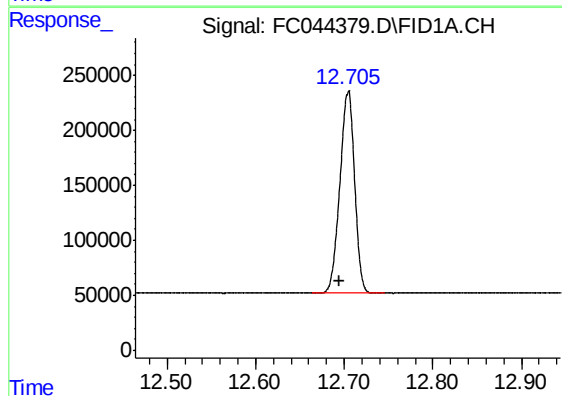
#8 n-Octadecane (C18)

R.T.: 11.393 min
Delta R.T.: 0.010 min
Response: 2215293
Conc: 19.35 ug/ml



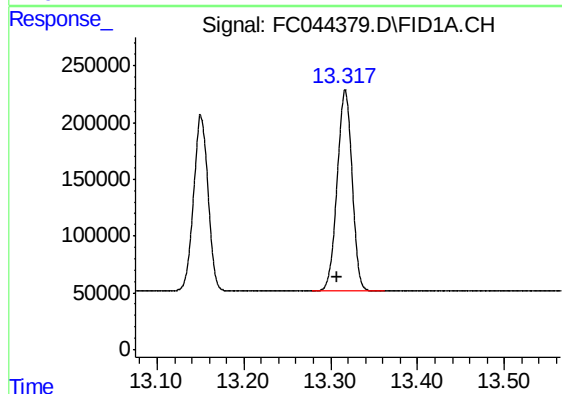
#9 ortho-Terphenyl (SURR)

R.T.: 11.721 min
Delta R.T.: 0.012 min
Response: 2370678
Conc: 16.26 ug/ml



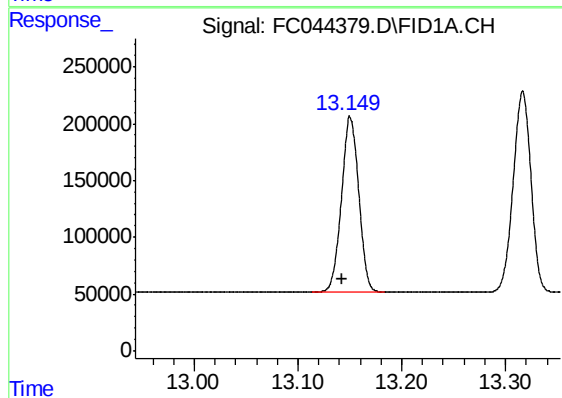
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: 0.010 min
Response: 2130745
Conc: 18.68 ug/ml



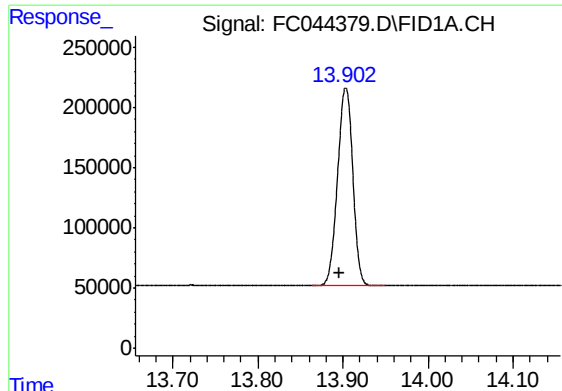
#11 n-Heneicosane (C21)

