

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072319AL\
 Data File : FC042507.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jul 2019 12:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 24 01:41:29 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)	11.695	2813540	21.257 ug/ml
Spiked Amount 50.000		Recovery =	42.51%
12) S 1-chlorooctadecane (S...	13.117	2307700	21.050 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
Target Compounds			
1) T n-Nonane (C9)	3.492	2545635	21.865 ug/ml
2) T n-Decane (C10)	4.557	2696005	22.851 ug/ml
3) T A~Naphthalene (C11.7)	6.145	2956512	22.775 ug/ml
4) T n-Dodecane (C12)	6.562	2732068	23.025 ug/ml
5) T A~2-methylnaphthalene...	7.194	2979742	22.932 ug/ml
6) T n-Tetradecane (C14)	8.345	2726371	22.915 ug/ml
7) T n-Hexadecane (C16)	9.936	2717826	22.635 ug/ml
8) T n-Octadecane (C18)	11.370	2708080	22.191 ug/ml
10) T n-Eicosane (C20)	12.673	2693431	21.597 ug/ml
11) T n-Heneicosane (C21)	13.282	2652973	21.194 ug/ml
13) T n-Docosane (C22)	13.866	2617126	20.866 ug/ml
14) T n-Tetracosane (C24)	14.964	2542093	20.068 ug/ml
15) T n-Hexacosane (C26)	15.981	2458144	19.440 ug/ml
16) T n-Octacosane (C28)	16.927	2397427	18.998 ug/ml
17) T n-Tricontane (C30)	17.812	2306195	18.812 ug/ml
18) T n-Dotriacontane (C32)	18.642	2123842	19.009 ug/ml
19) T n-Tetratriacontane (C34)	19.422	1809332	19.537 ug/ml
20) T n-Hexatriacontane (C36)	20.161	1615216	20.267 ug/ml
21) T n-Octatriacontane (C38)	20.908	1522819	21.241 ug/ml
22) T n-Tetracontane (C40)	21.843	1530648	22.057 ug/ml

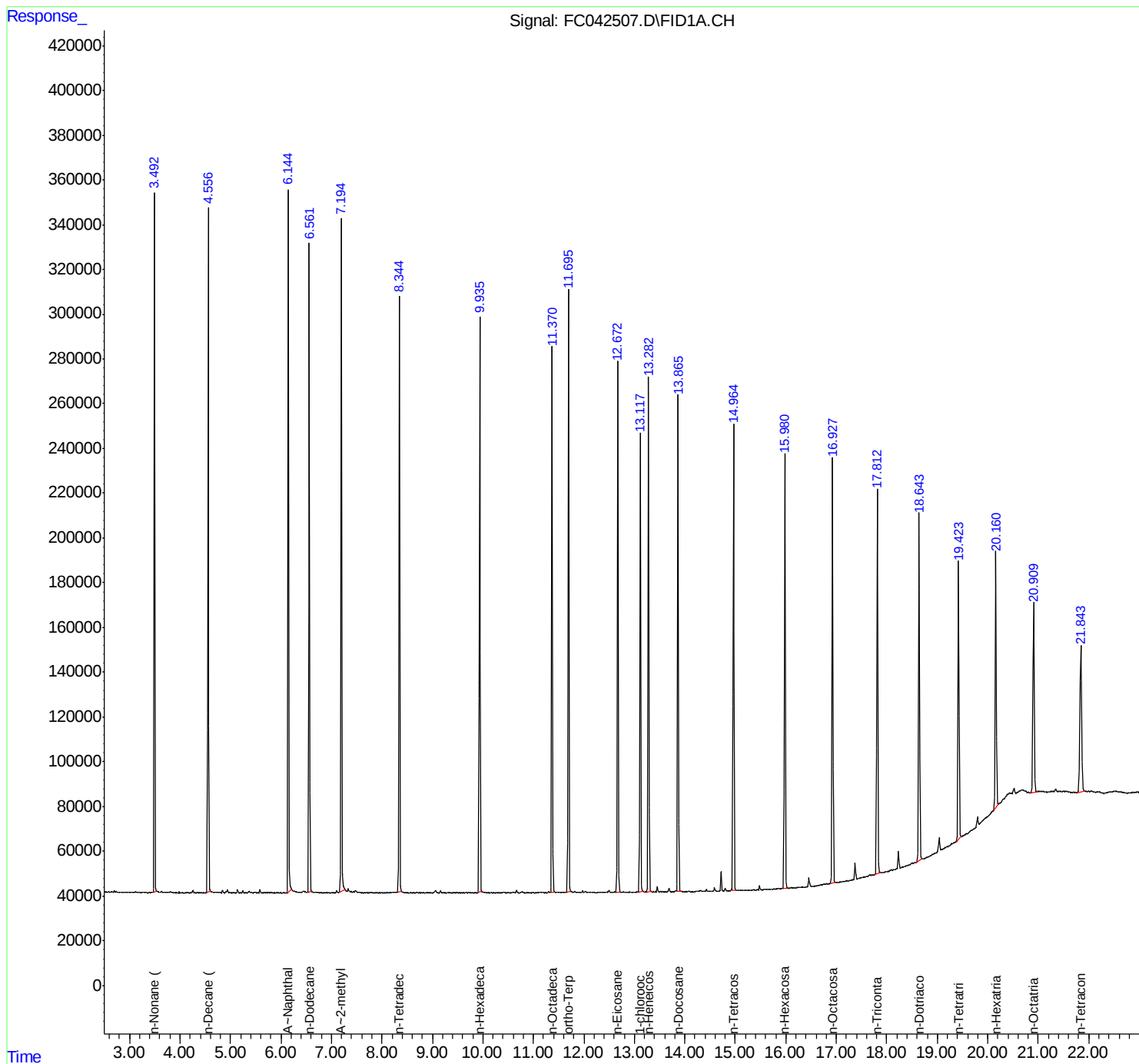
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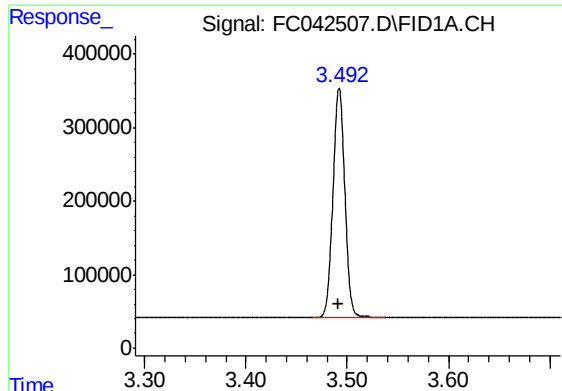
(m)=manual int.

