

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121319AL\
 Data File : FC044918.D
 Signal(s) : FID1A.CH
 Acq On : 13 Dec 2019 21:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 13 23:07:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.757	2346460	20.592 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
12) S 1-chlorooctadecane (S...	13.181	1848505	20.874 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
Target Compounds			
1) T n-Nonane (C9)	3.505	2219116	21.828 ug/ml
2) T n-Decane (C10)	4.579	2240619	22.063 ug/ml
3) T A-Naphthalene (C11.7)	6.179	2498279	21.867 ug/ml
4) T n-Dodecane (C12)	6.598	2259615	22.210 ug/ml
5) T A~2-methylnaphthalene...	7.235	2503824	21.835 ug/ml
6) T n-Tetradecane (C14)	8.390	2265391	22.225 ug/ml
7) T n-Hexadecane (C16)	9.988	2262295	22.048 ug/ml
8) T n-Octadecane (C18)	11.428	2239591	21.630 ug/ml
10) T n-Eicosane (C20)	12.735	2194799	21.040 ug/ml
11) T n-Heneicosane (C21)	13.346	2174787	20.617 ug/ml
13) T n-Docosane (C22)	13.933	2149646	20.377 ug/ml
14) T n-Tetracosane (C24)	15.032	2090985	19.531 ug/ml
15) T n-Hexacosane (C26)	16.053	2022671	19.005 ug/ml
16) T n-Octacosane (C28)	17.001	1958368	18.659 ug/ml
17) T n-Tricontane (C30)	17.887	1876051	18.737 ug/ml
18) T n-Dotriacontane (C32)	18.719	1599949	19.216 ug/ml
19) T n-Tetratriacontane (C34)	19.502	1372070	19.998 ug/ml
20) T n-Hexatriacontane (C36)	20.238	1266460	21.218 ug/ml
21) T n-Octatriacontane (C38)	21.008	1184382	22.032 ug/ml
22) T n-Tetracontane (C40)	21.974	1224927	22.863 ug/ml

