

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071719AL\
 Data File : FC042424.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jul 2019 14:36
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 00:55:58 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)	11.699	2298665	17.367 ug/ml
Spiked Amount 50.000		Recovery =	34.73%
12) S 1-chlorooctadecane (S...	13.123	1875264	17.106 ug/ml
Spiked Amount 50.000		Recovery =	34.21%
Target Compounds			
1) T n-Nonane (C9)	3.496	2161568	18.566 ug/ml
2) T n-Decane (C10)	4.560	2193110	18.588 ug/ml
3) T A~Naphthalene (C11.7)	6.148	2409165	18.559 ug/ml
4) T n-Dodecane (C12)	6.565	2210165	18.626 ug/ml
5) T A~2-methylnaphthalene...	7.198	2407475	18.528 ug/ml
6) T n-Tetradecane (C14)	8.348	2214073	18.609 ug/ml
7) T n-Hexadecane (C16)	9.940	2214964	18.447 ug/ml
8) T n-Octadecane (C18)	11.374	2205610	18.073 ug/ml
10) T n-Eicosane (C20)	12.678	2189975	17.560 ug/ml
11) T n-Heneicosane (C21)	13.288	2161609	17.268 ug/ml
13) T n-Docosane (C22)	13.871	2130490	16.986 ug/ml
14) T n-Tetracosane (C24)	14.969	2067610	16.322 ug/ml
15) T n-Hexacosane (C26)	15.986	1990195	15.739 ug/ml
16) T n-Octacosane (C28)	16.932	1930243	15.296 ug/ml
17) T n-Tricontane (C30)	17.819	1846031	15.058 ug/ml
18) T n-Dotriacontane (C32)	18.648	1695800	15.178 ug/ml
19) T n-Tetratriacontane (C34)	19.429	1449031	15.647 ug/ml
20) T n-Hexatriacontane (C36)	20.167	1320041	16.563 ug/ml
21) T n-Octatriacontane (C38)	20.914	1259198	17.564 ug/ml
22) T n-Tetracontane (C40)	21.854	1269892	18.300 ug/ml