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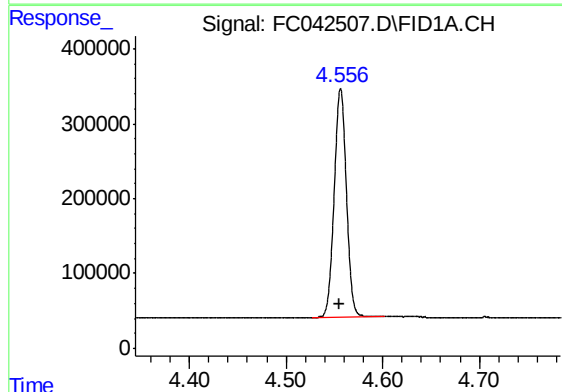
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Signal Info : 20M x 0.18mm x 0.18um





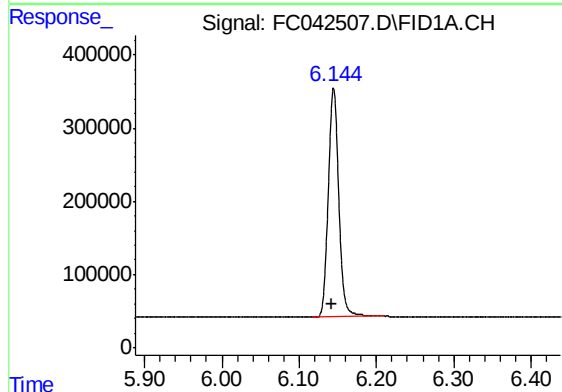
#1 n-Nonane (C9)

