

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071720AL\
 Data File : FC048501.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jul 2020 14:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 02:57:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 2020
 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)	11.682	2850797	20.771 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
12) S 1-chlorooctadecane (S...	13.116	2292981	20.348 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T n-Nonane (C9)	3.415	2655703	22.279 ug/ml
2) T n-Decane (C10)	4.489	2700062	22.432 ug/ml
3) T A-Naphthalene (C11.7)	6.085	3038516	22.579 ug/ml
4) T n-Dodecane (C12)	6.515	2754376	22.514 ug/ml
5) T A~2-methylnaphthalene...	7.145	3097964	22.476 ug/ml
6) T n-Tetradecane (C14)	8.313	2742010	22.259 ug/ml
7) T n-Hexadecane (C16)	9.915	2680751	21.899 ug/ml
8) T n-Octadecane (C18)	11.359	2744988	21.448 ug/ml
10) T n-Eicosane (C20)	12.669	2696395	20.848 ug/ml
11) T n-Heneicosane (C21)	13.282	2652655	20.464 ug/ml
13) T n-Docosane (C22)	13.868	2612245	20.120 ug/ml
14) T n-Tetracosane (C24)	14.971	2518979	19.216 ug/ml
15) T n-Hexacosane (C26)	15.992	2397553	18.438 ug/ml
16) T n-Octacosane (C28)	16.940	2322776	17.776 ug/ml
17) T n-Tricontane (C30)	17.829	2228950	17.338 ug/ml
18) T n-Dotriacontane (C32)	18.659	2006942	16.988 ug/ml
19) T n-Tetratriacontane (C34)	19.440	1853083	16.601 ug/ml
20) T n-Hexatriacontane (C36)	20.181	1759526	16.730 ug/ml
21) T n-Octatriacontane (C38)	20.935	1695884	17.275 ug/ml
22) T n-Tetracontane (C40)	21.894	1747301	17.981 ug/ml