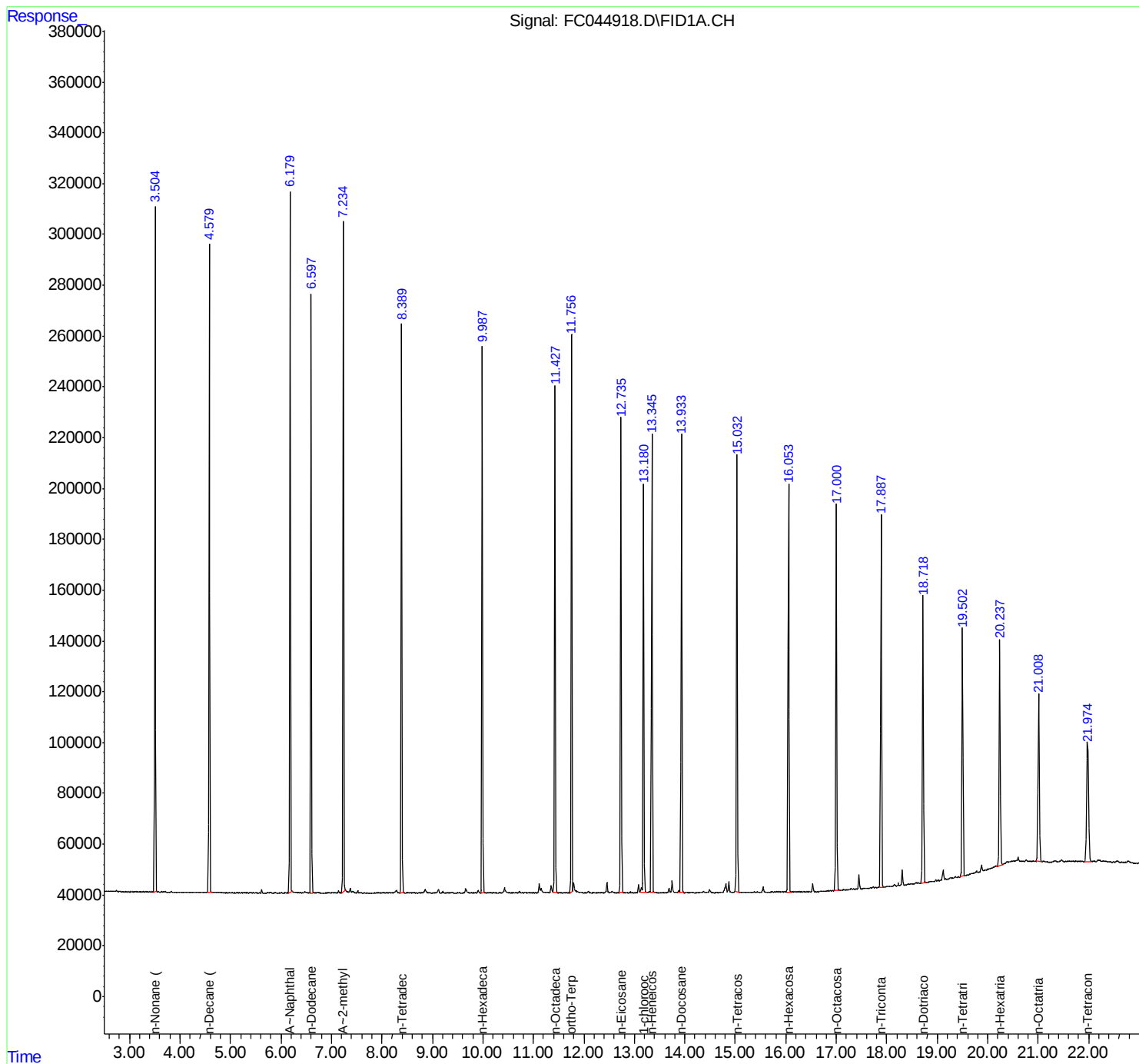
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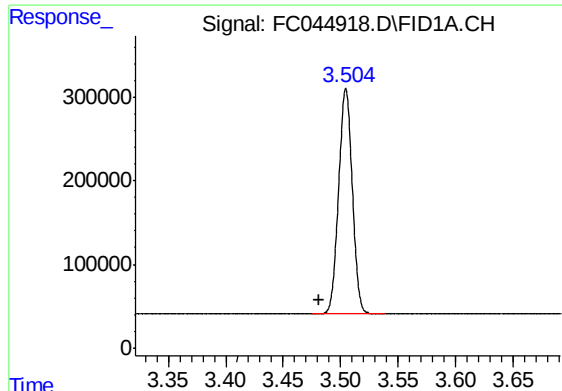
(m)=manual int.

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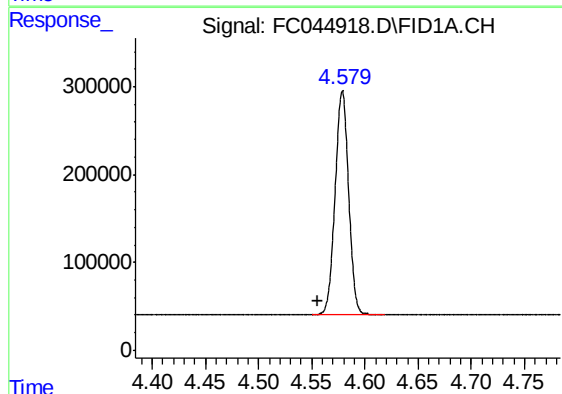
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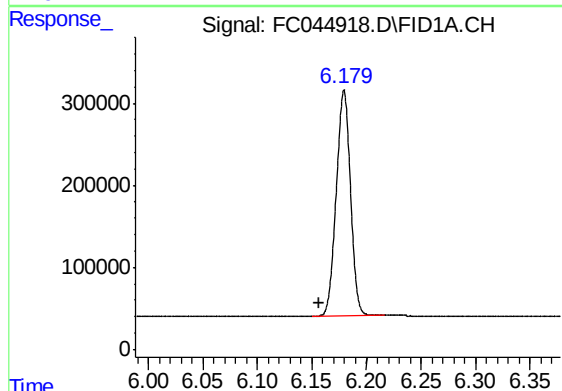
#1 n-Nonane (C9)

