

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040721AL\
 Data File : FC053009.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2021 18:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 08 02:21:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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)	11.556	2497798	18.635 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
12) S 1-chlorooctadecane (S...	12.993	1942219	18.007 ug/ml
Spiked Amount 50.000		Recovery =	36.01%
Target Compounds			
1) T n-Nonane (C9)	3.314	2521045	21.705 ug/ml
2) T n-Decane (C10)	4.380	2545128	21.719 ug/ml
3) T A~Naphthalene (C11.7)	5.965	2785524	21.276 ug/ml
4) T n-Dodecane (C12)	6.399	2579454	21.484 ug/ml
5) T A~2-methylnaphthalene...	7.023	2823371	21.092 ug/ml
6) T n-Tetradecane (C14)	8.197	2544704	21.040 ug/ml
7) T n-Hexadecane (C16)	9.798	2458185	20.439 ug/ml
8) T n-Octadecane (C18)	11.241	2471468	19.588 ug/ml
10) T n-Eicosane (C20)	12.550	2366581	18.533 ug/ml
11) T n-Heneicosane (C21)	13.162	2301371	18.106 ug/ml
13) T n-Docosane (C22)	13.747	2239244	17.676 ug/ml
14) T n-Tetracosane (C24)	14.850	2121104	16.980 ug/ml
15) T n-Hexacosane (C26)	15.872	2023140	16.802 ug/ml
16) T n-Octacosane (C28)	16.822	1980419	17.177 ug/ml
17) T n-Tricontane (C30)	17.710	1954966	17.944 ug/ml
18) T n-Dotriacontane (C32)	18.541	1947272	19.407 ug/ml
19) T n-Tetratriacontane (C34)	19.324	1943549	21.144 ug/ml
20) T n-Hexatriacontane (C36)	20.064	1910238	20.948 ug/ml
21) T n-Octatriacontane (C38)	20.797	1861164	22.804 ug/ml
22) T n-Tetracontane (C40)	21.698	1920541	22.296 ug/ml

