

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072219AL\
 Data File : FC042504.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jul 2019 10:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 23 11:08:21 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	2764595	20.888 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
12) S 1-chlorooctadecane (S...	13.118	2264531	20.657 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
Target Compounds			
1) T n-Nonane (C9)	3.492	2517996	21.627 ug/ml
2) T n-Decane (C10)	4.557	2663588	22.576 ug/ml
3) T A~Naphthalene (C11.7)	6.145	2914560	22.452 ug/ml
4) T n-Dodecane (C12)	6.562	2691315	22.681 ug/ml
5) T A~2-methylnaphthalene...	7.195	2931480	22.561 ug/ml
6) T n-Tetradecane (C14)	8.345	2687010	22.584 ug/ml
7) T n-Hexadecane (C16)	9.936	2677452	22.299 ug/ml
8) T n-Octadecane (C18)	11.370	2662990	21.821 ug/ml
10) T n-Eicosane (C20)	12.673	2642396	21.188 ug/ml
11) T n-Heneicosane (C21)	13.283	2604041	20.803 ug/ml
13) T n-Docosane (C22)	13.867	2569518	20.486 ug/ml
14) T n-Tetracosane (C24)	14.965	2491280	19.667 ug/ml
15) T n-Hexacosane (C26)	15.982	2413148	19.084 ug/ml
16) T n-Octacosane (C28)	16.928	2352844	18.645 ug/ml
17) T n-Tricontane (C30)	17.813	2267535	18.497 ug/ml
18) T n-Dotriacontane (C32)	18.642	2093231	18.735 ug/ml
19) T n-Tetratriacontane (C34)	19.424	1770404	19.117 ug/ml
20) T n-Hexatriacontane (C36)	20.161	1602392	20.106 ug/ml
21) T n-Octatriacontane (C38)	20.908	1509150	21.050 ug/ml
22) T n-Tetracontane (C40)	21.845	1530320	22.053 ug/ml

