

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022522AL\
 Data File : FC058492.D
 Signal(s) : FID1A.CH
 Acq On : 26 Feb 2022 8:20
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 00:03:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.390	2778665	19.077 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
12) S 1-chlorooctadecane (S...	12.824	2172993	19.171 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
Target Compounds			
1) T n-Nonane (C9)	3.244	2495001	20.748 ug/ml
2) T n-Decane (C10)	4.294	2523260	21.204 ug/ml
3) T A~Naphthalene (C11.7)	5.854	2670053	20.573 ug/ml
4) T n-Dodecane (C12)	6.289	2529243	20.560 ug/ml
5) T A~2-methylnaphthalene...	6.898	2637611	20.232 ug/ml
6) T n-Tetradecane (C14)	8.067	2532615	20.211 ug/ml
7) T n-Hexadecane (C16)	9.655	2531938	19.661 ug/ml
8) T n-Octadecane (C18)	11.085	2507366	19.054 ug/ml
10) T n-Eicosane (C20)	12.384	2473789	18.812 ug/ml
11) T n-Heneicosane (C21)	12.992	2439287	18.457 ug/ml
13) T n-Docosane (C22)	13.574	2404251	18.442 ug/ml
14) T n-Tetracosane (C24)	14.671	2333147	18.068 ug/ml
15) T n-Hexacosane (C26)	15.686	2193669	17.734 ug/ml
16) T n-Octacosane (C28)	16.630	2173656	18.261 ug/ml
17) T n-Tricontane (C30)	17.511	2172329	19.299 ug/mlm
18) T n-Dotriacontane (C32)	18.341	2172926	20.207 ug/ml
19) T n-Tetratriacontane (C34)	19.122	2052352	21.182 ug/ml
20) T n-Hexatriacontane (C36)	19.858	2000182	22.171 ug/ml
21) T n-Octatriacontane (C38)	20.563	2049450	23.551 ug/mlm
22) T n-Tetracontane (C40)	21.389	1934873	23.057 ug/ml

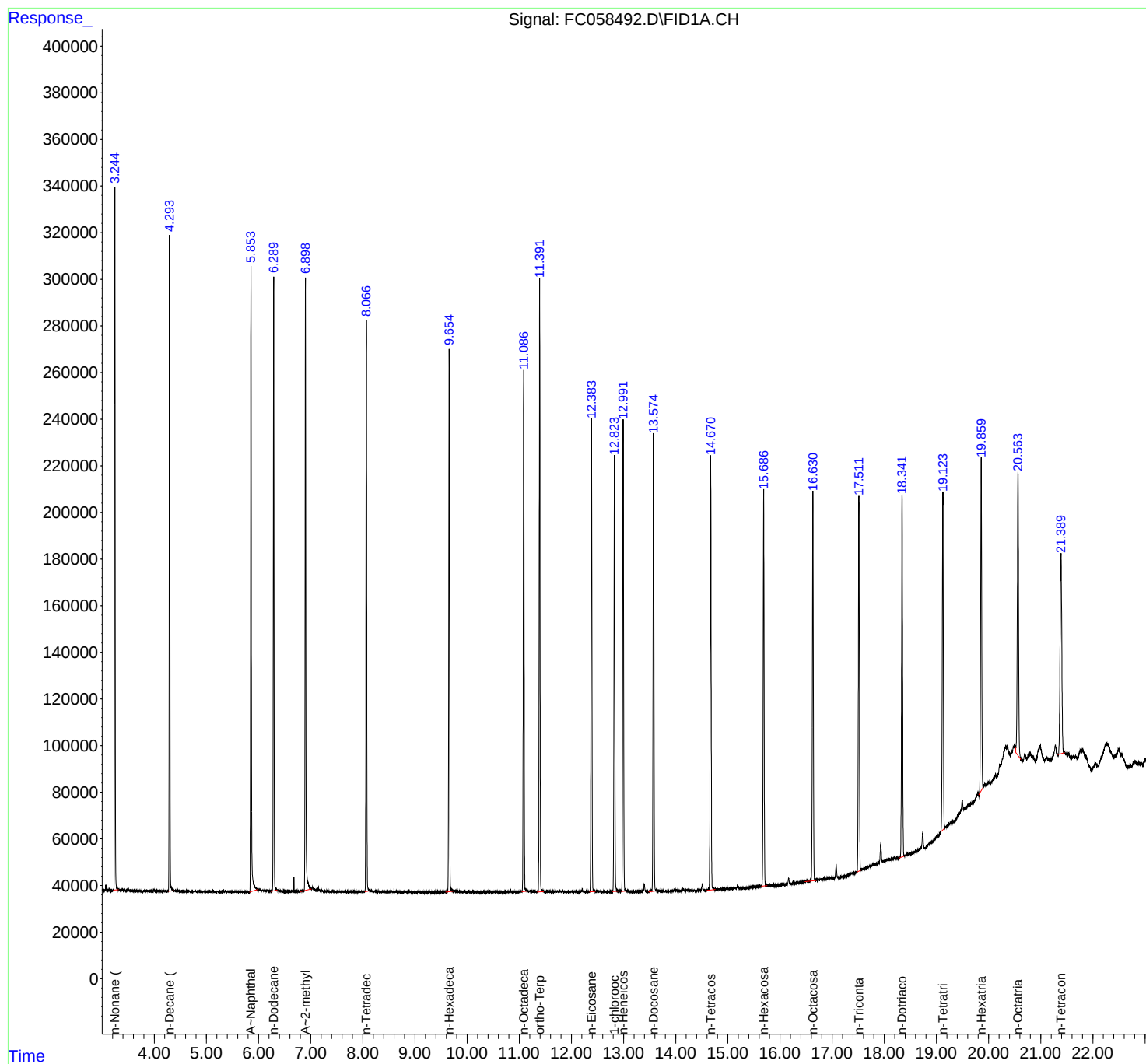
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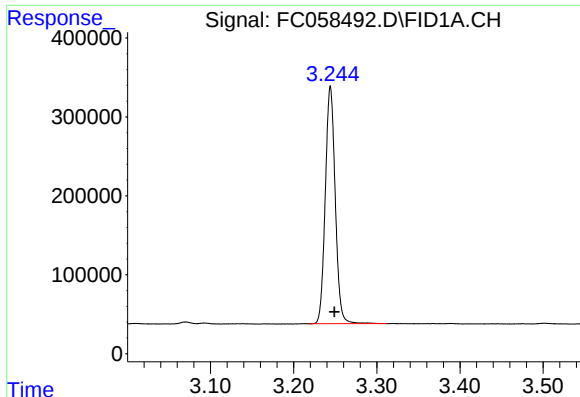
(m)=manual int.

