

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050521AL\
 Data File : FC053501.D
 Signal(s) : FID1A.CH
 Acq On : 05 May 2021 17:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 06 02:48:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.534	2904720	20.980 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
12) S 1-chlorooctadecane (S...	12.975	2330475	20.895 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
Target Compounds			
1) T n-Nonane (C9)	3.292	2450128	20.744 ug/ml
2) T n-Decane (C10)	4.357	2490116	21.029 ug/ml
3) T A~Naphthalene (C11.7)	5.941	2739784	21.027 ug/ml
4) T n-Dodecane (C12)	6.376	2551592	21.087 ug/ml
5) T A~2-methylnaphthalene...	6.998	2802760	21.199 ug/ml
6) T n-Tetradecane (C14)	8.174	2586397	21.232 ug/ml
7) T n-Hexadecane (C16)	9.777	2608353	21.297 ug/ml
8) T n-Octadecane (C18)	11.220	2747912	21.100 ug/ml
10) T n-Eicosane (C20)	12.531	2774860	20.964 ug/ml
11) T n-Heneicosane (C21)	13.144	2768098	20.842 ug/ml
13) T n-Docosane (C22)	13.731	2775613	20.867 ug/ml
14) T n-Tetracosane (C24)	14.835	2780226	20.828 ug/ml
15) T n-Hexacosane (C26)	15.858	2715806	20.541 ug/ml
16) T n-Octacosane (C28)	16.808	2679358	20.468 ug/ml
17) T n-Tricontane (C30)	17.697	2635973	20.210 ug/ml
18) T n-Dotriacontane (C32)	18.530	2512595	19.913 ug/ml
19) T n-Tetratriacontane (C34)	19.314	2393255	19.643 ug/ml
20) T n-Hexatriacontane (C36)	20.053	2217694	18.968 ug/ml
21) T n-Octatriacontane (C38)	20.785	2003444	19.475 ug/ml
22) T n-Tetracontane (C40)	21.680	1995588	20.027 ug/ml