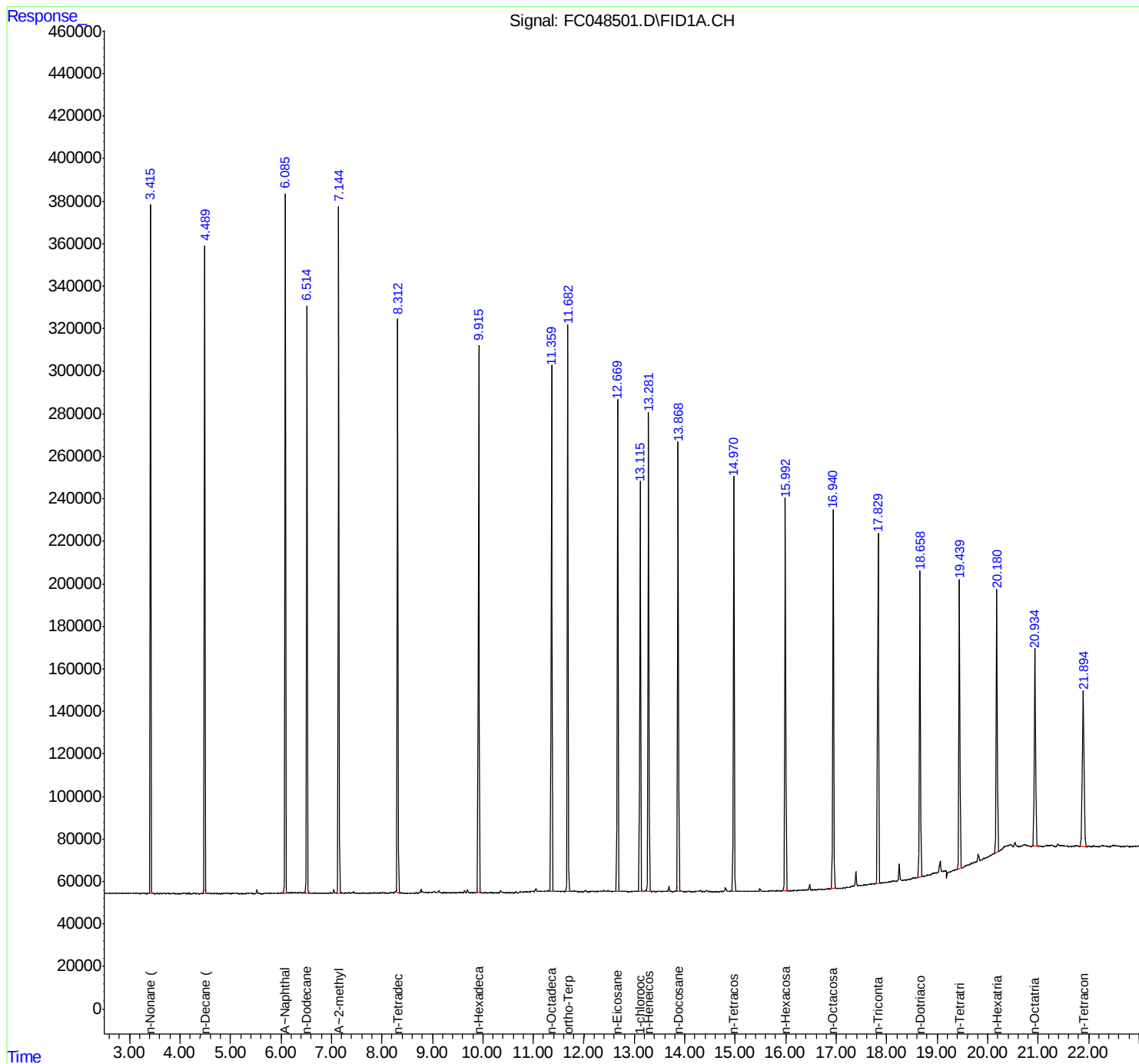
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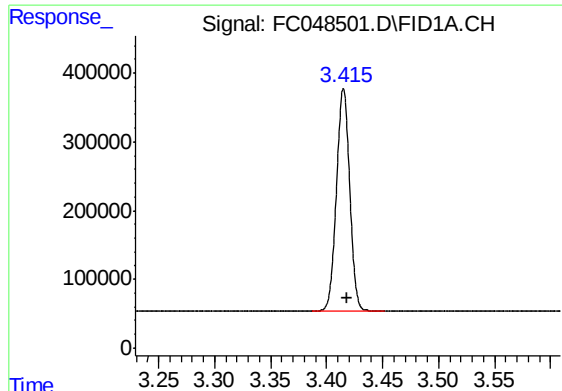
(m)=manual int.

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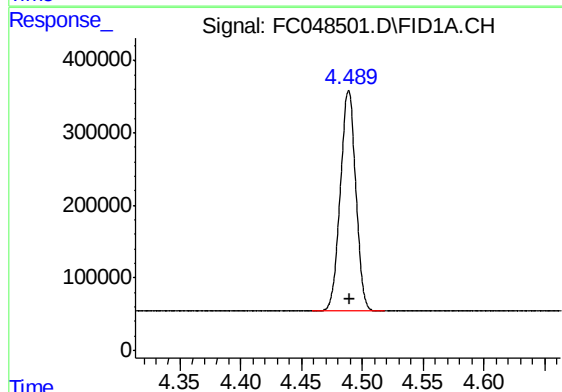
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





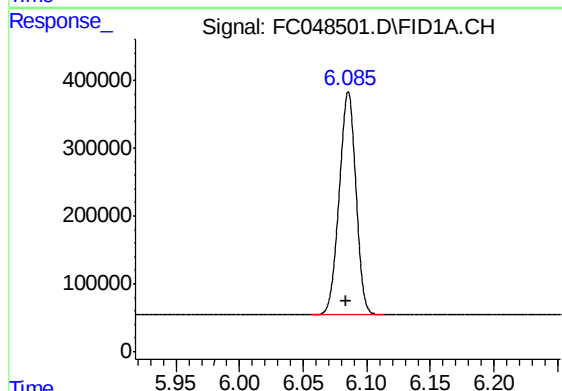
#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: -0.003 min
Response: 2655703
Conc: 22.28 ug/ml