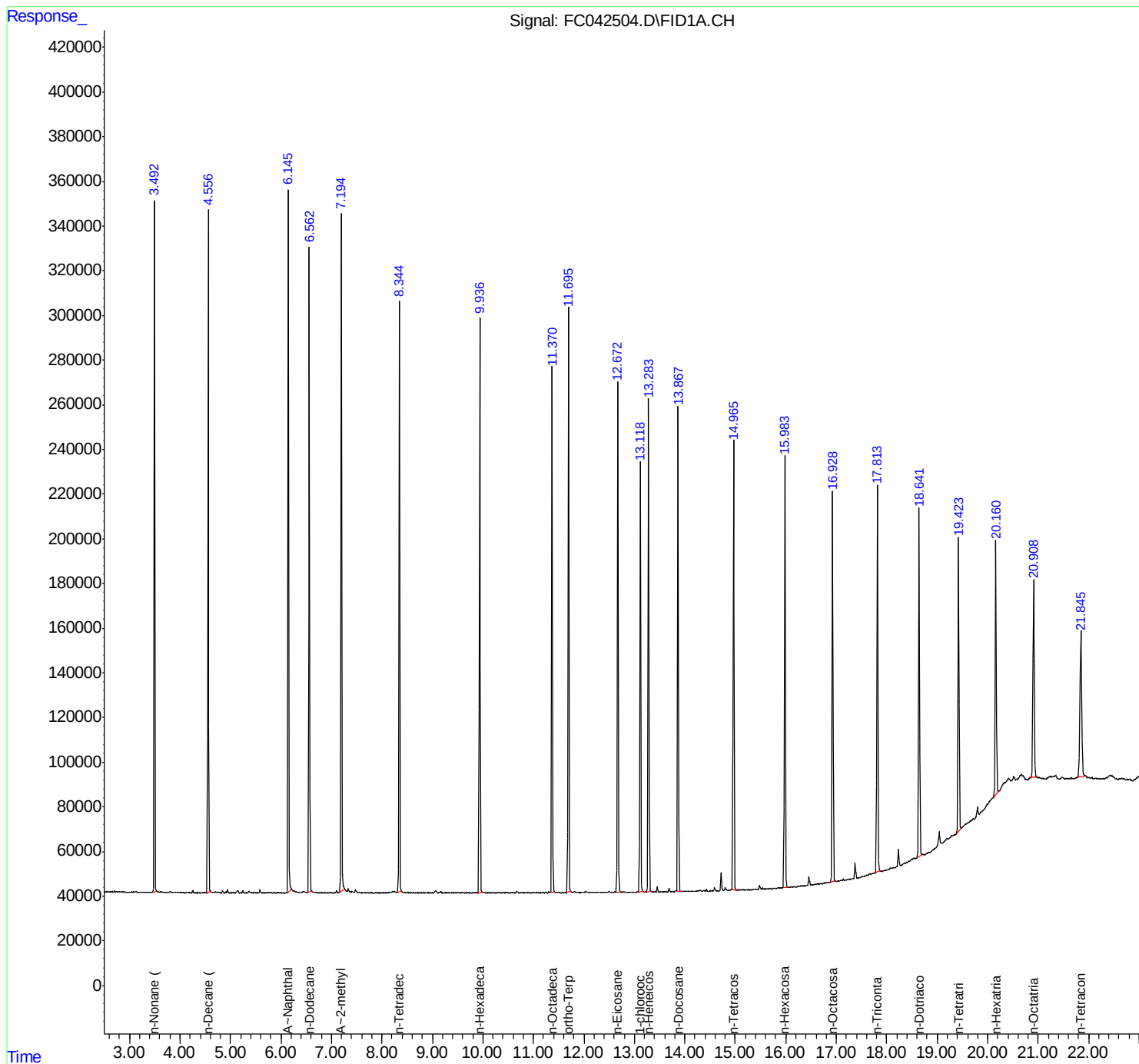
(f)=RT Delta > 1/2 Window

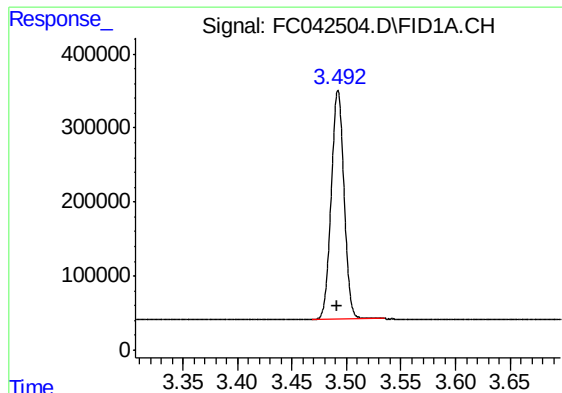
(m)=manual int.

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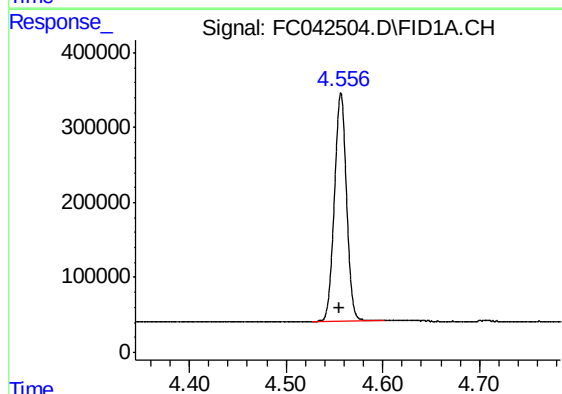
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





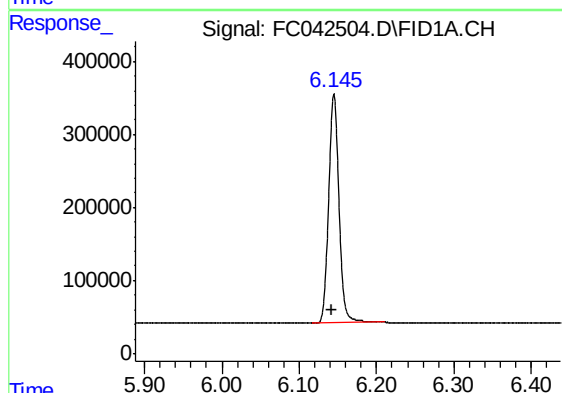
#1 n-Nonane (C9)