R.T.: 3.505 min
Delta R.T.: 0.024 min
Response: 2219116
Conc: 21.83 ug/ml



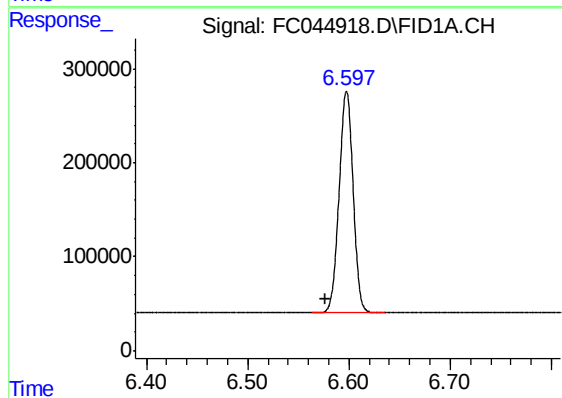
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.023 min
Response: 2240619
Conc: 22.06 ug/ml



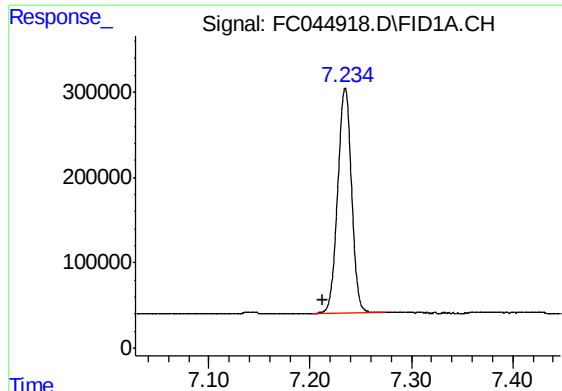
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: 0.023 min
Response: 2498279
Conc: 21.87 ug/ml



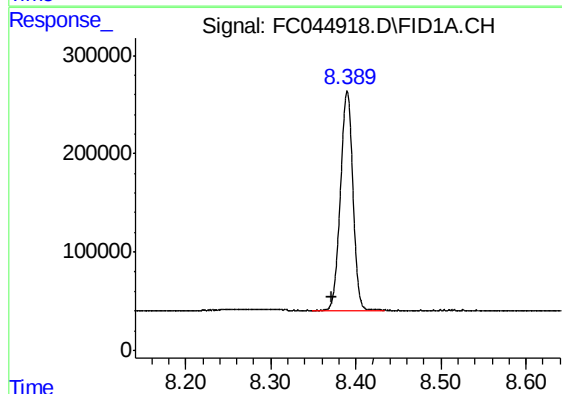
#4 n-Dodecane (C12)

R.T.: 6.598 min
Delta R.T.: 0.020 min
Response: 2259615
Conc: 22.21 ug/ml



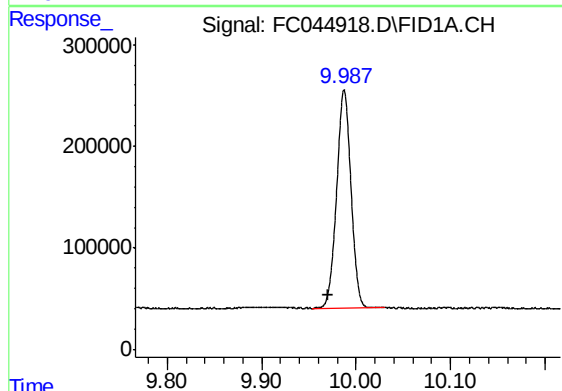
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.235 min
Delta R.T.: 0.022 min
Response: 2503824
Conc: 21.84 ug/ml



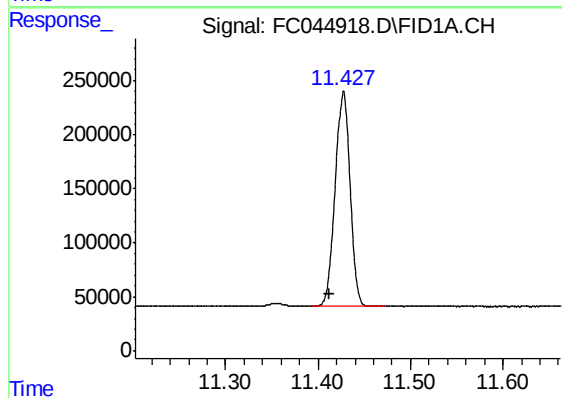
#6 n-Tetradecane (C14)