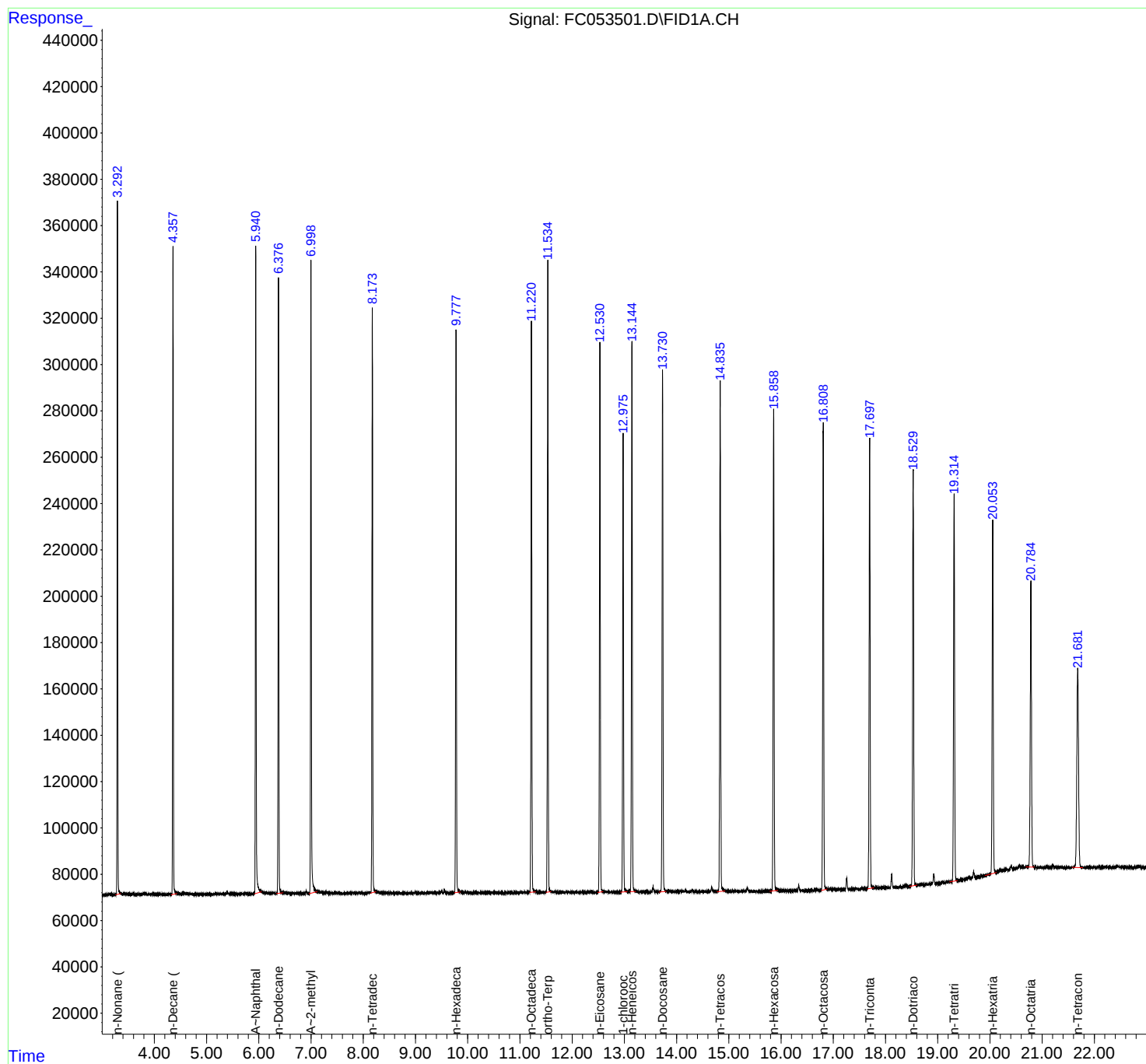
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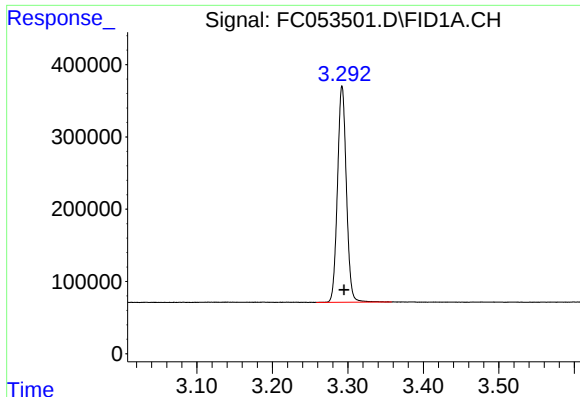
(m)=manual int.

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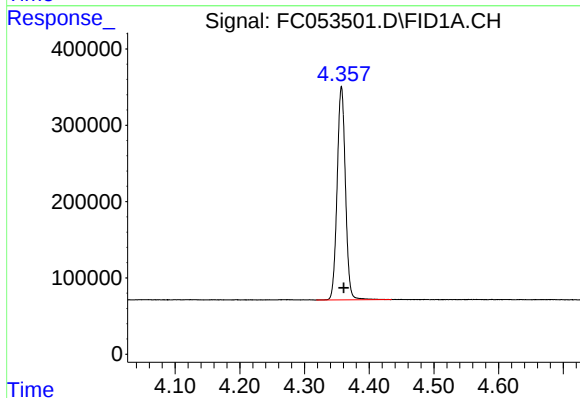
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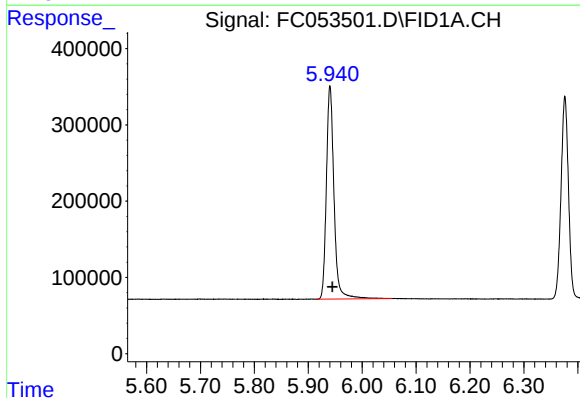
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.003 min
Response: 2450128
Conc: 20.74 ug/ml