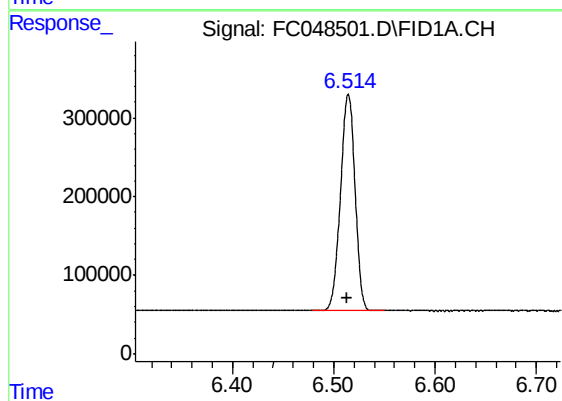
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.001 min
Response: 2700062
Conc: 22.43 ug/ml



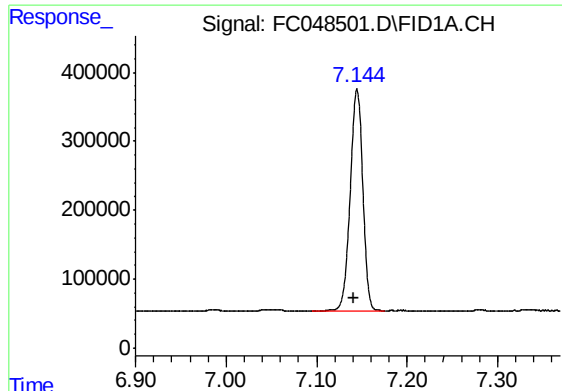
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 3038516
Conc: 22.58 ug/ml



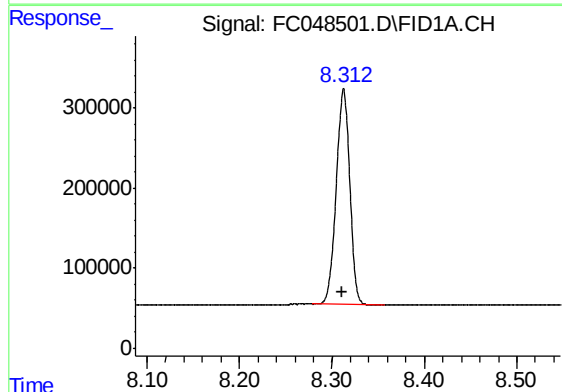
#4 n-Dodecane (C12)

R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 2754376
Conc: 22.51 ug/ml



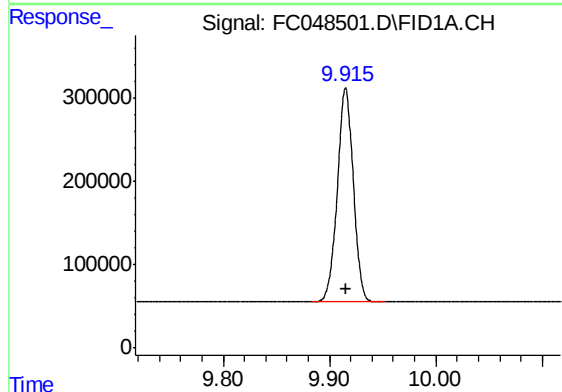
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min
Delta R.T.: 0.003 min
Response: 3097964
Conc: 22.48 ug/ml



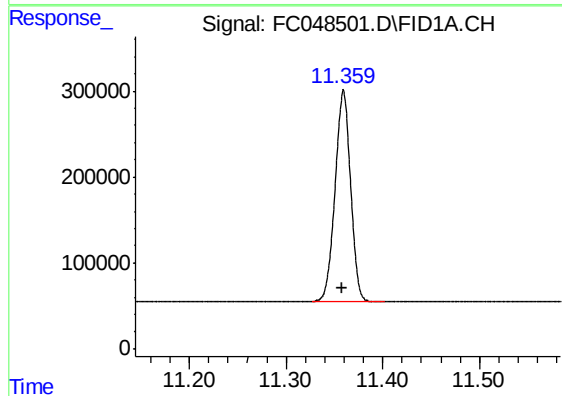
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: 0.001 min
Response: 2742010
Conc: 22.26 ug/ml