R.T.: 8.390 min
Delta R.T.: 0.019 min
Response: 2265391
Conc: 22.22 ug/ml



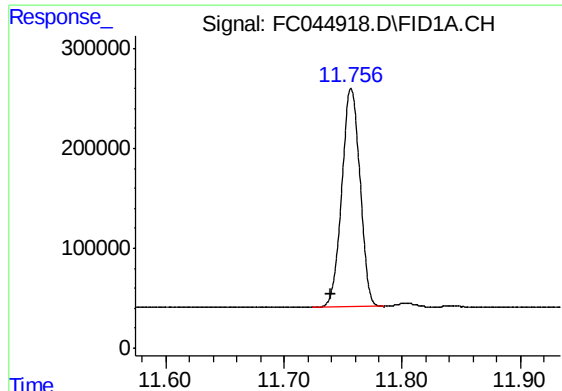
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.017 min
Response: 2262295
Conc: 22.05 ug/ml



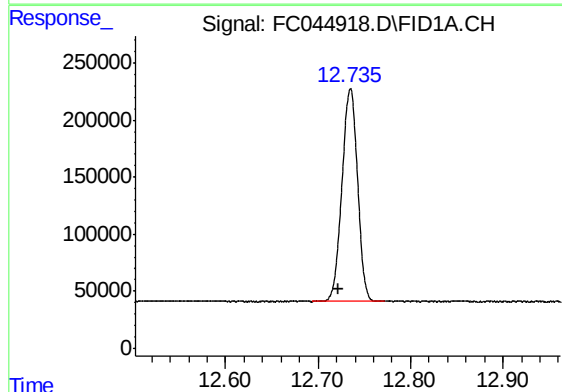
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: 0.015 min
Response: 2239591
Conc: 21.63 ug/ml



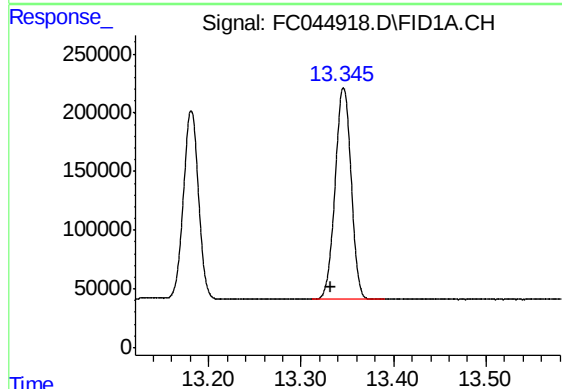
#9 ortho-Terphenyl (SURR)

R.T.: 11.757 min
Delta R.T.: 0.017 min
Response: 2346460
Conc: 20.59 ug/ml



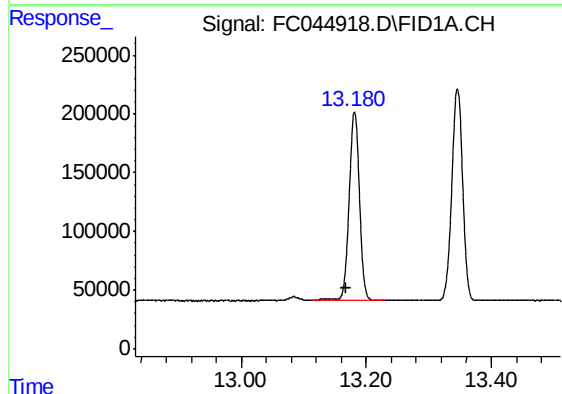
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: 0.014 min
Response: 2194799
Conc: 21.04 ug/ml



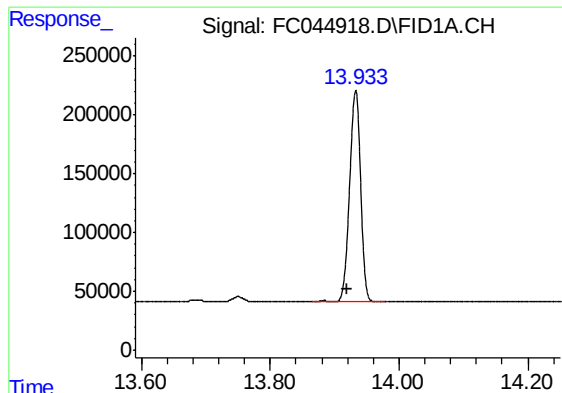
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: 0.014 min
Response: 2174787
Conc: 20.62 ug/ml