R.T.: 3.492 min
Delta R.T.: 0.001 min
Response: 2517996
Conc: 21.63 ug/ml



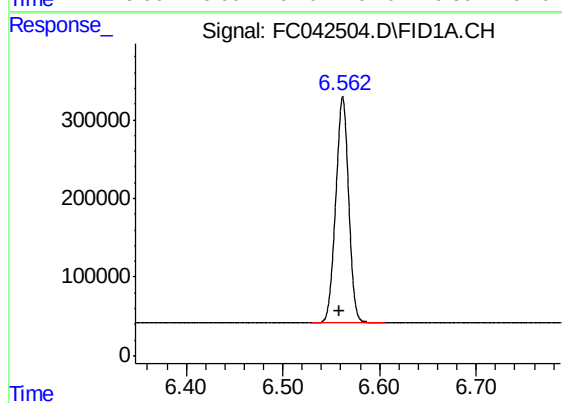
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 2663588
Conc: 22.58 ug/ml



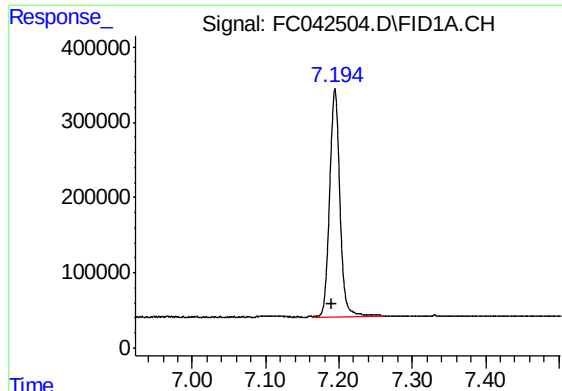
#3 A~Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: 0.003 min
Response: 2914560
Conc: 22.45 ug/ml



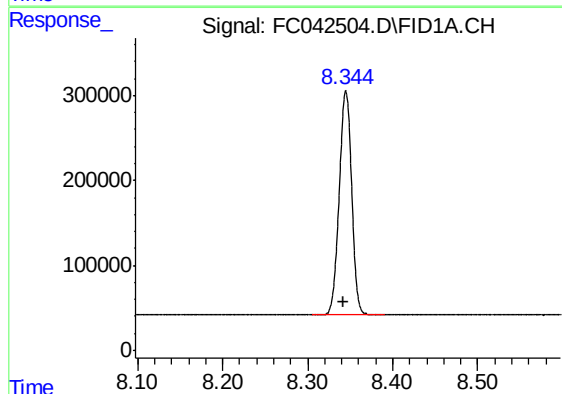
#4 n-Dodecane (C12)

R.T.: 6.562 min
Delta R.T.: 0.003 min
Response: 2691315
Conc: 22.68 ug/ml



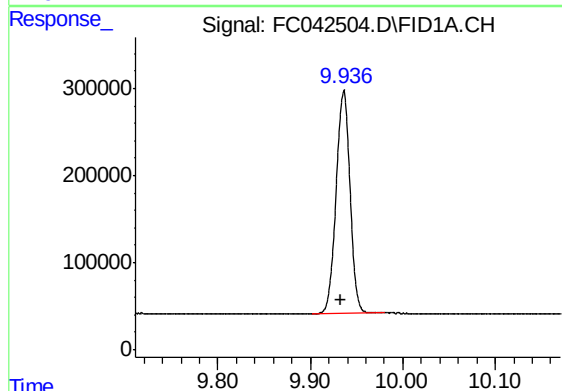
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.195 min
Delta R.T.: 0.004 min
Response: 2931480
Conc: 22.56 ug/ml



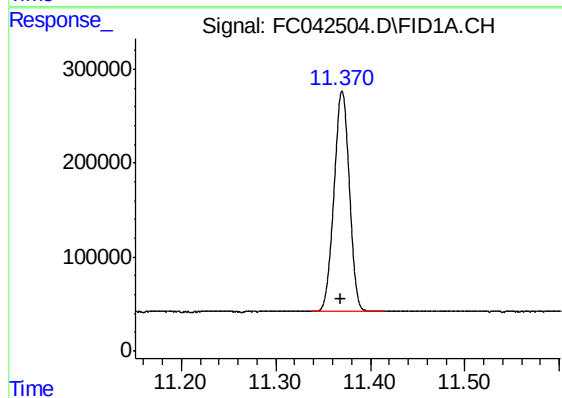
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: 0.003 min
Response: 2687010
Conc: 22.58 ug/ml