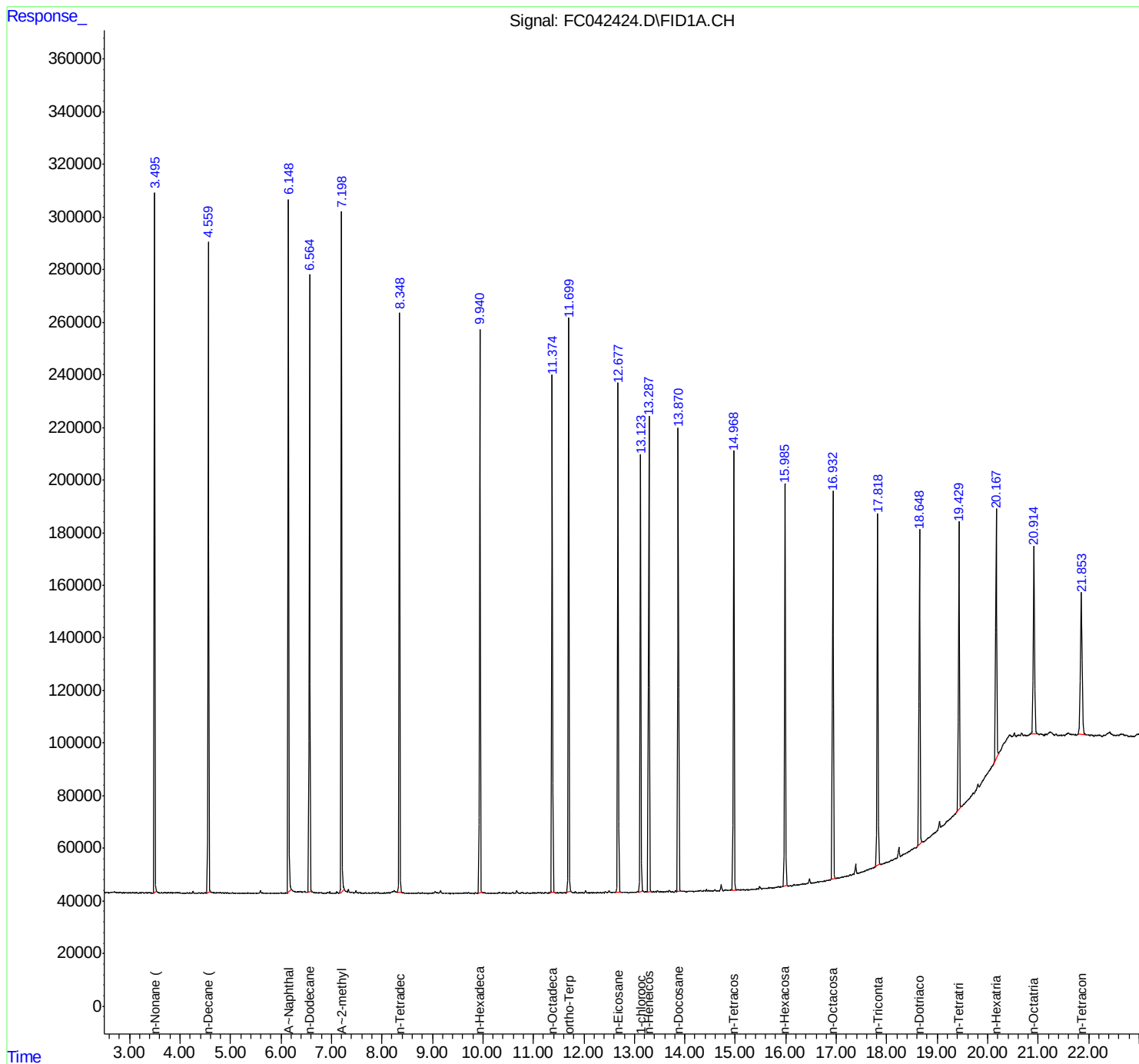
(f)=RT Delta > 1/2 Window

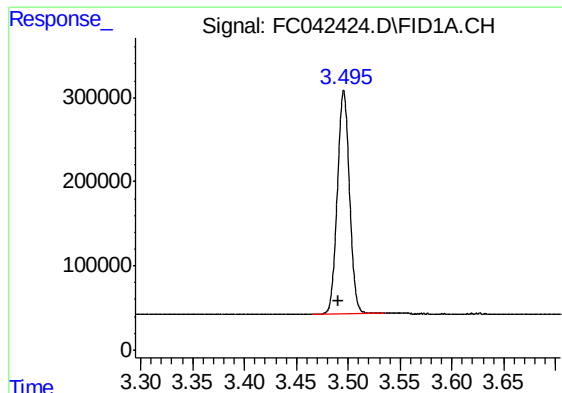
(m)=manual int.

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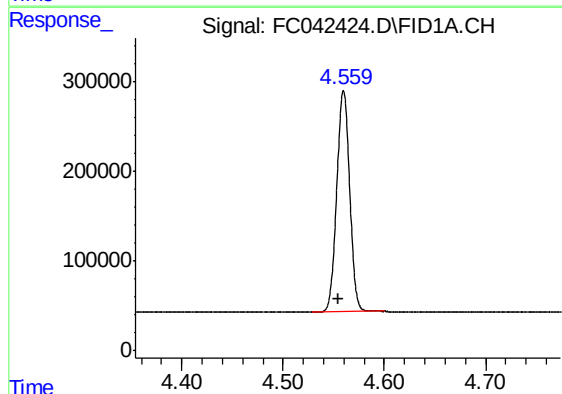
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





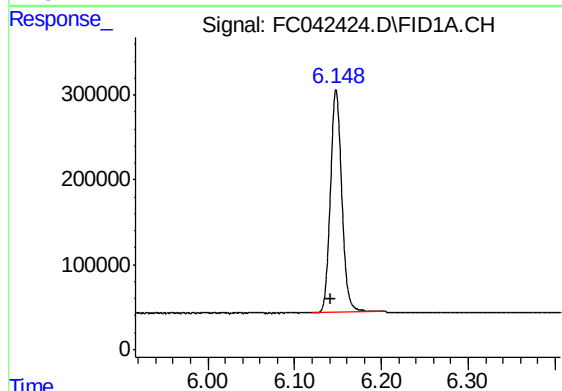
#1 n-Nonane (C9)