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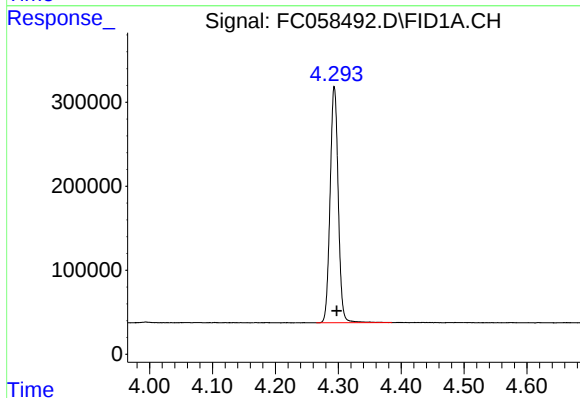
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





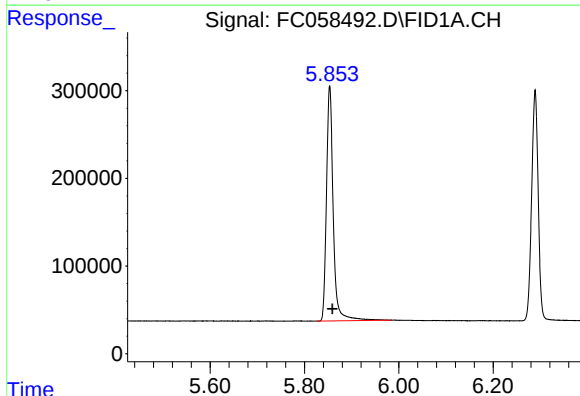
#1 n-Nonane (C9)

R.T.: 3.244 min
Delta R.T.: -0.005 min
Response: 2495001
Conc: 20.75 ug/ml



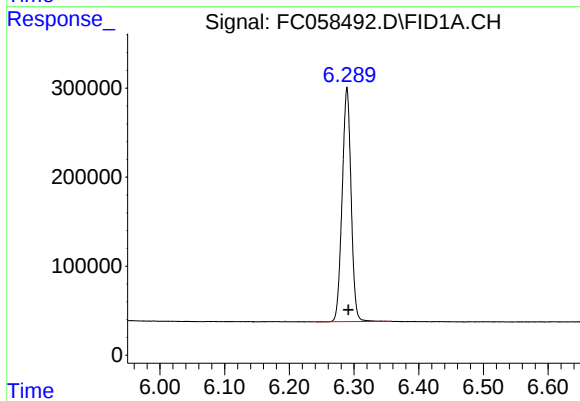
#2 n-Decane (C10)