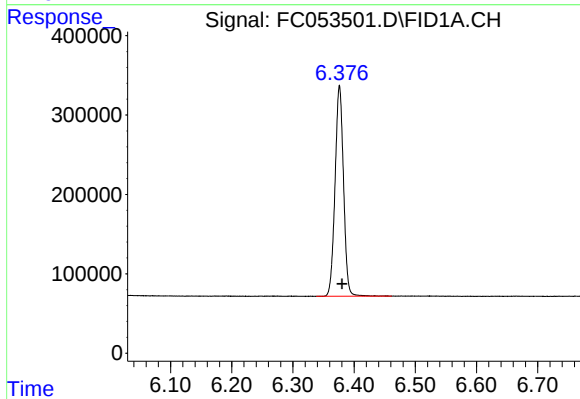
#2 n-Decane (C10)

R.T.: 4.357 min
Delta R.T.: -0.003 min
Response: 2490116
Conc: 21.03 ug/ml



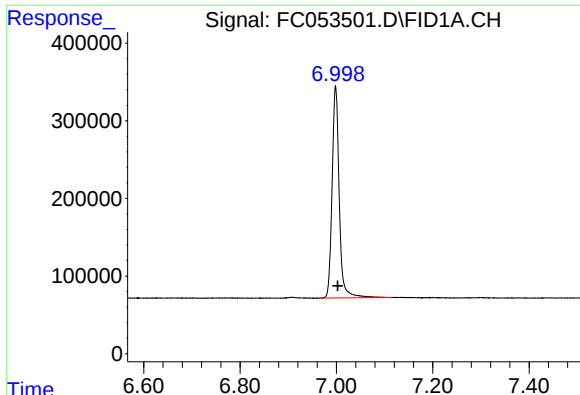
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 2739784
Conc: 21.03 ug/ml



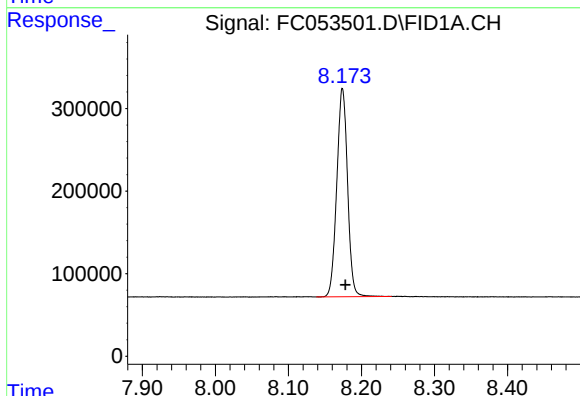
#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: -0.004 min
Response: 2551592
Conc: 21.09 ug/ml



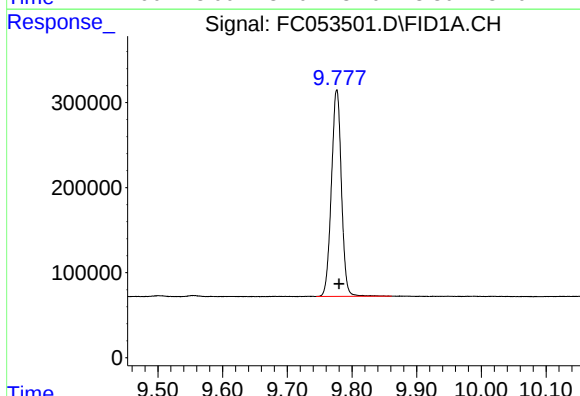
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.005 min
Response: 2802760
Conc: 21.20 ug/ml



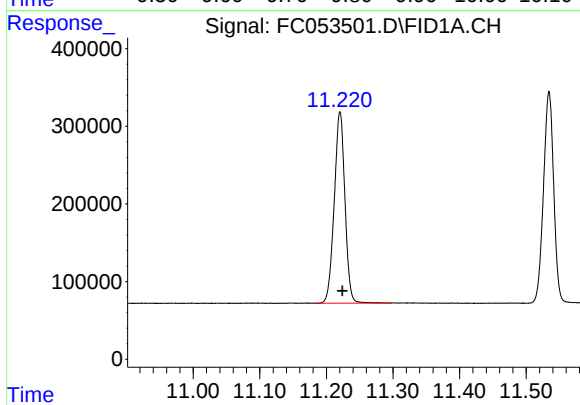
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.004 min
Response: 2586397
Conc: 21.23 ug/ml