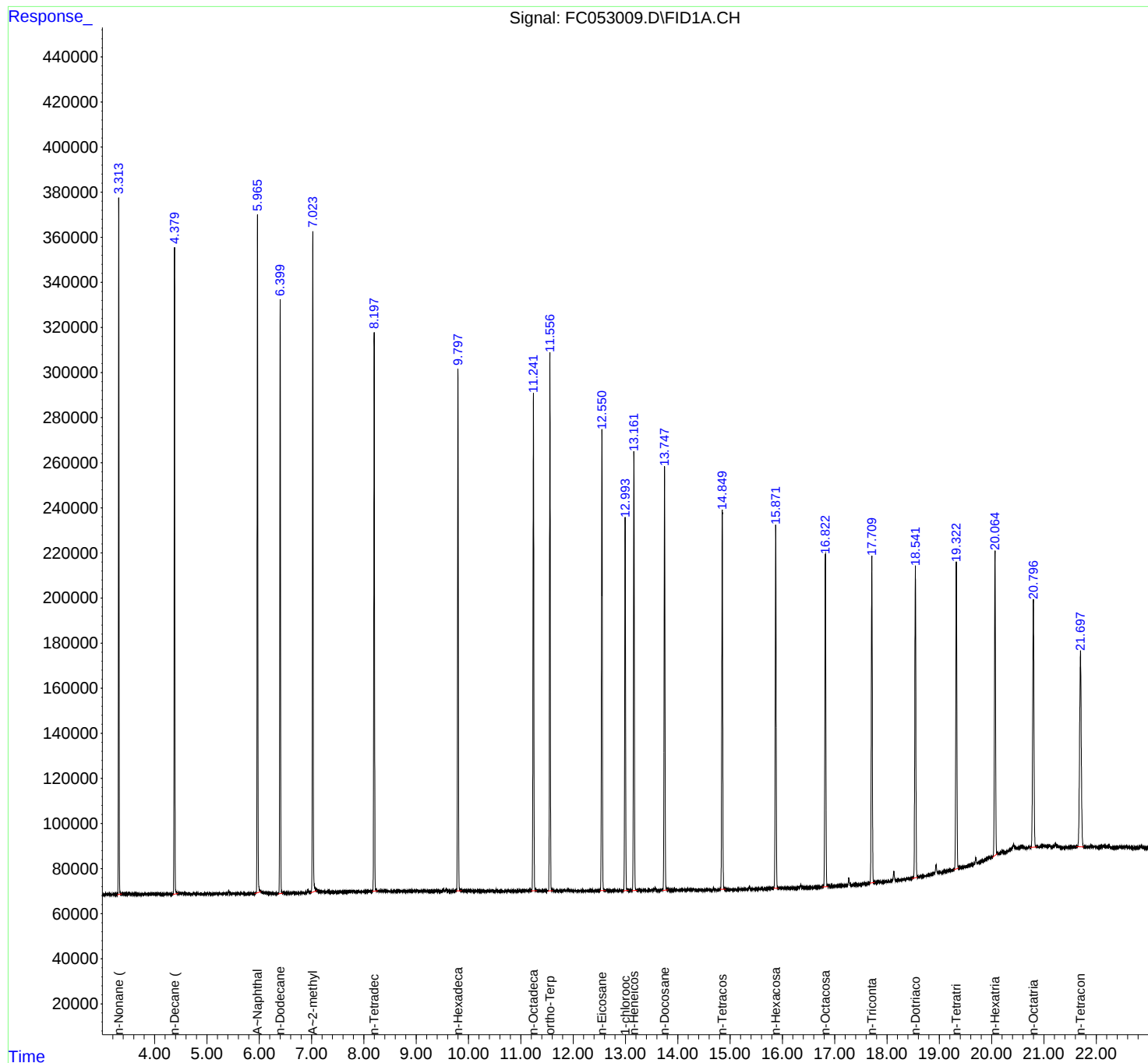
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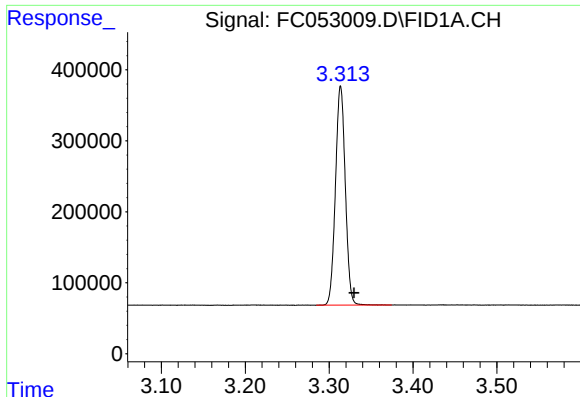
(m)=manual int.

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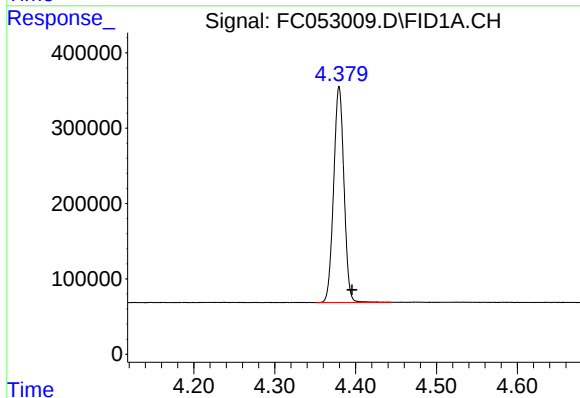
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Signal Info : 20M x 0.18mm x 0.18um





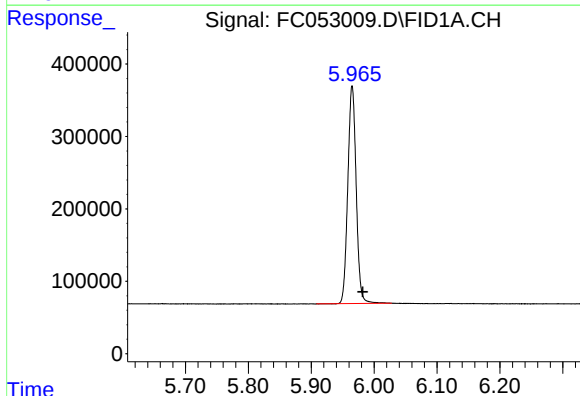
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.016 min
Response: 2521045
Conc: 21.71 ug/ml