R.T.: 4.294 min
Delta R.T.: -0.004 min
Response: 2523260
Conc: 21.20 ug/ml



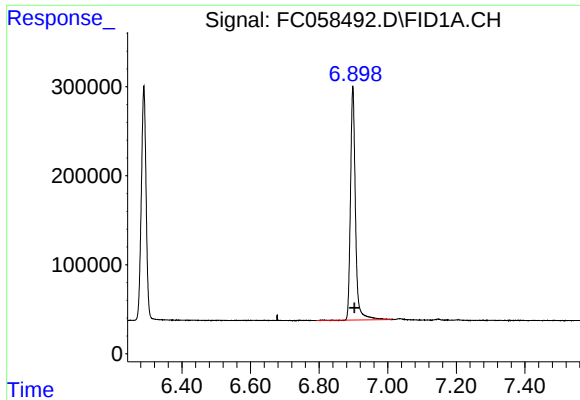
#3 A~Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 2670053
Conc: 20.57 ug/ml



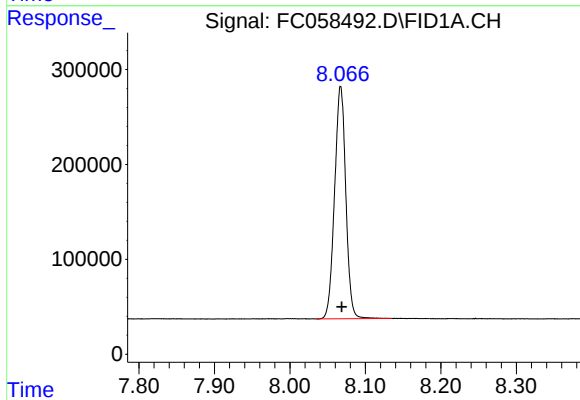
#4 n-Dodecane (C12)

R.T.: 6.289 min
Delta R.T.: -0.002 min
Response: 2529243
Conc: 20.56 ug/ml



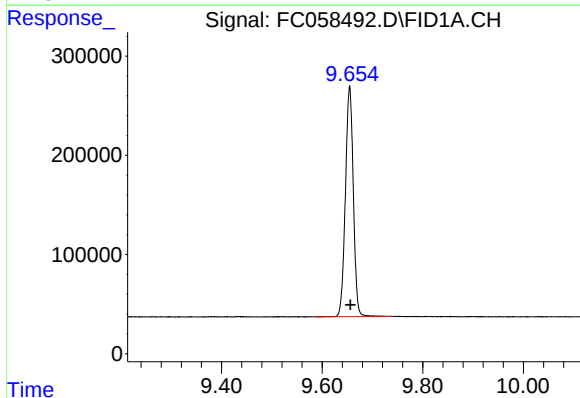
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 2637611
Conc: 20.23 ug/ml



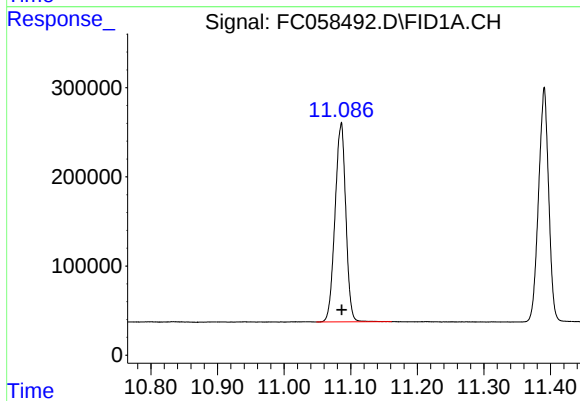
#6 n-Tetradecane (C14)