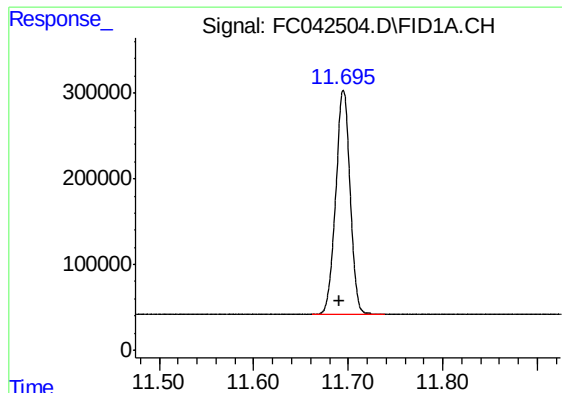
#7 n-Hexadecane (C16)

R.T.: 9.936 min
Delta R.T.: 0.003 min
Response: 2677452
Conc: 22.30 ug/ml



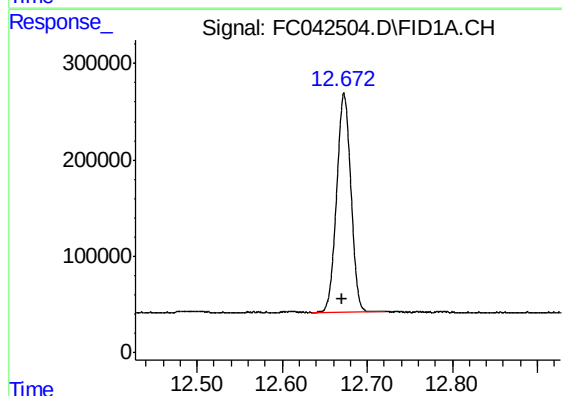
#8 n-Octadecane (C18)

R.T.: 11.370 min
Delta R.T.: 0.002 min
Response: 2662990
Conc: 21.82 ug/ml



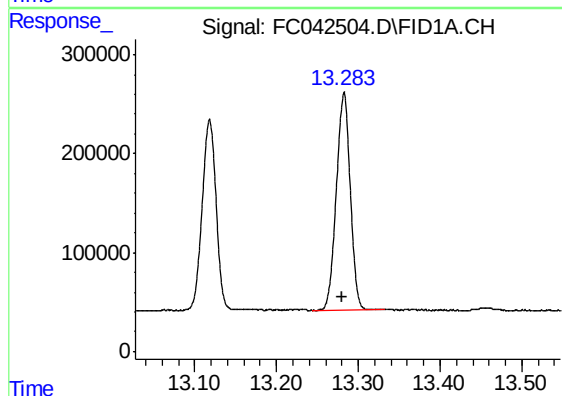
#9 ortho-Terphenyl (SURR)

R.T.: 11.695 min
Delta R.T.: 0.004 min
Response: 2764595
Conc: 20.89 ug/ml



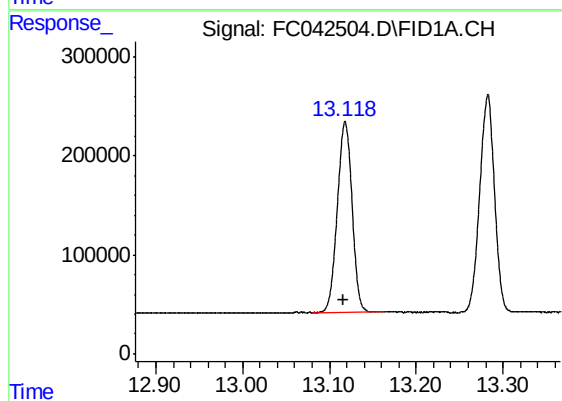
#10 n-Eicosane (C20)

R.T.: 12.673 min
Delta R.T.: 0.002 min
Response: 2642396
Conc: 21.19 ug/ml



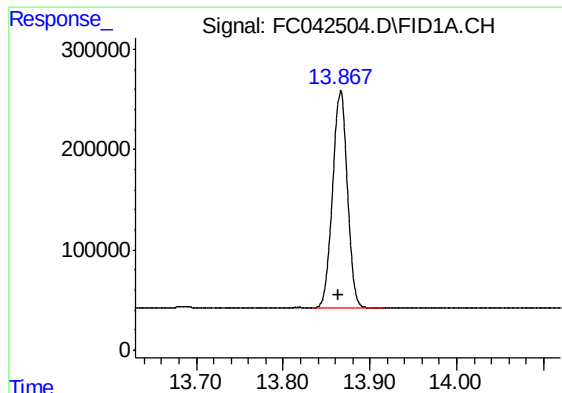
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.003 min
Response: 2604041
Conc: 20.80 ug/ml