R.T.: 3.492 min
Delta R.T.: 0.001 min
Response: 2545635
Conc: 21.86 ug/ml



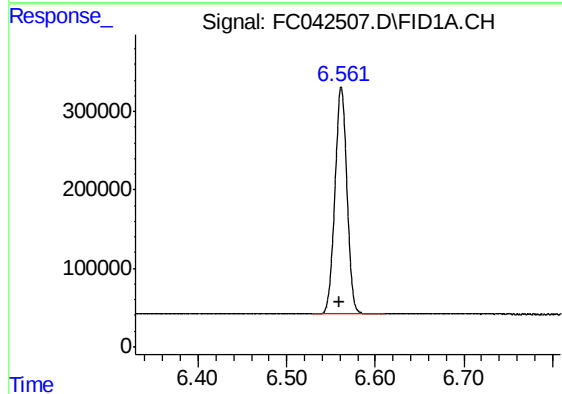
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 2696005
Conc: 22.85 ug/ml



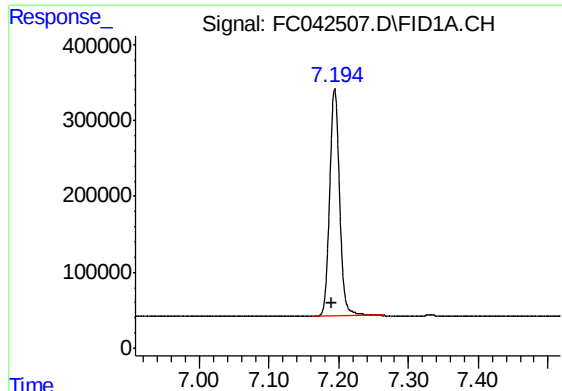
#3 A~Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: 0.003 min
Response: 2956512
Conc: 22.78 ug/ml



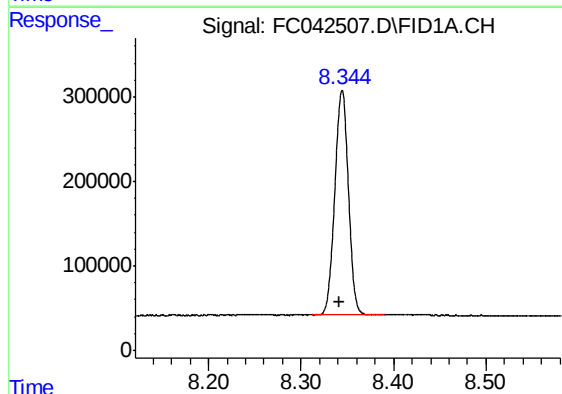
#4 n-Dodecane (C12)

R.T.: 6.562 min
Delta R.T.: 0.002 min
Response: 2732068
Conc: 23.02 ug/ml



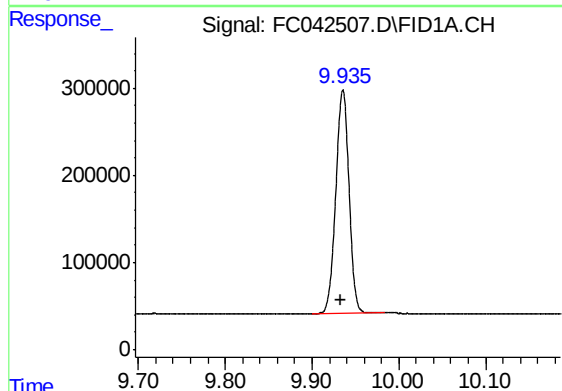
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.194 min
Delta R.T.: 0.003 min
Response: 2979742
Conc: 22.93 ug/ml



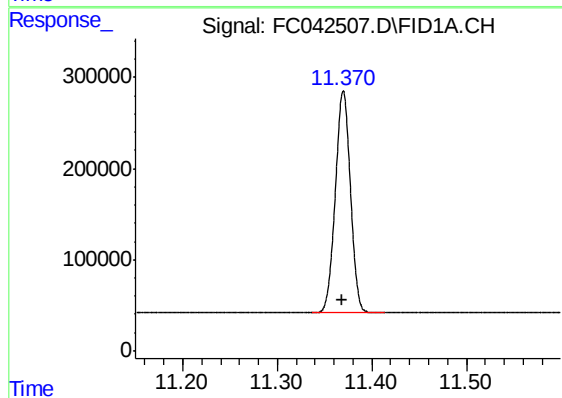
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: 0.003 min
Response: 2726371
Conc: 22.91 ug/ml