R.T.: 8.067 min
Delta R.T.: -0.001 min
Response: 2532615
Conc: 20.21 ug/ml



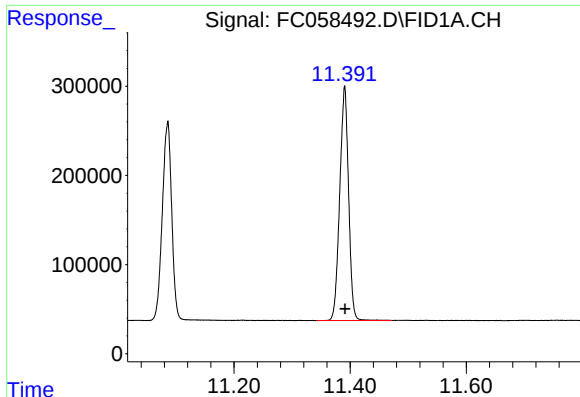
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: -0.002 min
Response: 2531938
Conc: 19.66 ug/ml



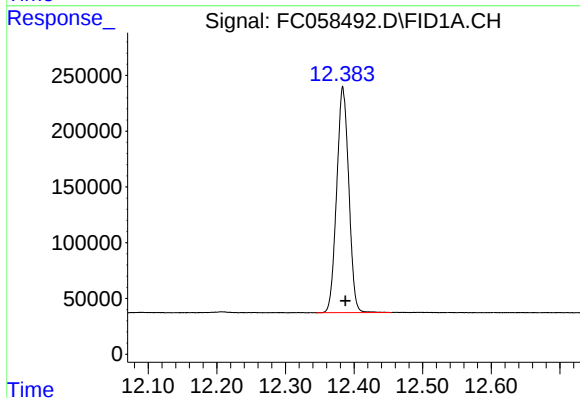
#8 n-Octadecane (C18)

R.T.: 11.085 min
Delta R.T.: -0.001 min
Response: 2507366
Conc: 19.05 ug/ml



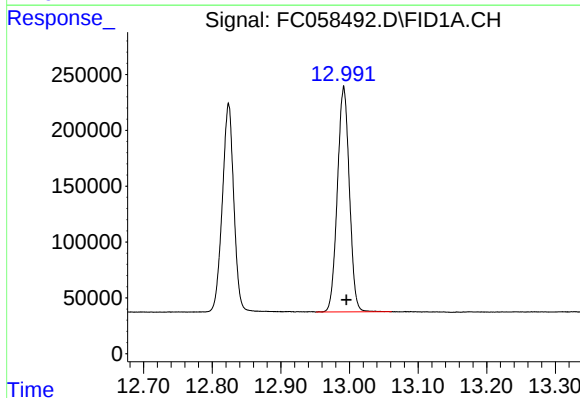
#9 ortho-Terphenyl (SURR)

R.T.: 11.390 min
Delta R.T.: 0.000 min
Response: 2778665
Conc: 19.08 ug/ml



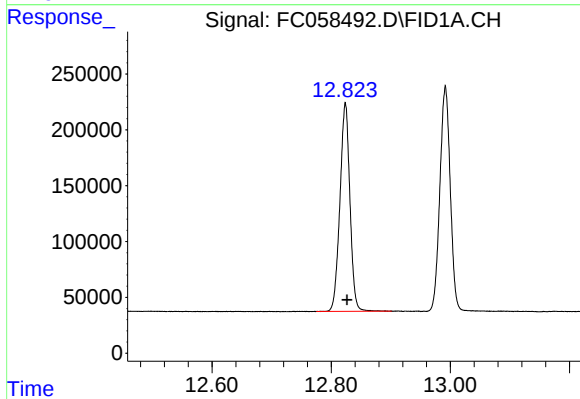
#10 n-Eicosane (C20)

R.T.: 12.384 min
Delta R.T.: -0.004 min
Response: 2473789
Conc: 18.81 ug/ml



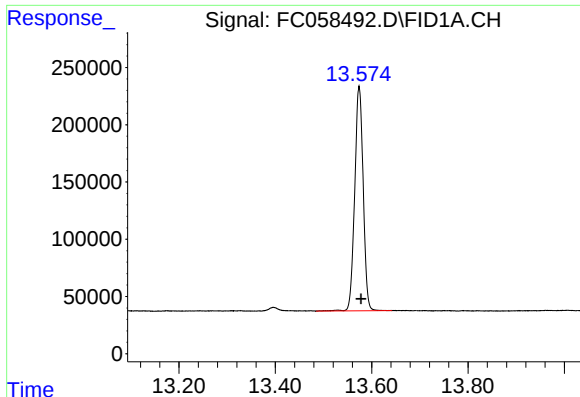
#11 n-Heneicosane (C21)