R.T.: 13.317 min
Delta R.T.: 0.009 min
Response: 2102611
Conc: 18.33 ug/ml



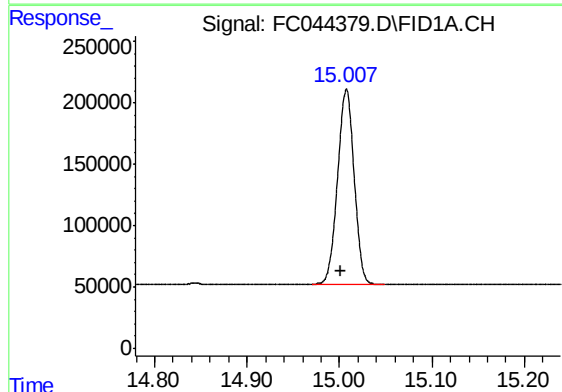
#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: 0.008 min
Response: 1777649
Conc: 15.90 ug/ml



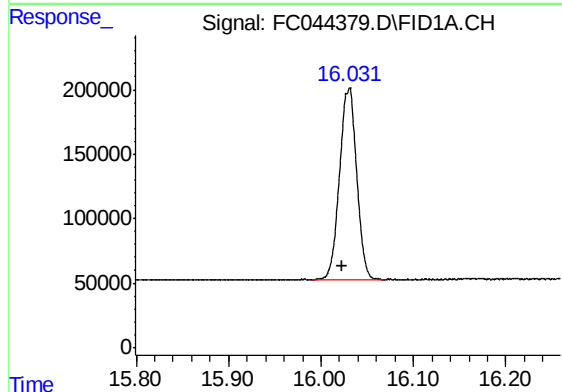
#13 n-Docosane (C22)

R.T.: 13.903 min
Delta R.T.: 0.008 min
Response: 2049127
Conc: 18.04 ug/ml



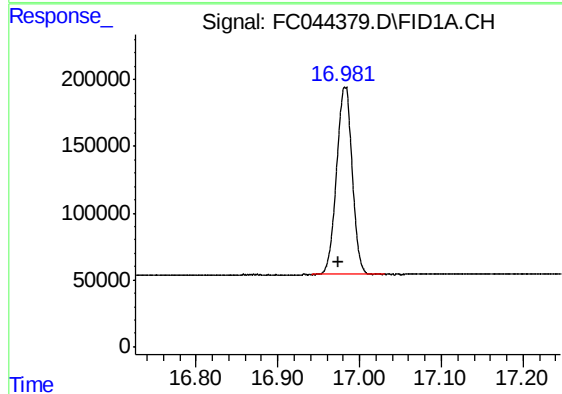
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: 0.007 min
Response: 1976125
Conc: 17.48 ug/ml



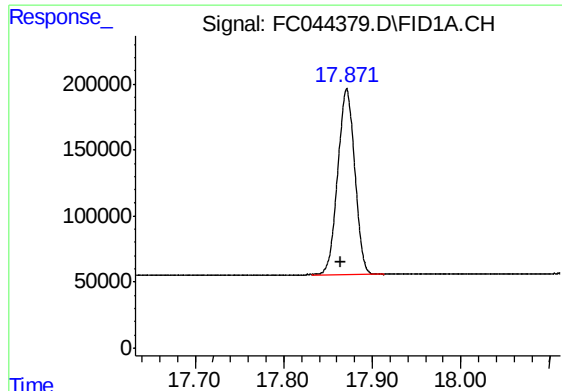
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: 0.007 min
Response: 1906798
Conc: 17.23 ug/ml



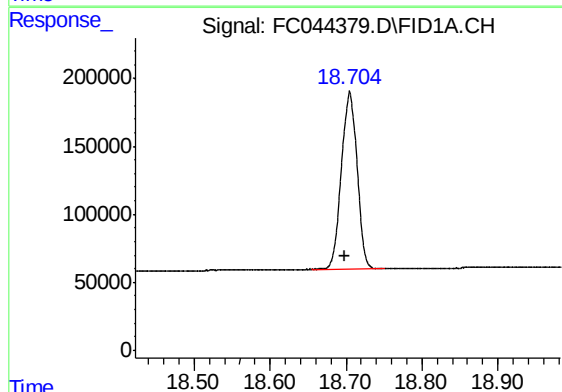
#16 n-Octacosane (C28)