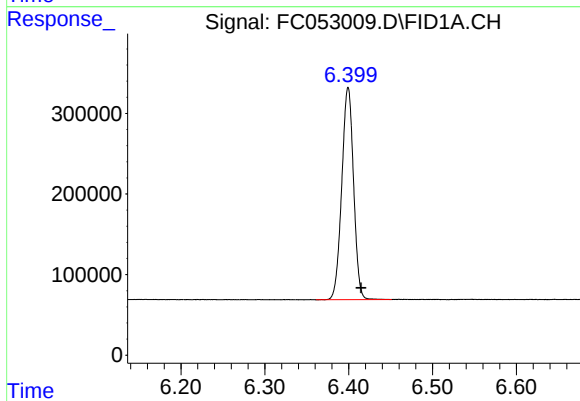
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.016 min
Response: 2545128
Conc: 21.72 ug/ml



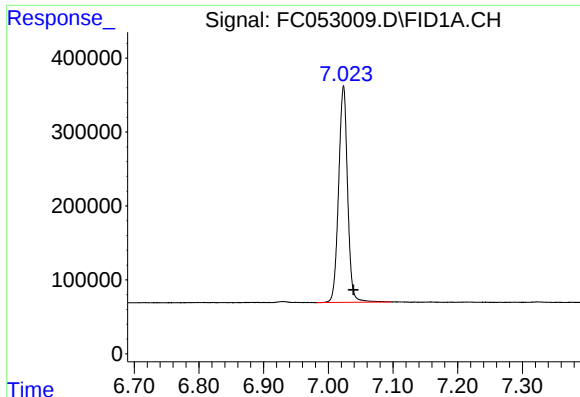
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.017 min
Response: 2785524
Conc: 21.28 ug/ml



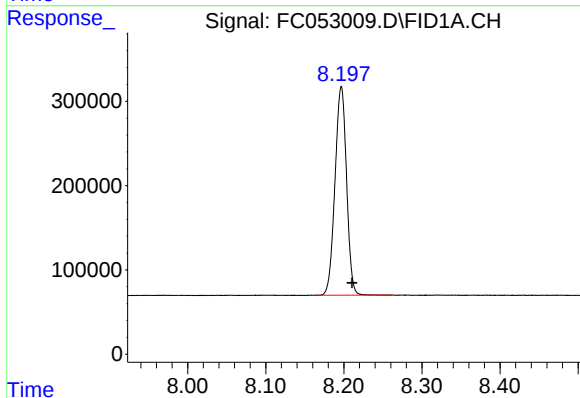
#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: -0.015 min
Response: 2579454
Conc: 21.48 ug/ml



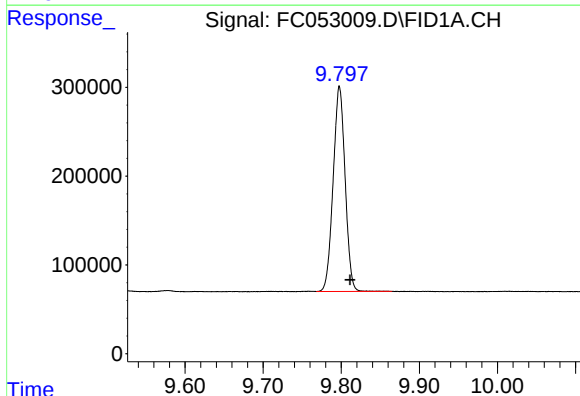
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: -0.015 min
Response: 2823371
Conc: 21.09 ug/ml



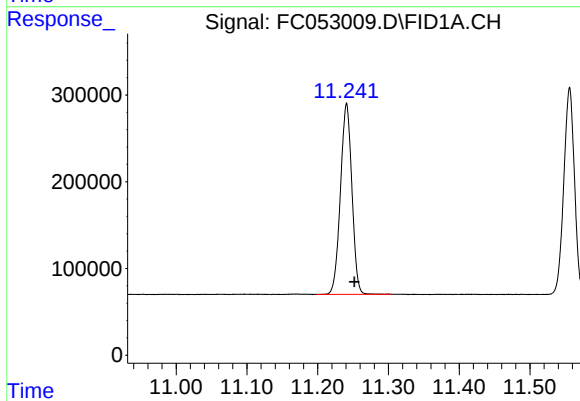
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.014 min
Response: 2544704
Conc: 21.04 ug/ml