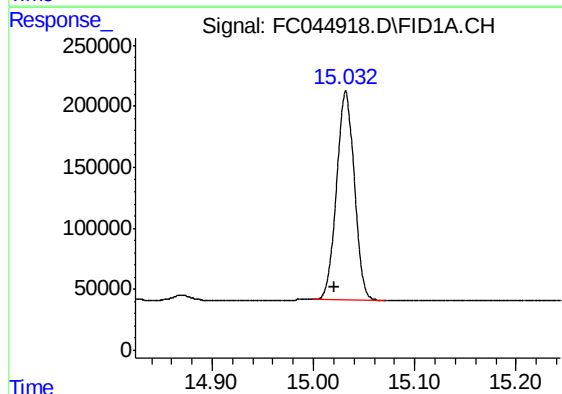
#12 1-chlorooctadecane (SURR)

R.T.: 13.181 min
Delta R.T.: 0.014 min
Response: 1848505
Conc: 20.87 ug/ml



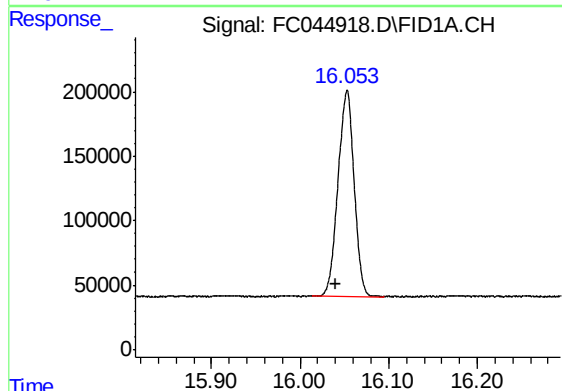
#13 n-Docosane (C22)

R.T.: 13.933 min
Delta R.T.: 0.014 min
Response: 2149646
Conc: 20.38 ug/ml



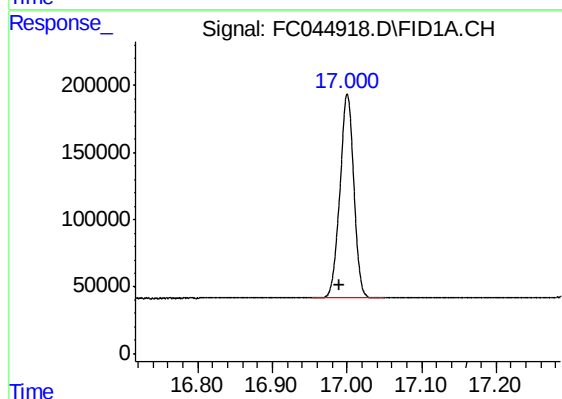
#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: 0.011 min
Response: 2090985
Conc: 19.53 ug/ml



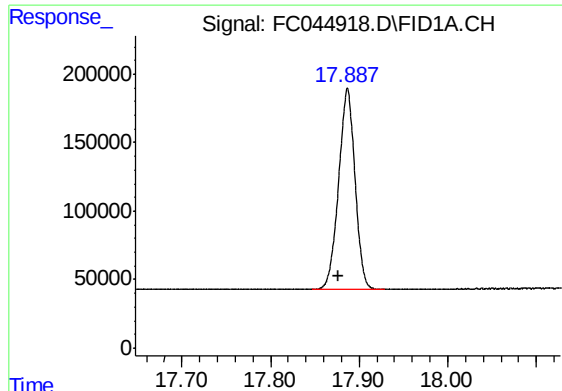
#15 n-Hexacosane (C26)

R.T.: 16.053 min
Delta R.T.: 0.012 min
Response: 2022671
Conc: 19.01 ug/ml



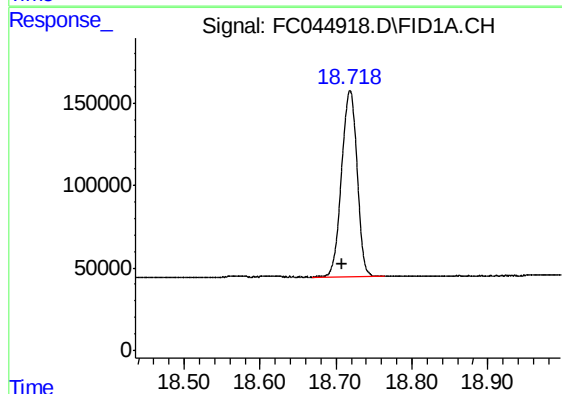
#16 n-Octacosane (C28)