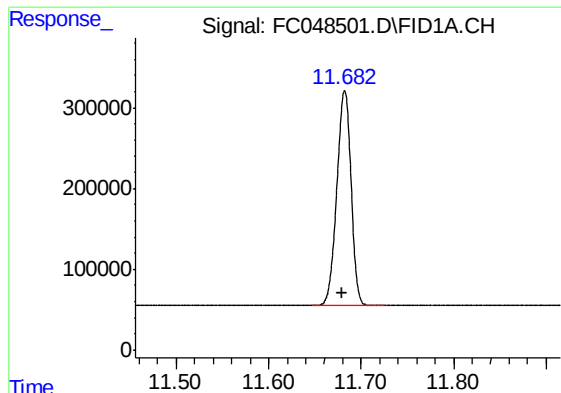
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 2680751
Conc: 21.90 ug/ml



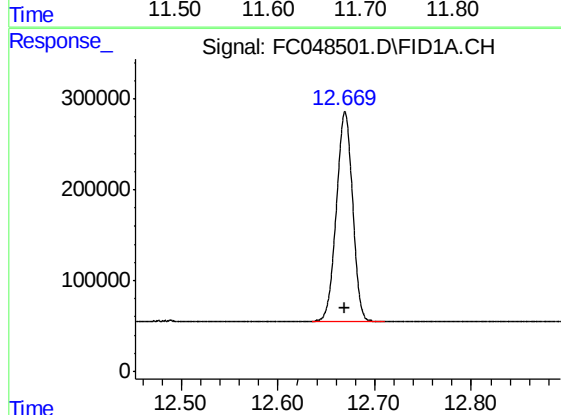
#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: 0.000 min
Response: 2744988
Conc: 21.45 ug/ml



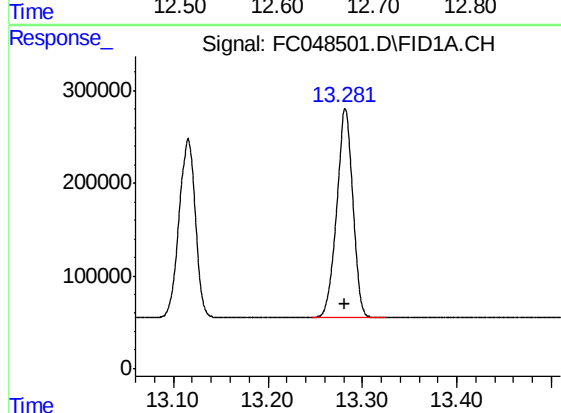
#9 ortho-Terphenyl (SURR)

R.T.: 11.682 min
Delta R.T.: 0.003 min
Response: 2850797
Conc: 20.77 ug/ml



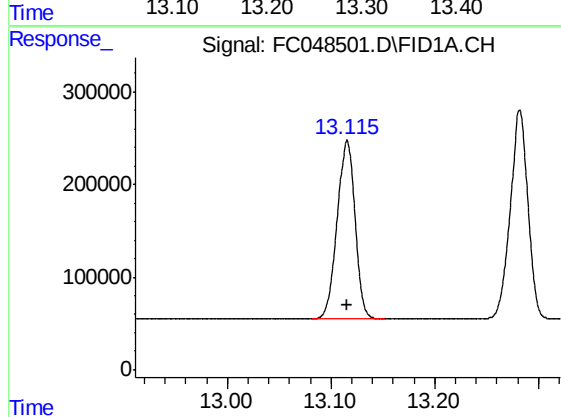
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 2696395
Conc: 20.85 ug/ml



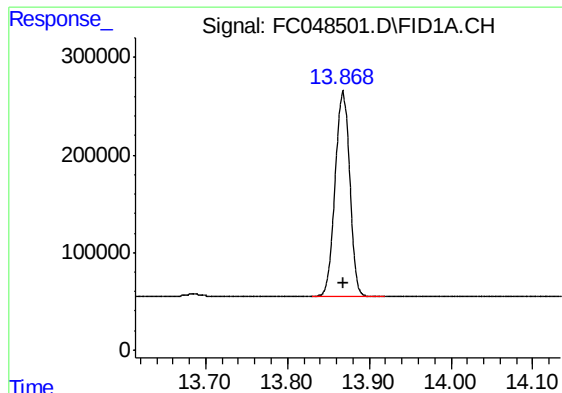
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 2652655
Conc: 20.46 ug/ml