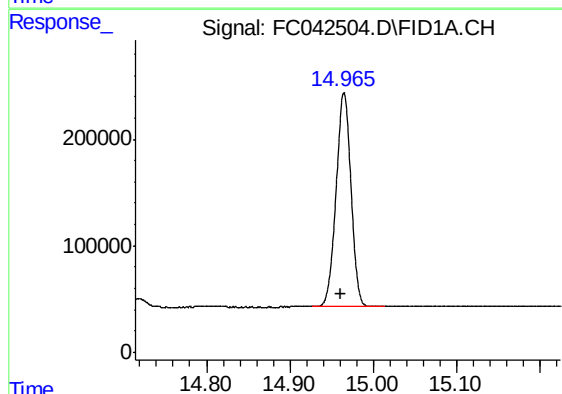
#12 1-chlorooctadecane (SURR)

R.T.: 13.118 min
Delta R.T.: 0.003 min
Response: 2264531
Conc: 20.66 ug/ml



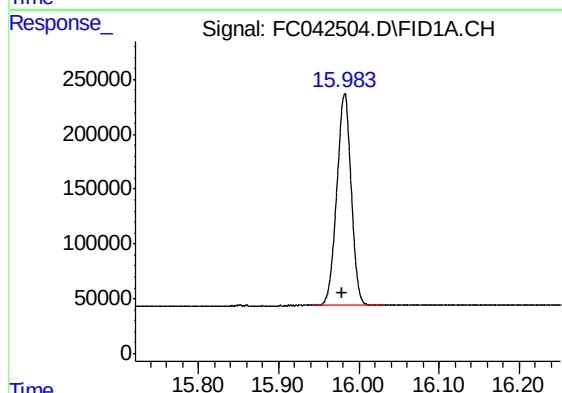
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: 0.002 min
Response: 2569518
Conc: 20.49 ug/ml



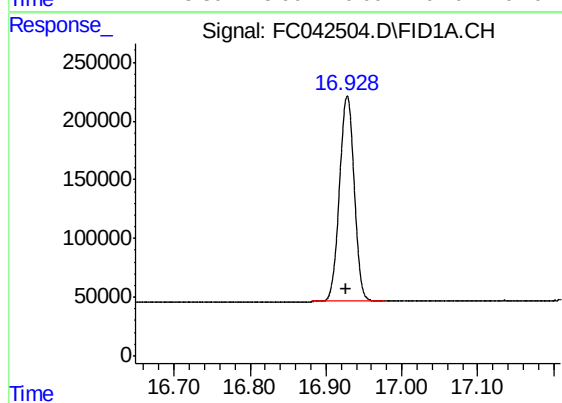
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: 0.003 min
Response: 2491280
Conc: 19.67 ug/ml



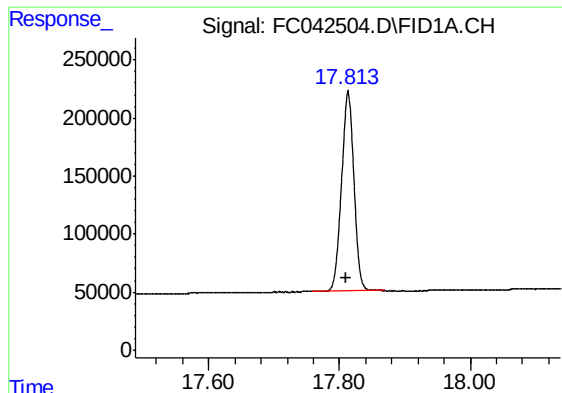
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: 0.004 min
Response: 2413148
Conc: 19.08 ug/ml



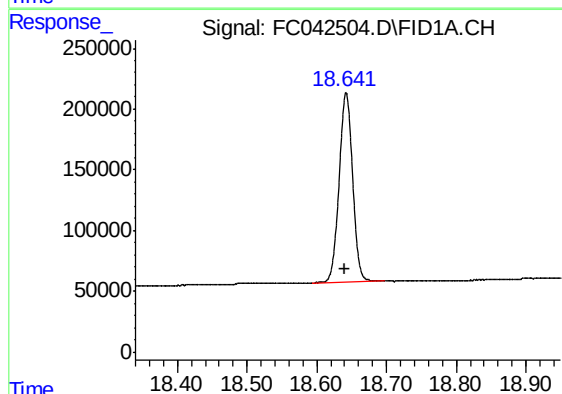
#16 n-Octacosane (C28)