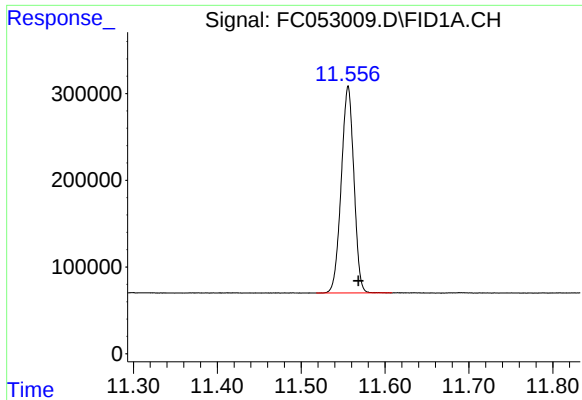
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.014 min
Response: 2458185
Conc: 20.44 ug/ml



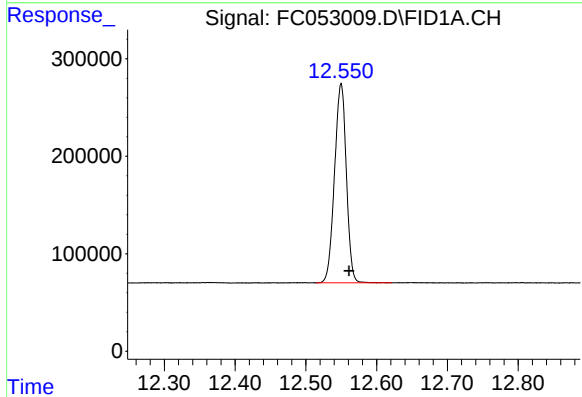
#8 n-Octadecane (C18)

R.T.: 11.241 min
Delta R.T.: -0.011 min
Response: 2471468
Conc: 19.59 ug/ml



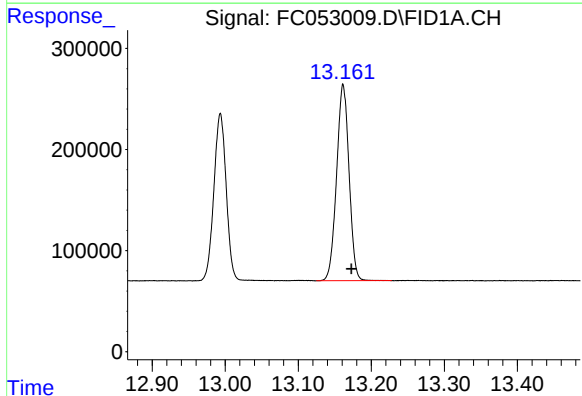
#9 ortho-Terphenyl (SURR)

R.T.: 11.556 min
Delta R.T.: -0.013 min
Response: 2497798
Conc: 18.63 ug/ml



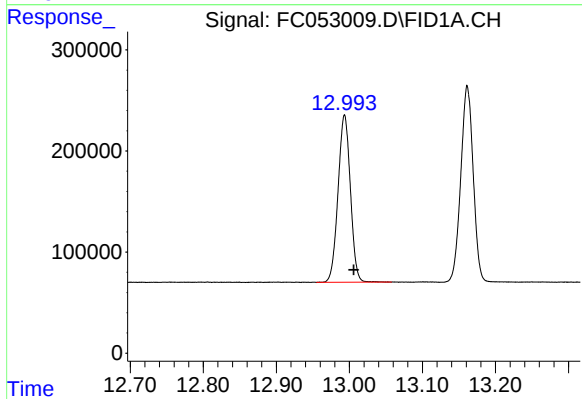
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.011 min
Response: 2366581
Conc: 18.53 ug/ml



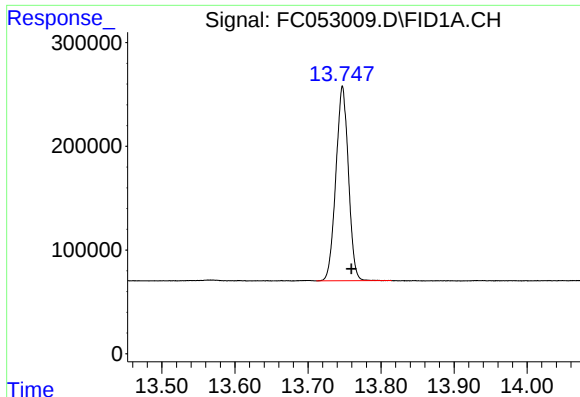
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.011 min
Response: 2301371
Conc: 18.11 ug/ml