R.T.: 17.001 min
Delta R.T.: 0.011 min
Response: 1958368
Conc: 18.66 ug/ml



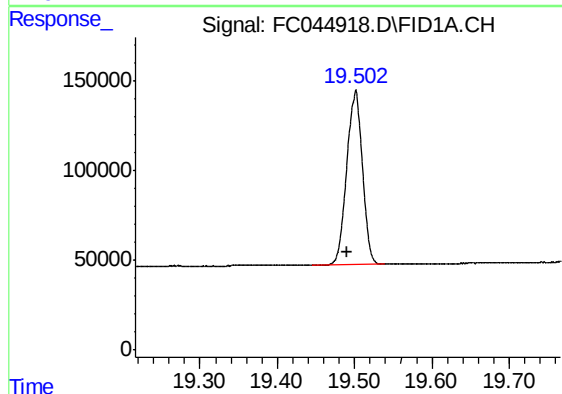
#17 n-Tricontane (C30)

R.T.: 17.887 min
Delta R.T.: 0.010 min
Response: 1876051
Conc: 18.74 ug/ml



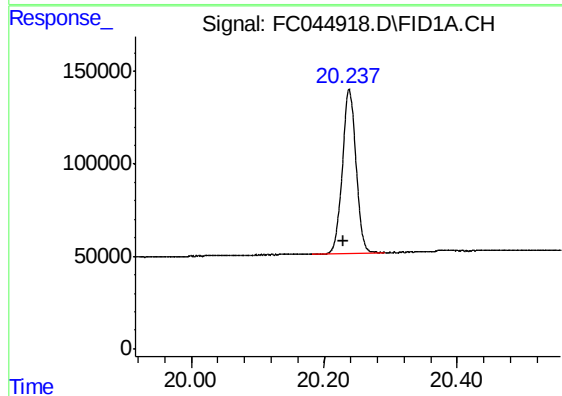
#18 n-Dotriacontane (C32)

R.T.: 18.719 min
Delta R.T.: 0.010 min
Response: 1599949
Conc: 19.22 ug/ml



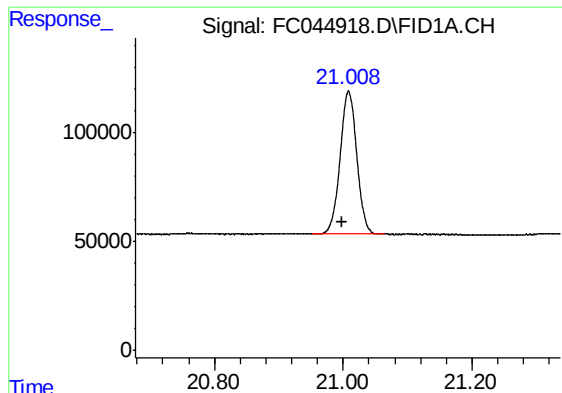
#19 n-Tetatriacontane (C34)

R.T.: 19.502 min
Delta R.T.: 0.010 min
Response: 1372070
Conc: 20.00 ug/ml



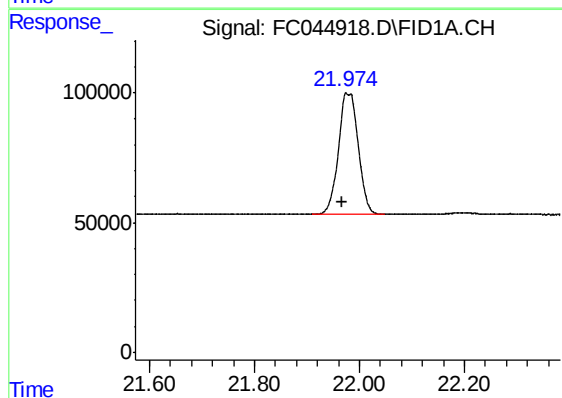
#20 n-Hexatriacontane (C36)

R.T.: 20.238 min
Delta R.T.: 0.009 min
Response: 1266460
Conc: 21.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.008 min
Delta R.T.: 0.010 min
Response: 1184382
Conc: 22.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: 0.008 min
Response: 1224927
Conc: 22.86 ug/ml