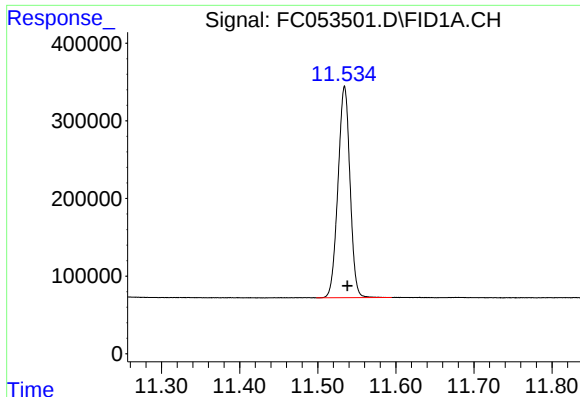
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.004 min
Response: 2608353
Conc: 21.30 ug/ml



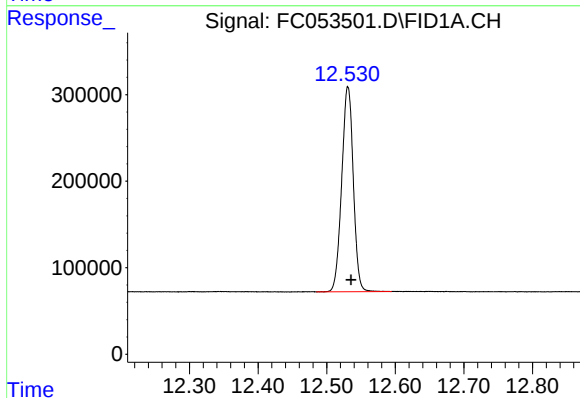
#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.004 min
Response: 2747912
Conc: 21.10 ug/ml



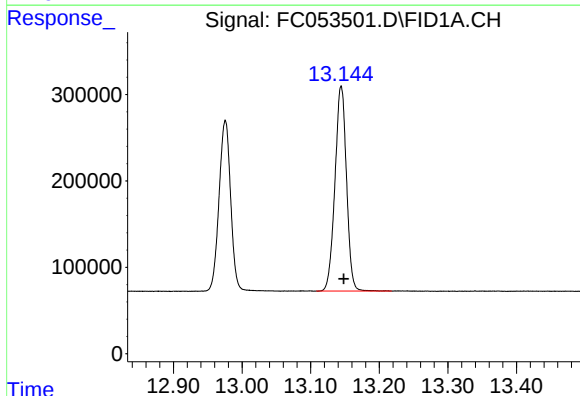
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.004 min
Response: 2904720
Conc: 20.98 ug/ml



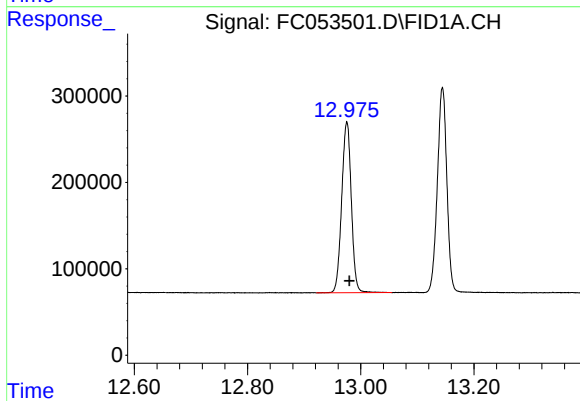
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: -0.005 min
Response: 2774860
Conc: 20.96 ug/ml



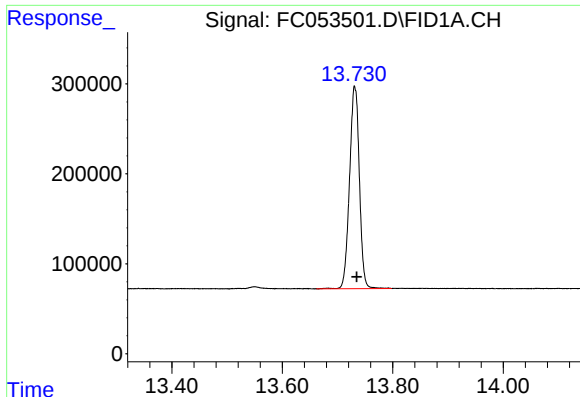
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.004 min
Response: 2768098
Conc: 20.84 ug/ml