R.T.: 16.928 min
Delta R.T.: 0.002 min
Response: 2352844
Conc: 18.65 ug/ml



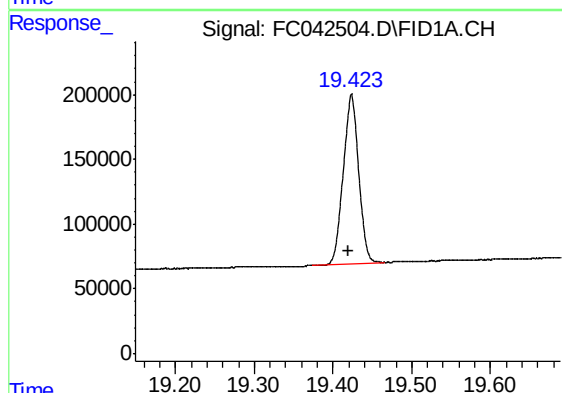
#17 n-Tricontane (C30)

R.T.: 17.813 min
Delta R.T.: 0.002 min
Response: 2267535
Conc: 18.50 ug/ml



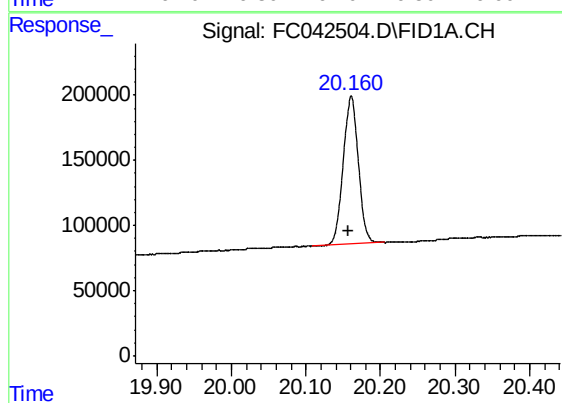
#18 n-Dotriacontane (C32)

R.T.: 18.642 min
Delta R.T.: 0.003 min
Response: 2093231
Conc: 18.73 ug/ml



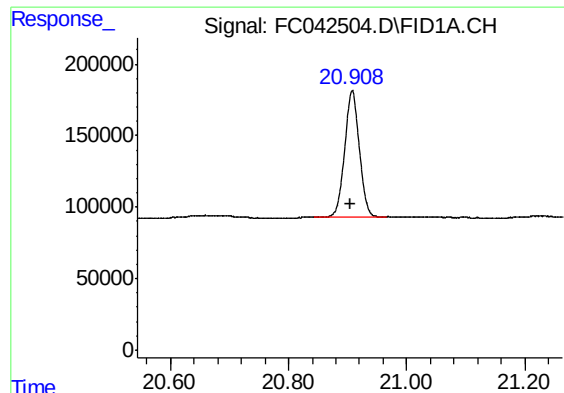
#19 n-Tetratriacontane (C34)

R.T.: 19.424 min
Delta R.T.: 0.004 min
Response: 1770404
Conc: 19.12 ug/ml



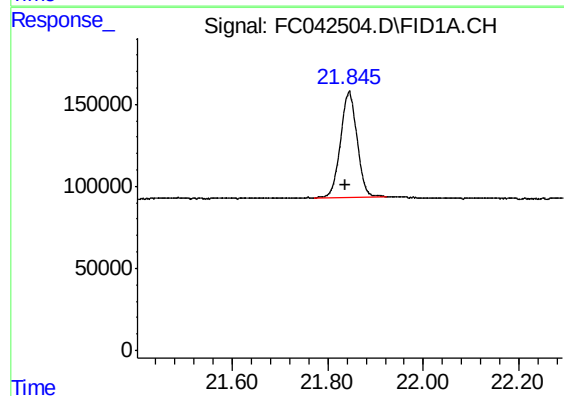
#20 n-Hexatriacontane (C36)

R.T.: 20.161 min
Delta R.T.: 0.003 min
Response: 1602392
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: 0.004 min
Response: 1509150
Conc: 21.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.845 min
Delta R.T.: 0.008 min
Response: 1530320
Conc: 22.05 ug/ml