R.T.: 3.496 min
Delta R.T.: 0.005 min
Response: 2161568
Conc: 18.57 ug/ml



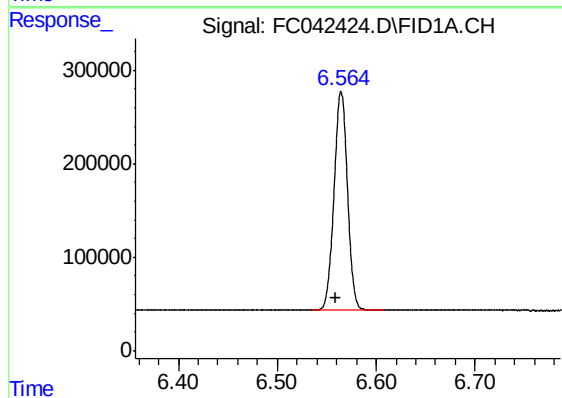
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: 0.005 min
Response: 2193110
Conc: 18.59 ug/ml



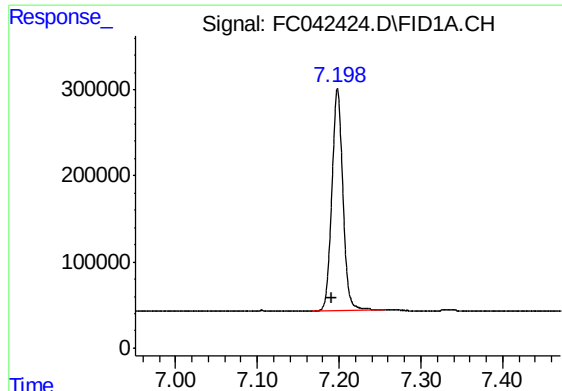
#3 A~Naphthalene (C11.7)

R.T.: 6.148 min
Delta R.T.: 0.006 min
Response: 2409165
Conc: 18.56 ug/ml



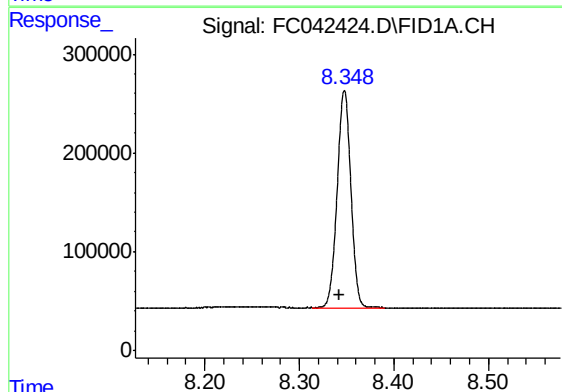
#4 n-Dodecane (C12)

R.T.: 6.565 min
Delta R.T.: 0.005 min
Response: 2210165
Conc: 18.63 ug/ml



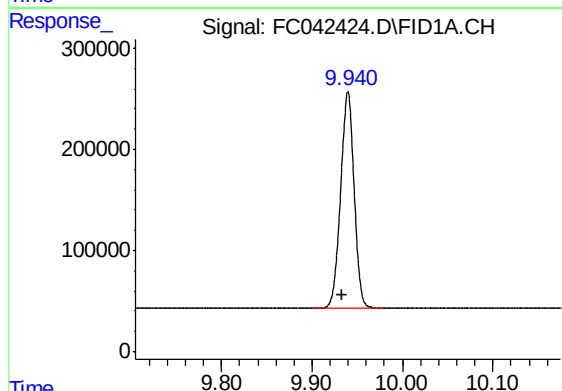
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.198 min
Delta R.T.: 0.007 min
Response: 2407475
Conc: 18.53 ug/ml



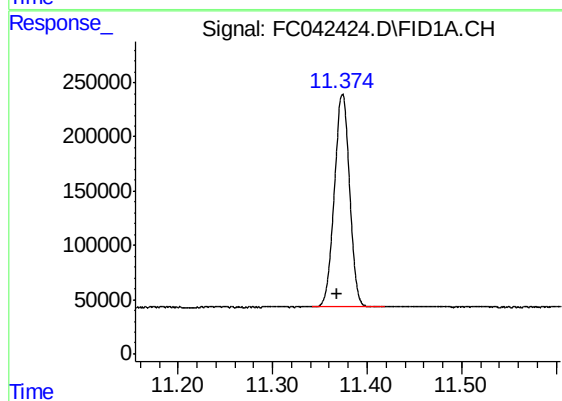
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.006 min
Response: 2214073
Conc: 18.61 ug/ml