R.T.: 12.992 min
Delta R.T.: -0.004 min
Response: 2439287
Conc: 18.46 ug/ml



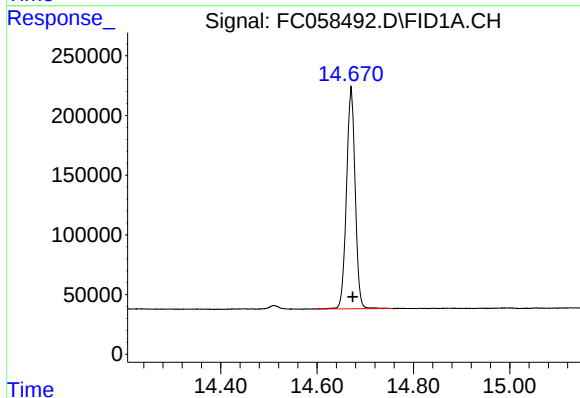
#12 1-chlorooctadecane (SURR)

R.T.: 12.824 min
Delta R.T.: -0.003 min
Response: 2172993
Conc: 19.17 ug/ml



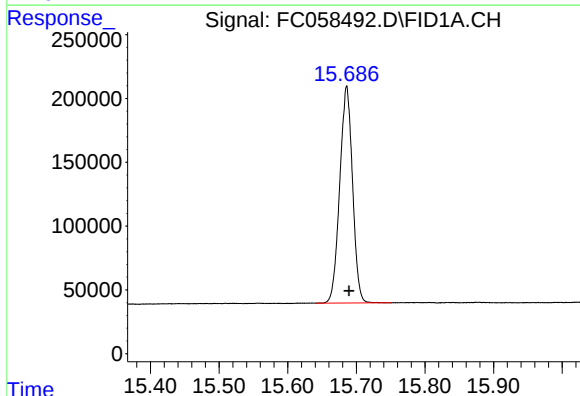
#13 n-Docosane (C22)

R.T.: 13.574 min
Delta R.T.: -0.004 min
Response: 2404251
Conc: 18.44 ug/ml



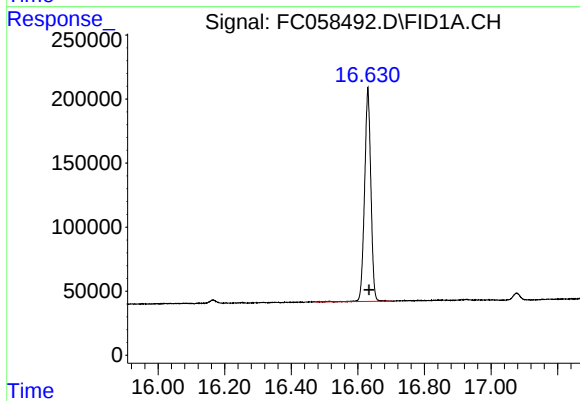
#14 n-Tetracosane (C24)

R.T.: 14.671 min
Delta R.T.: -0.003 min
Response: 2333147
Conc: 18.07 ug/ml



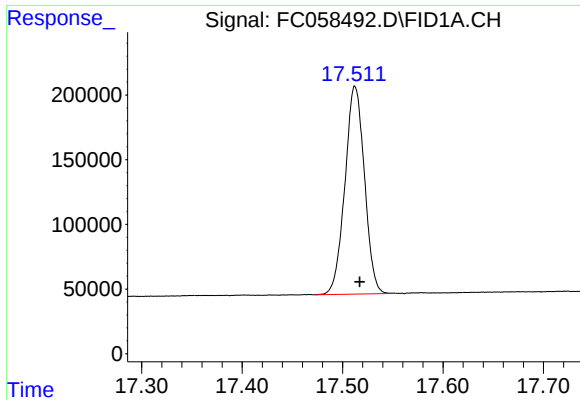
#15 n-Hexacosane (C26)

R.T.: 15.686 min
Delta R.T.: -0.004 min
Response: 2193669
Conc: 17.73 ug/ml



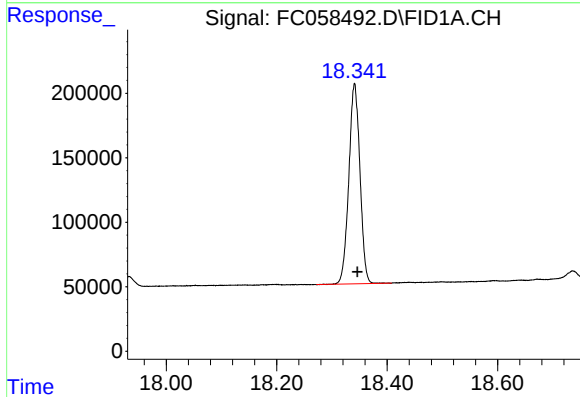
#16 n-Octacosane (C28)