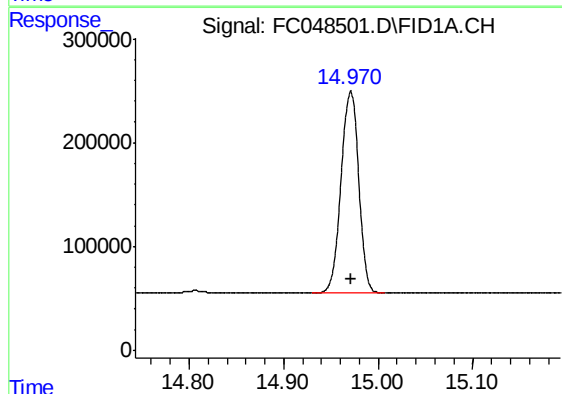
#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 2292981
Conc: 20.35 ug/ml



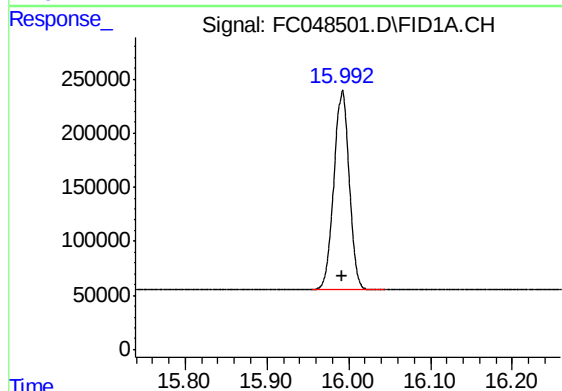
#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 2612245
Conc: 20.12 ug/ml



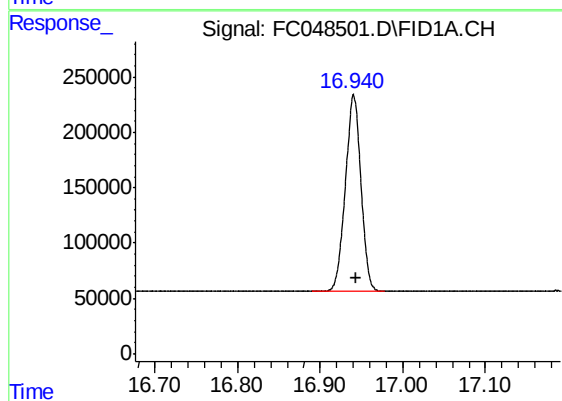
#14 n-Tetracosane (C24)

R.T.: 14.971 min
Delta R.T.: 0.000 min
Response: 2518979
Conc: 19.22 ug/ml



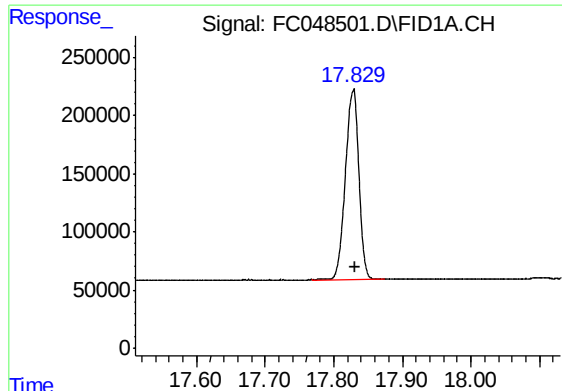
#15 n-Hexacosane (C26)

R.T.: 15.992 min
Delta R.T.: 0.000 min
Response: 2397553
Conc: 18.44 ug/ml



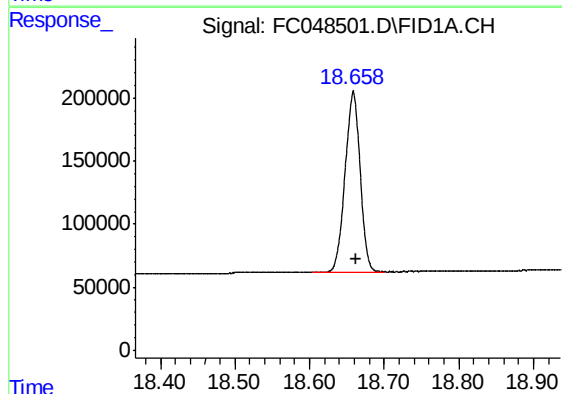
#16 n-Octacosane (C28)