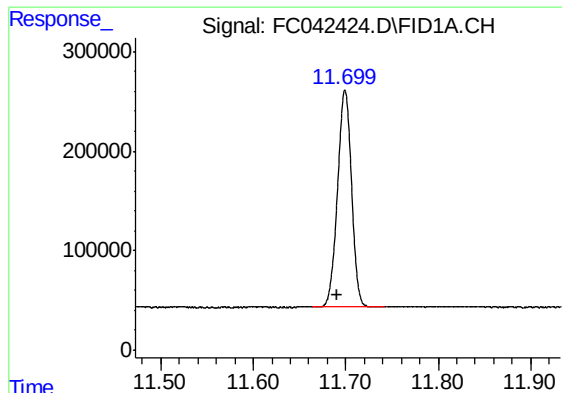
#7 n-Hexadecane (C16)

R.T.: 9.940 min
Delta R.T.: 0.007 min
Response: 2214964
Conc: 18.45 ug/ml



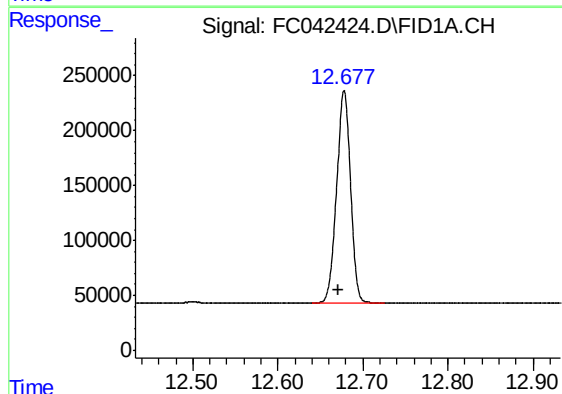
#8 n-Octadecane (C18)

R.T.: 11.374 min
Delta R.T.: 0.006 min
Response: 2205610
Conc: 18.07 ug/ml



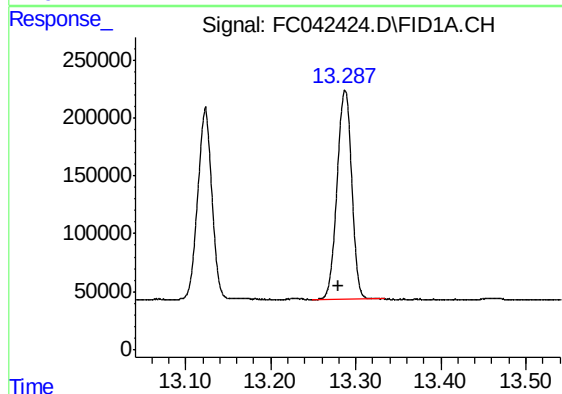
#9 ortho-Terphenyl (SURR)

R.T.: 11.699 min
Delta R.T.: 0.008 min
Response: 2298665
Conc: 17.37 ug/ml



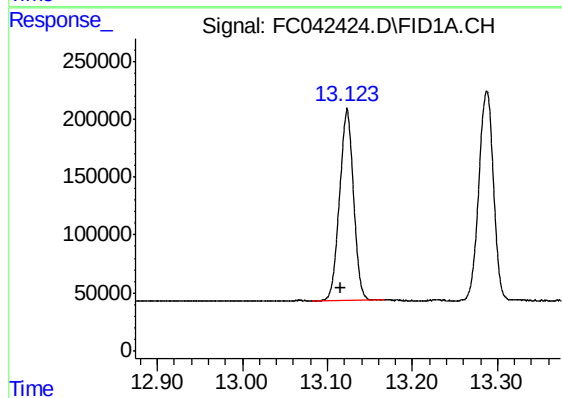
#10 n-Eicosane (C20)

R.T.: 12.678 min
Delta R.T.: 0.007 min
Response: 2189975
Conc: 17.56 ug/ml



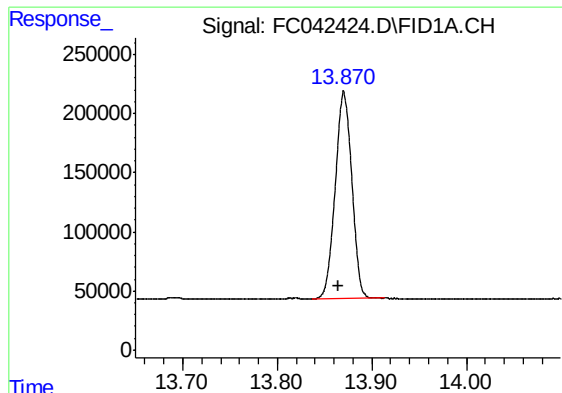
#11 n-Heneicosane (C21)