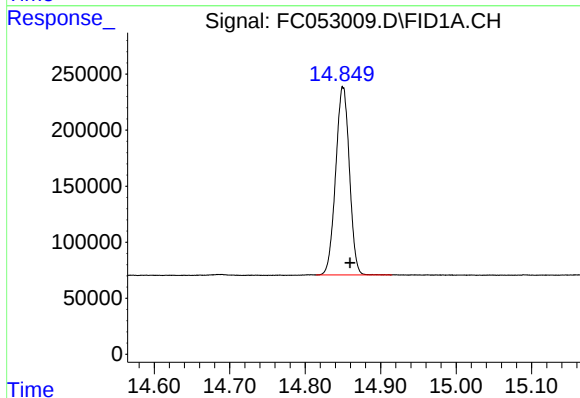
#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: -0.013 min
Response: 1942219
Conc: 18.01 ug/ml



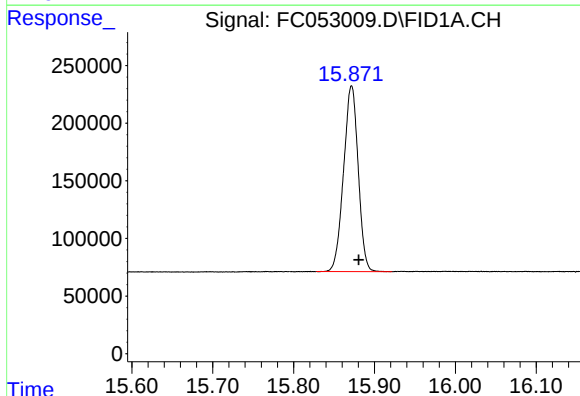
#13 n-Docosane (C22)

R.T.: 13.747 min
Delta R.T.: -0.012 min
Response: 2239244
Conc: 17.68 ug/ml



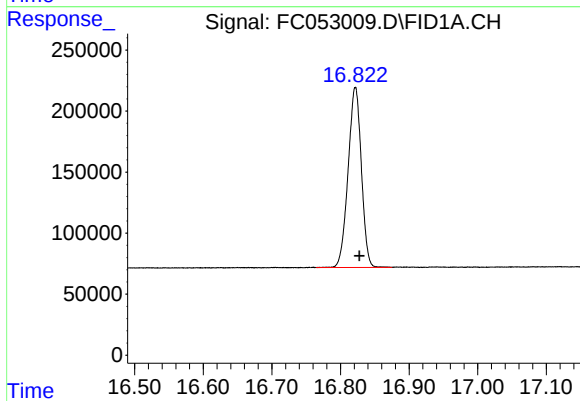
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: -0.010 min
Response: 2121104
Conc: 16.98 ug/ml



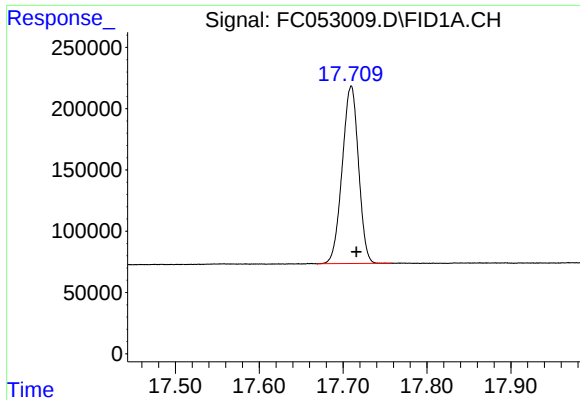
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.009 min
Response: 2023140
Conc: 16.80 ug/ml