R.T.: 16.940 min
Delta R.T.: -0.003 min
Response: 2322776
Conc: 17.78 ug/ml



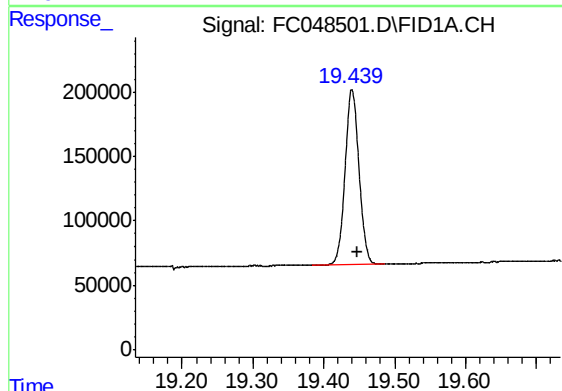
#17 n-Tricontane (C30)

R.T.: 17.829 min
Delta R.T.: -0.002 min
Response: 2228950
Conc: 17.34 ug/ml



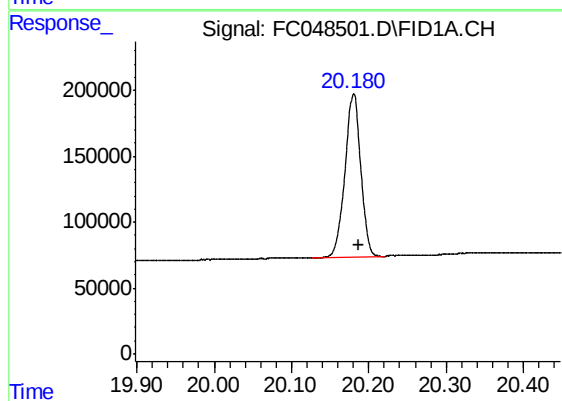
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: -0.004 min
Response: 2006942
Conc: 16.99 ug/ml



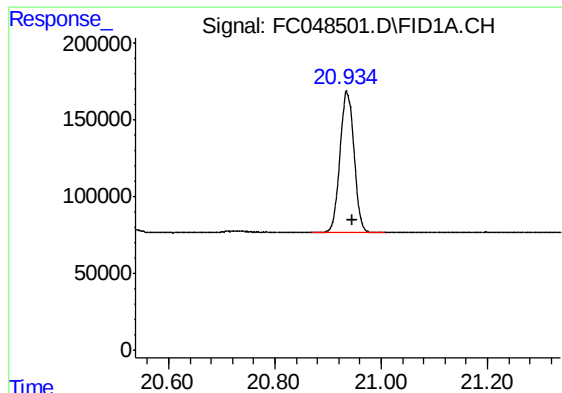
#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: -0.007 min
Response: 1853083
Conc: 16.60 ug/ml



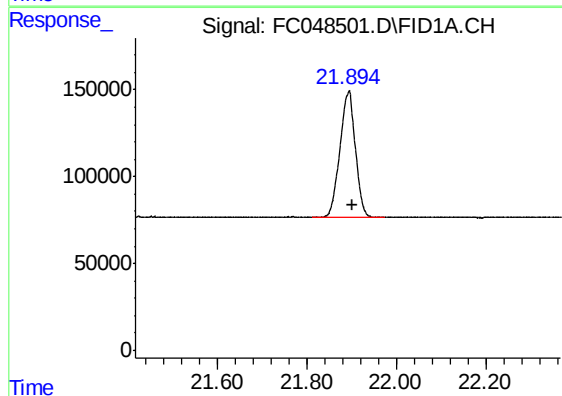
#20 n-Hexatriacontane (C36)

R.T.: 20.181 min
Delta R.T.: -0.006 min
Response: 1759526
Conc: 16.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.935 min
Delta R.T.: -0.011 min
Response: 1695884
Conc: 17.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.894 min
Delta R.T.: -0.007 min
Response: 1747301
Conc: 17.98 ug/ml