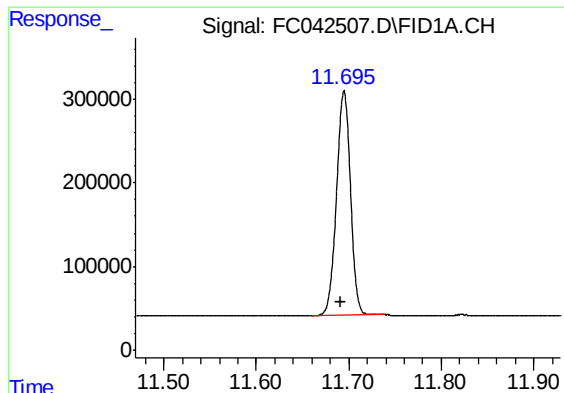
#7 n-Hexadecane (C16)

R.T.: 9.936 min
Delta R.T.: 0.003 min
Response: 2717826
Conc: 22.64 ug/ml



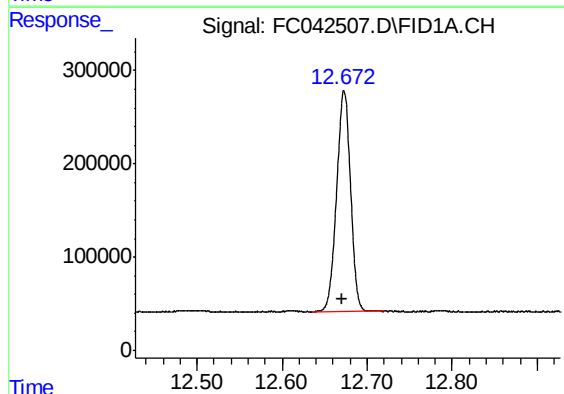
#8 n-Octadecane (C18)

R.T.: 11.370 min
Delta R.T.: 0.002 min
Response: 2708080
Conc: 22.19 ug/ml



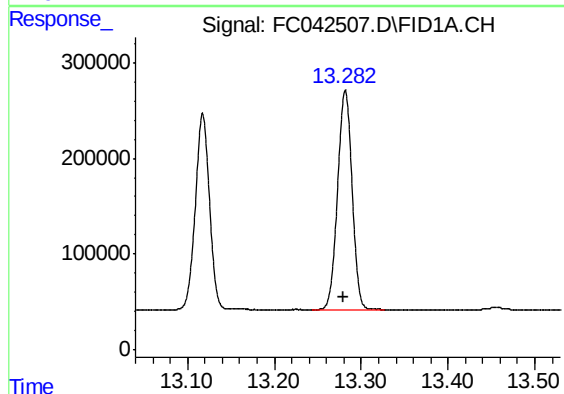
#9 ortho-Terphenyl (SURR)

R.T.: 11.695 min
Delta R.T.: 0.004 min
Response: 2813540
Conc: 21.26 ug/ml



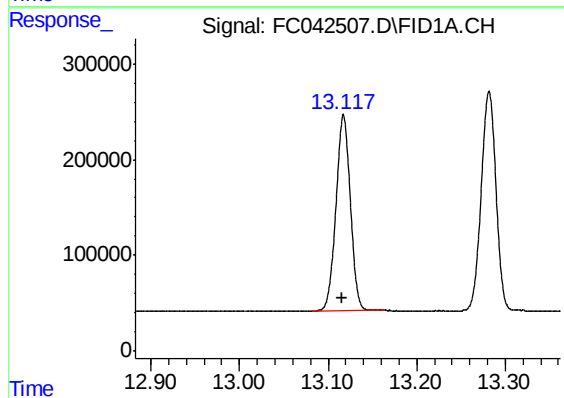
#10 n-Eicosane (C20)

R.T.: 12.673 min
Delta R.T.: 0.002 min
Response: 2693431
Conc: 21.60 ug/ml



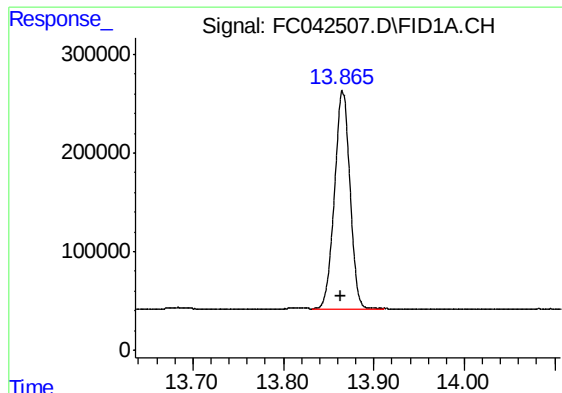
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.002 min
Response: 2652973
Conc: 21.19 ug/ml