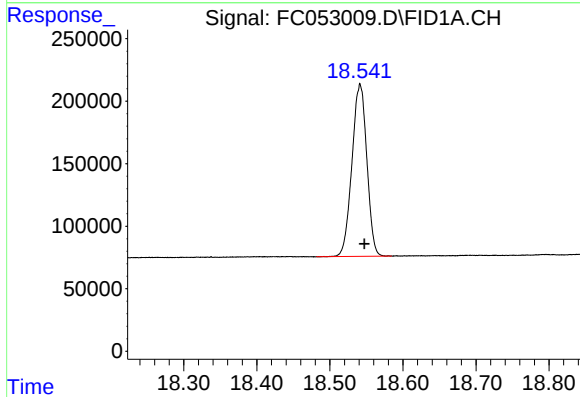
#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: -0.006 min
Response: 1980419
Conc: 17.18 ug/ml



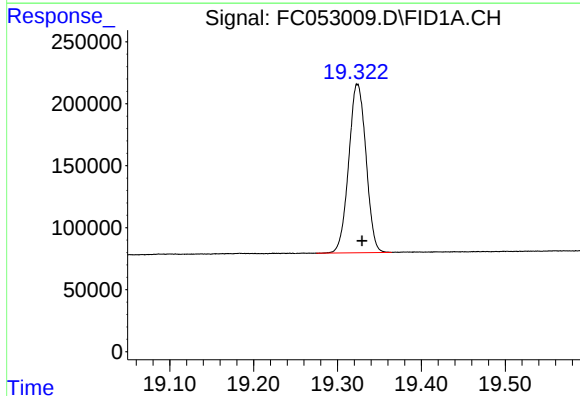
#17 n-Tricontane (C30)

R.T.: 17.710 min
Delta R.T.: -0.006 min
Response: 1954966
Conc: 17.94 ug/ml



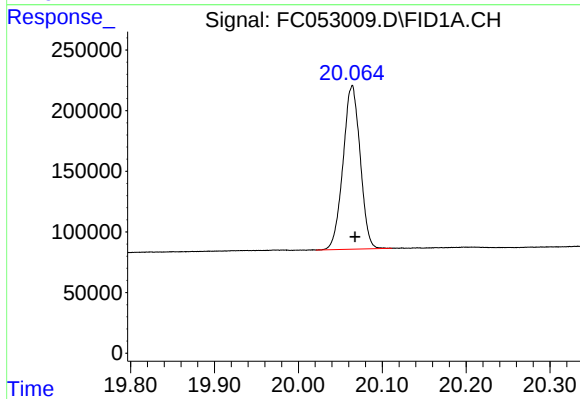
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.006 min
Response: 1947272
Conc: 19.41 ug/ml



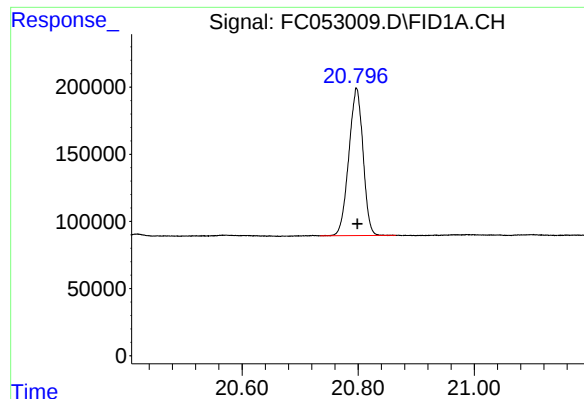
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: -0.005 min
Response: 1943549
Conc: 21.14 ug/ml



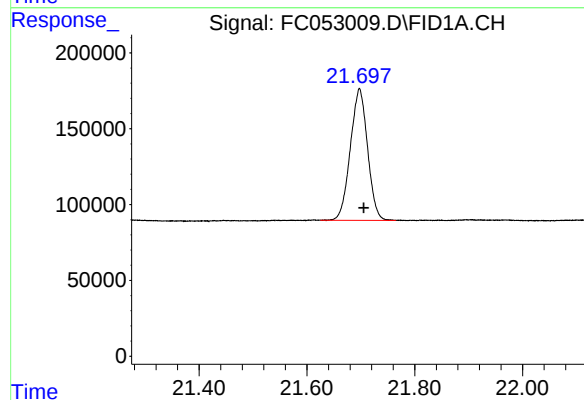
#20 n-Hexatriacontane (C36)

R.T.: 20.064 min
Delta R.T.: -0.004 min
Response: 1910238
Conc: 20.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.002 min
Response: 1861164
Conc: 22.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: -0.008 min
Response: 1920541
Conc: 22.30 ug/ml