R.T.: 13.288 min
Delta R.T.: 0.008 min
Response: 2161609
Conc: 17.27 ug/ml



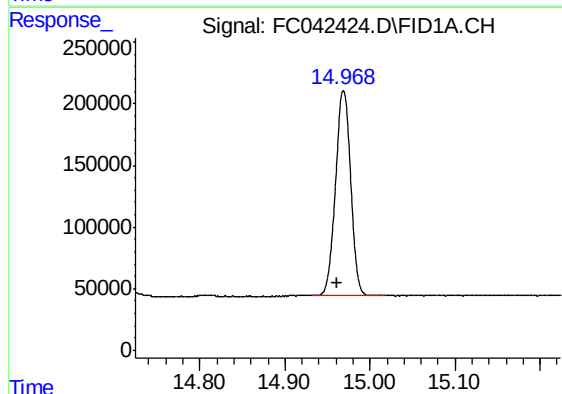
#12 1-chlorooctadecane (SURR)

R.T.: 13.123 min
Delta R.T.: 0.008 min
Response: 1875264
Conc: 17.11 ug/ml



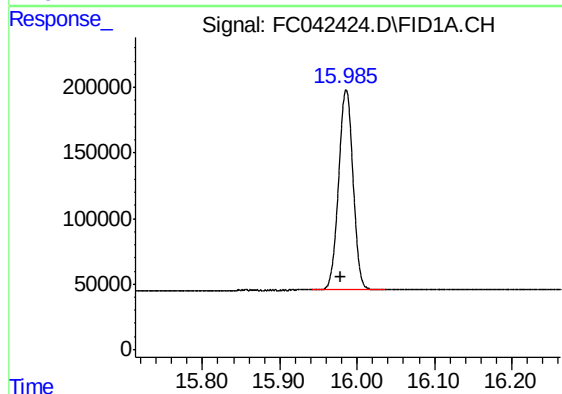
#13 n-Docosane (C22)

R.T.: 13.871 min
Delta R.T.: 0.006 min
Response: 2130490
Conc: 16.99 ug/ml



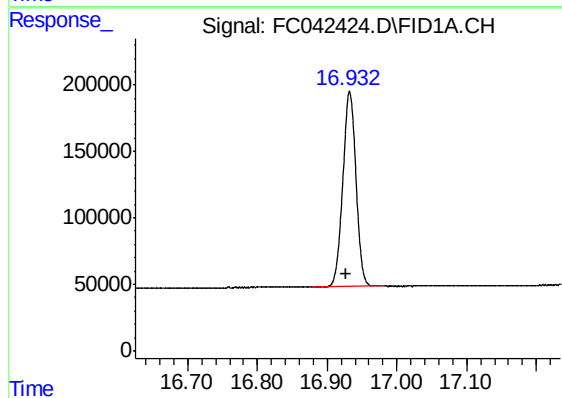
#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: 0.007 min
Response: 2067610
Conc: 16.32 ug/ml



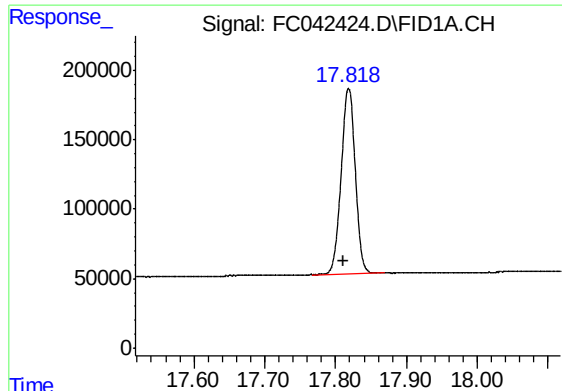
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: 0.007 min
Response: 1990195
Conc: 15.74 ug/ml



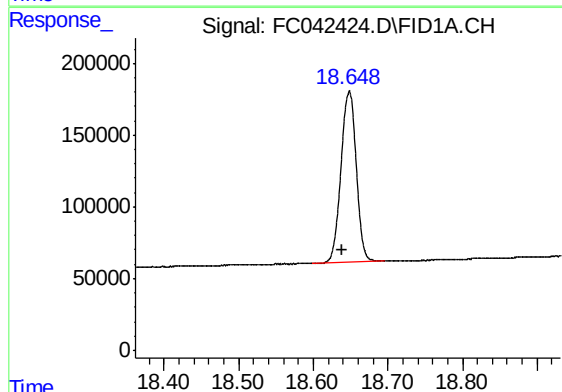
#16 n-Octacosane (C28)