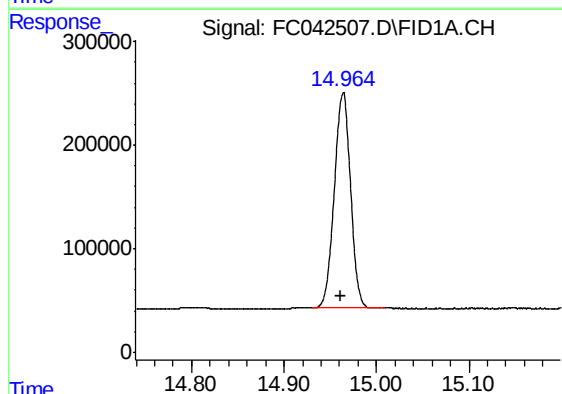
#12 1-chlorooctadecane (SURR)

R.T.: 13.117 min
Delta R.T.: 0.002 min
Response: 2307700
Conc: 21.05 ug/ml



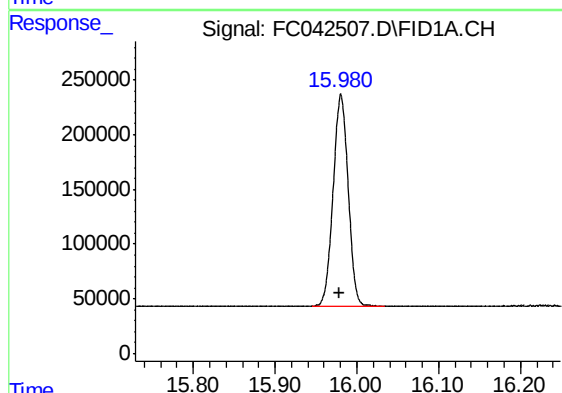
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: 0.002 min
Response: 2617126
Conc: 20.87 ug/ml



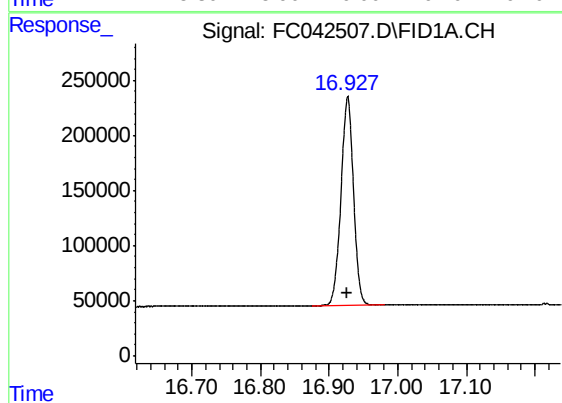
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: 0.002 min
Response: 2542093
Conc: 20.07 ug/ml



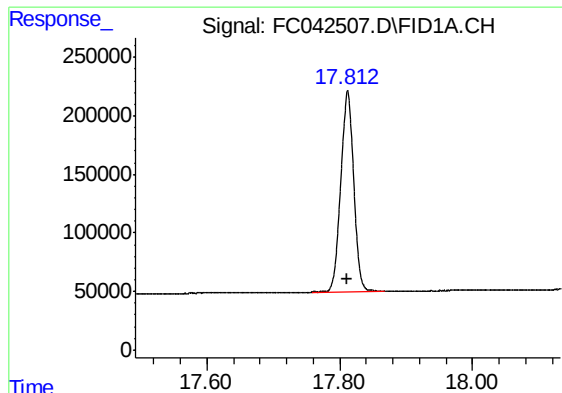
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: 0.002 min
Response: 2458144
Conc: 19.44 ug/ml



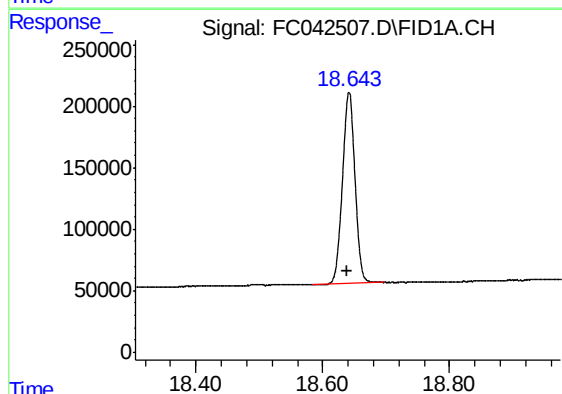
#16 n-Octacosane (C28)