R.T.: 16.630 min
Delta R.T.: -0.003 min
Response: 2173656
Conc: 18.26 ug/ml



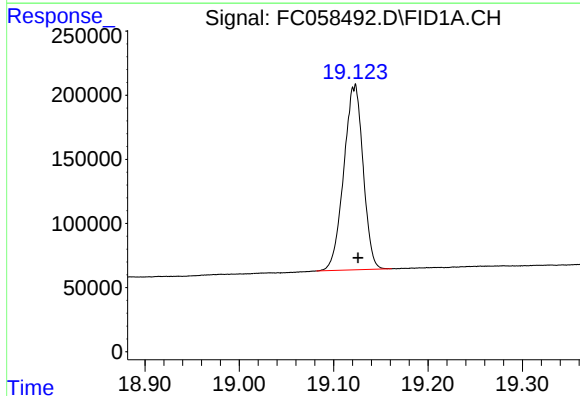
#17 n-Tricontane (C30)

R.T.: 17.511 min
Delta R.T.: -0.006 min
Response: 2172329
Conc: 19.30 ug/ml m



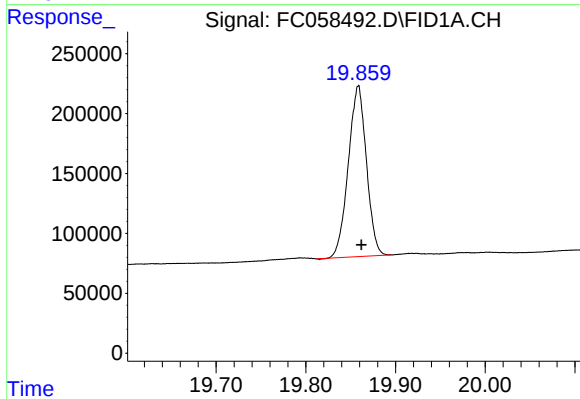
#18 n-Dotriacontane (C32)

R.T.: 18.341 min
Delta R.T.: -0.005 min
Response: 2172926
Conc: 20.21 ug/ml



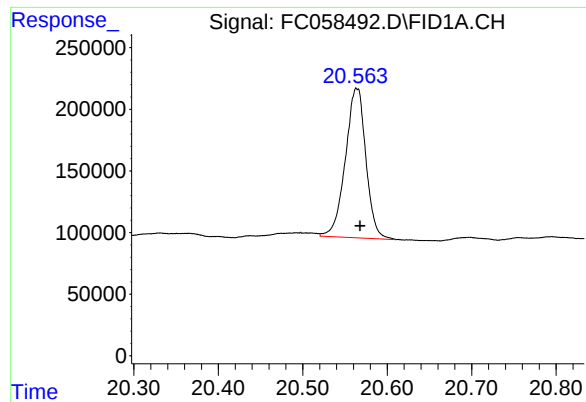
#19 n-Tetratriacontane (C34)

R.T.: 19.122 min
Delta R.T.: -0.004 min
Response: 2052352
Conc: 21.18 ug/ml



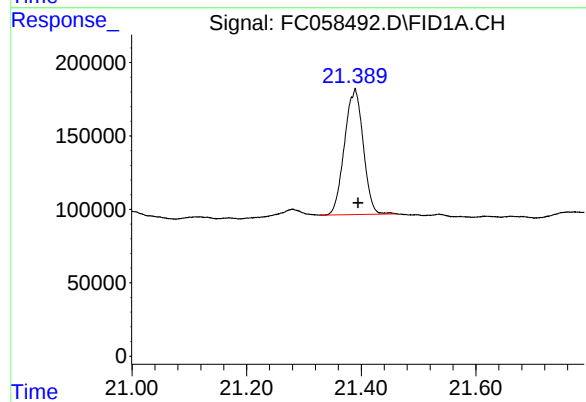
#20 n-Hexatriacontane (C36)

R.T.: 19.858 min
Delta R.T.: -0.004 min
Response: 2000182
Conc: 22.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.563 min
Delta R.T.: -0.005 min
Response: 2049450
Conc: 23.55 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.389 min
Delta R.T.: -0.006 min
Response: 1934873
Conc: 23.06 ug/ml