R.T.: 16.983 min
Delta R.T.: 0.008 min
Response: 1868309
Conc: 17.25 ug/ml



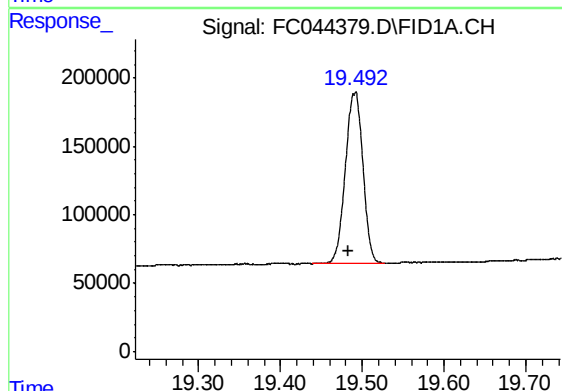
#17 n-Tricontane (C30)

R.T.: 17.871 min
Delta R.T.: 0.007 min
Response: 1879393
Conc: 17.76 ug/ml



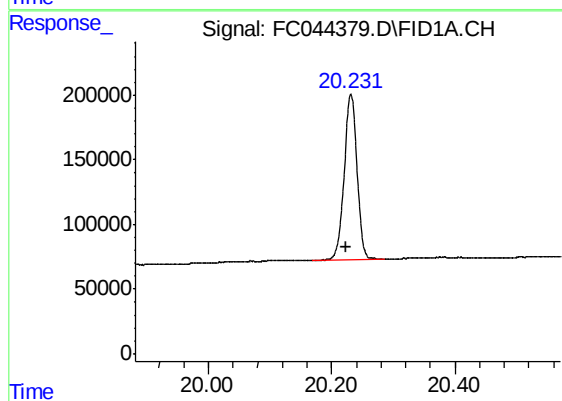
#18 n-Dotriacontane (C32)

R.T.: 18.705 min
Delta R.T.: 0.006 min
Response: 1866793
Conc: 18.54 ug/ml



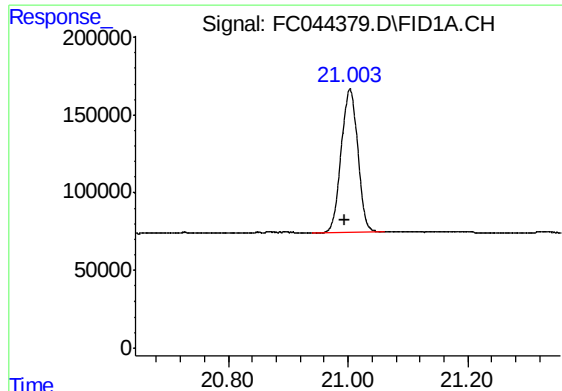
#19 n-Tetatriacontane (C34)

R.T.: 19.491 min
Delta R.T.: 0.008 min
Response: 1867107
Conc: 19.91 ug/ml



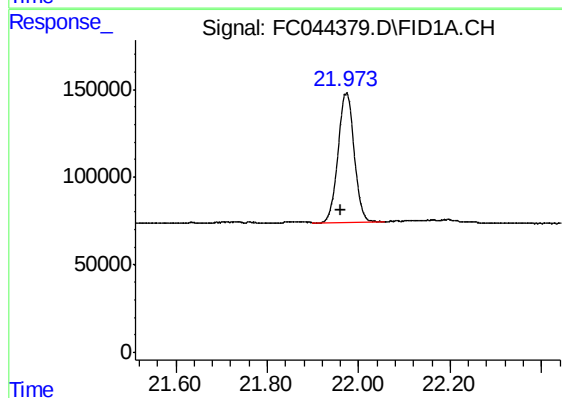
#20 n-Hexatriacontane (C36)

R.T.: 20.231 min
Delta R.T.: 0.008 min
Response: 1850632
Conc: 21.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.003 min
Delta R.T.: 0.009 min
Response: 1766122
Conc: 21.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: 0.012 min
Response: 1803014
Conc: 21.33 ug/ml