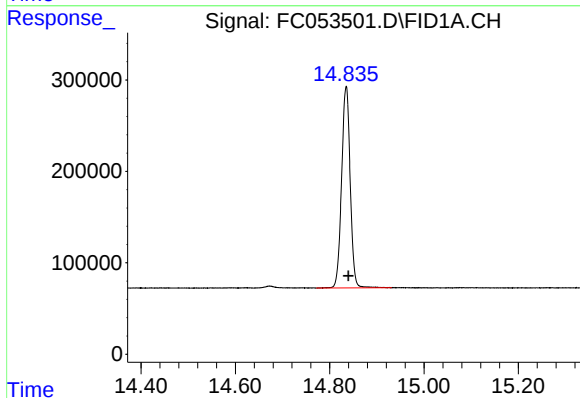
#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.005 min
Response: 2330475
Conc: 20.89 ug/ml



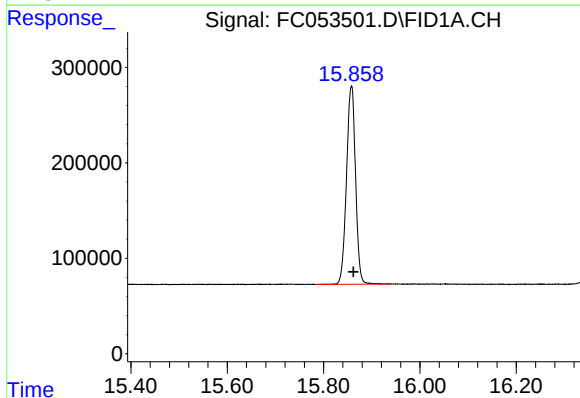
#13 n-Docosane (C22)

R.T.: 13.731 min
Delta R.T.: -0.004 min
Response: 2775613
Conc: 20.87 ug/ml



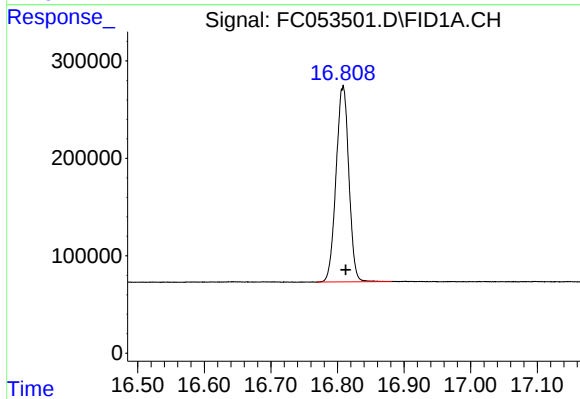
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.005 min
Response: 2780226
Conc: 20.83 ug/ml



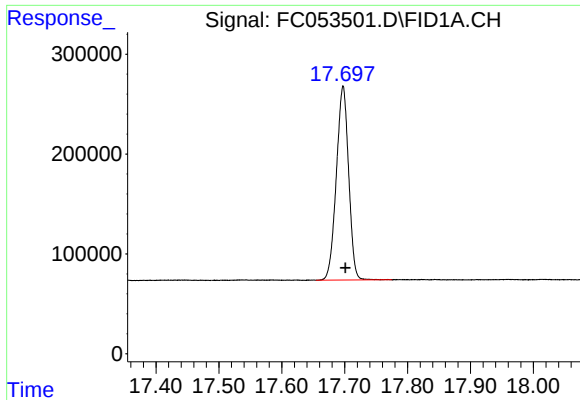
#15 n-Hexacosane (C26)

R.T.: 15.858 min
Delta R.T.: -0.004 min
Response: 2715806
Conc: 20.54 ug/ml



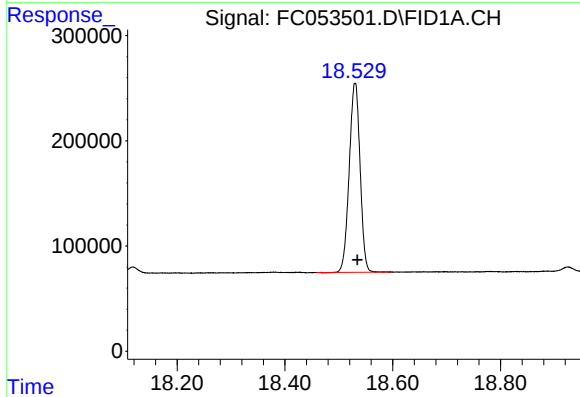
#16 n-Octacosane (C28)