R.T.: 16.927 min
Delta R.T.: 0.000 min
Response: 2397427
Conc: 19.00 ug/ml



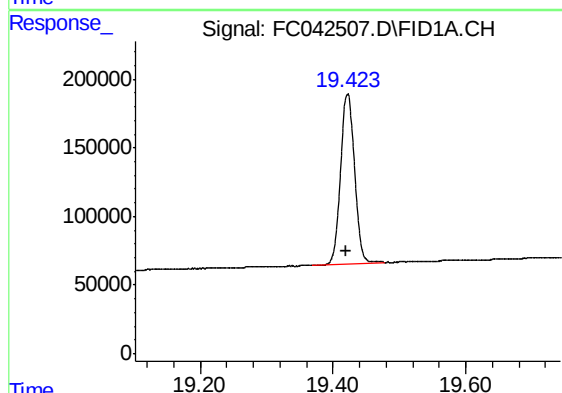
#17 n-Tricontane (C30)

R.T.: 17.812 min
Delta R.T.: 0.001 min
Response: 2306195
Conc: 18.81 ug/ml



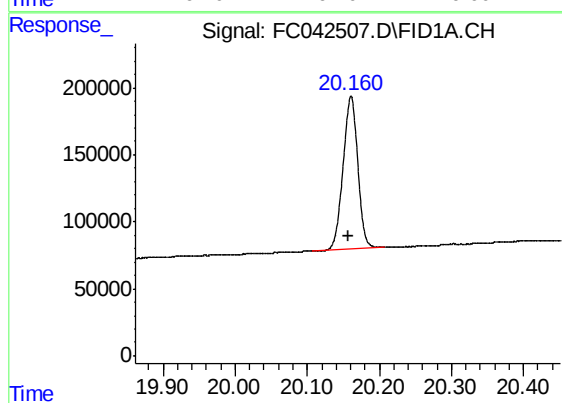
#18 n-Dotriacontane (C32)

R.T.: 18.642 min
Delta R.T.: 0.003 min
Response: 2123842
Conc: 19.01 ug/ml



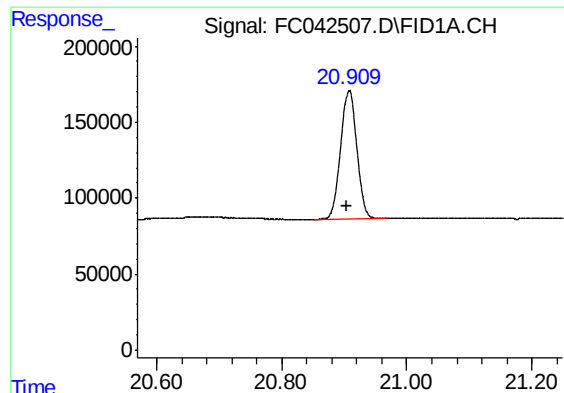
#19 n-Tetatriacontane (C34)

R.T.: 19.422 min
Delta R.T.: 0.002 min
Response: 1809332
Conc: 19.54 ug/ml



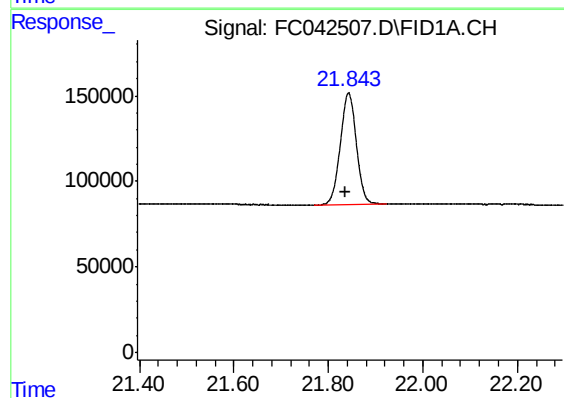
#20 n-Hexatriacontane (C36)

R.T.: 20.161 min
Delta R.T.: 0.003 min
Response: 1615216
Conc: 20.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: 0.004 min
Response: 1522819
Conc: 21.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.843 min
Delta R.T.: 0.006 min
Response: 1530648
Conc: 22.06 ug/ml