R.T.: 16.932 min
Delta R.T.: 0.006 min
Response: 1930243
Conc: 15.30 ug/ml



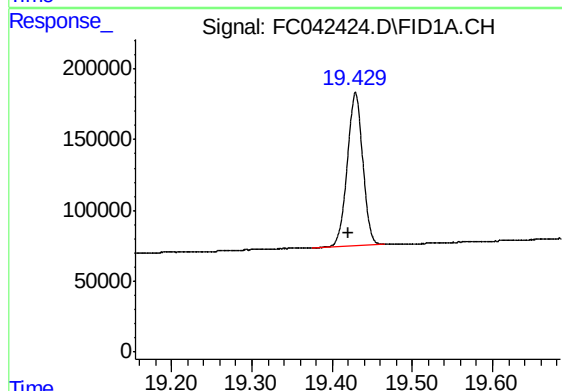
#17 n-Tricontane (C30)

R.T.: 17.819 min
Delta R.T.: 0.008 min
Response: 1846031
Conc: 15.06 ug/ml



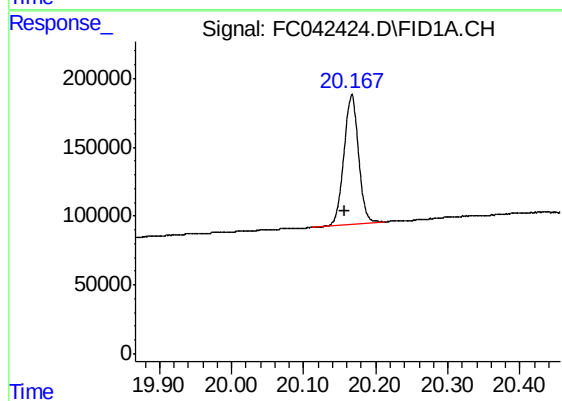
#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: 0.009 min
Response: 1695800
Conc: 15.18 ug/ml



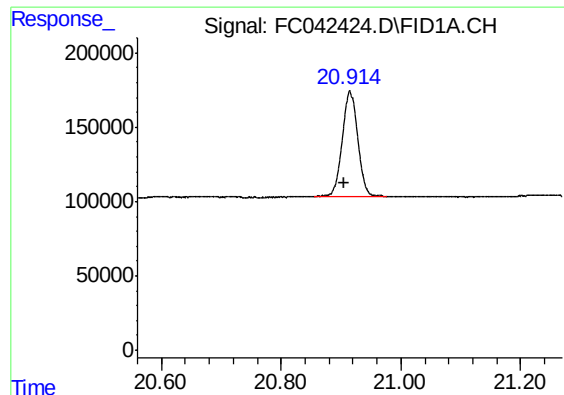
#19 n-Tetratriacontane (C34)

R.T.: 19.429 min
Delta R.T.: 0.009 min
Response: 1449031
Conc: 15.65 ug/ml



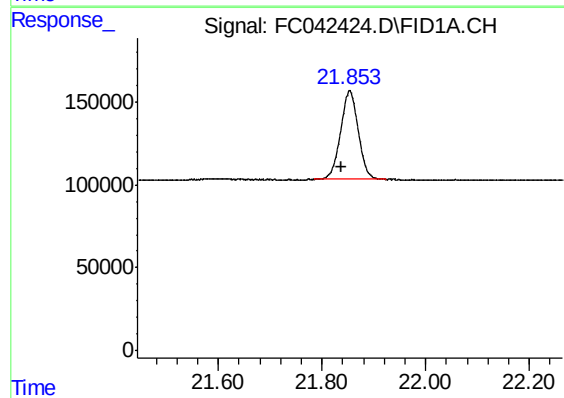
#20 n-Hexatriacontane (C36)

R.T.: 20.167 min
Delta R.T.: 0.009 min
Response: 1320041
Conc: 16.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: 0.010 min
Response: 1259198
Conc: 17.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.854 min
Delta R.T.: 0.016 min
Response: 1269892
Conc: 18.30 ug/ml