R.T.: 16.808 min
Delta R.T.: -0.004 min
Response: 2679358
Conc: 20.47 ug/ml



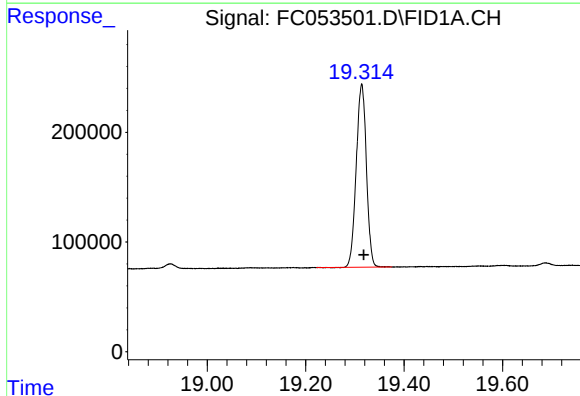
#17 n-Tricontane (C30)

R.T.: 17.697 min
Delta R.T.: -0.004 min
Response: 2635973
Conc: 20.21 ug/ml



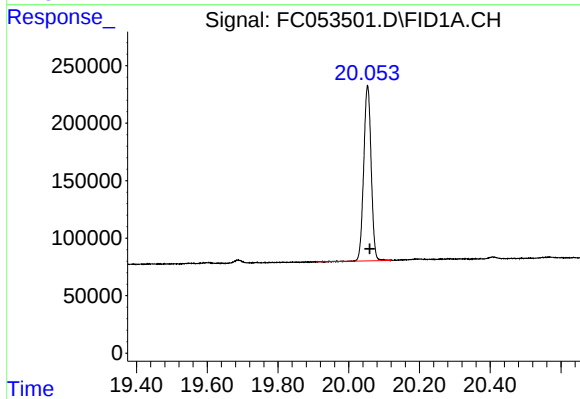
#18 n-Dotriacontane (C32)

R.T.: 18.530 min
Delta R.T.: -0.004 min
Response: 2512595
Conc: 19.91 ug/ml



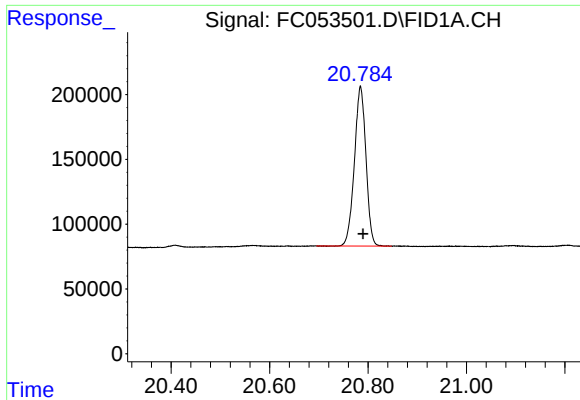
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.004 min
Response: 2393255
Conc: 19.64 ug/ml



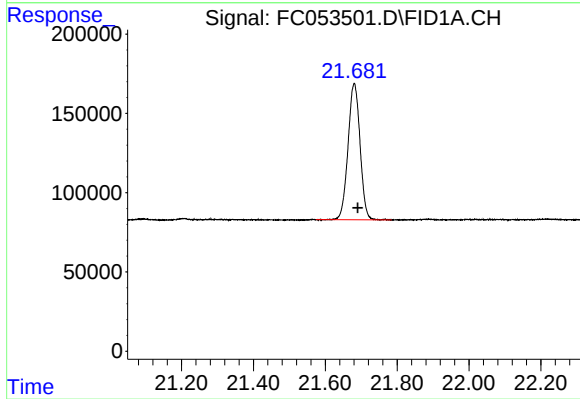
#20 n-Hexatriacontane (C36)

R.T.: 20.053 min
Delta R.T.: -0.006 min
Response: 2217694
Conc: 18.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.005 min
Response: 2003444
Conc: 19.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.680 min
Delta R.T.: -0.010 min
Response: 1995588
Conc: 20.03 ug/ml