

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051321AL\
 Data File : FC053703.D
 Signal(s) : FID1A.CH
 Acq On : 14 May 2021 2:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 14 07:05:06 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)	11.530	2754456	19.895 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	12.971	2141285	19.198 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
Target Compounds			
1) T n-Nonane (C9)	3.288	2578706	21.833 ug/ml
2) T n-Decane (C10)	4.353	2651107	22.388 ug/ml
3) T A~Naphthalene (C11.7)	5.938	2917121	22.388 ug/ml
4) T n-Dodecane (C12)	6.372	2710670	22.402 ug/ml
5) T A~2-methylnaphthalene...	6.996	2970185	22.465 ug/ml
6) T n-Tetradecane (C14)	8.170	2707138	22.223 ug/ml
7) T n-Hexadecane (C16)	9.772	2645179	21.597 ug/ml
8) T n-Octadecane (C18)	11.216	2694735	20.692 ug/ml
10) T n-Eicosane (C20)	12.526	2626343	19.842 ug/ml
11) T n-Heneicosane (C21)	13.140	2567641	19.333 ug/ml
13) T n-Docosane (C22)	13.726	2515029	18.908 ug/ml
14) T n-Tetracosane (C24)	14.831	2446959	18.331 ug/ml
15) T n-Hexacosane (C26)	15.854	2303396	17.422 ug/ml
16) T n-Octacosane (C28)	16.805	2245055	17.150 ug/mlm
17) T n-Tricontane (C30)	17.692	2254028	17.281 ug/mlm
18) T n-Dotriacontane (C32)	18.528	2219423	17.589 ug/mlm
19) T n-Tetratriacontane (C34)	19.311	2173413	17.838 ug/mlm
20) T n-Hexatriacontane (C36)	20.053	2112485	18.068 ug/mlm
21) T n-Octatriacontane (C38)	20.782	2025322	19.688 ug/mlm
22) T n-Tetracontane (C40)	21.679	2068509	20.759 ug/ml

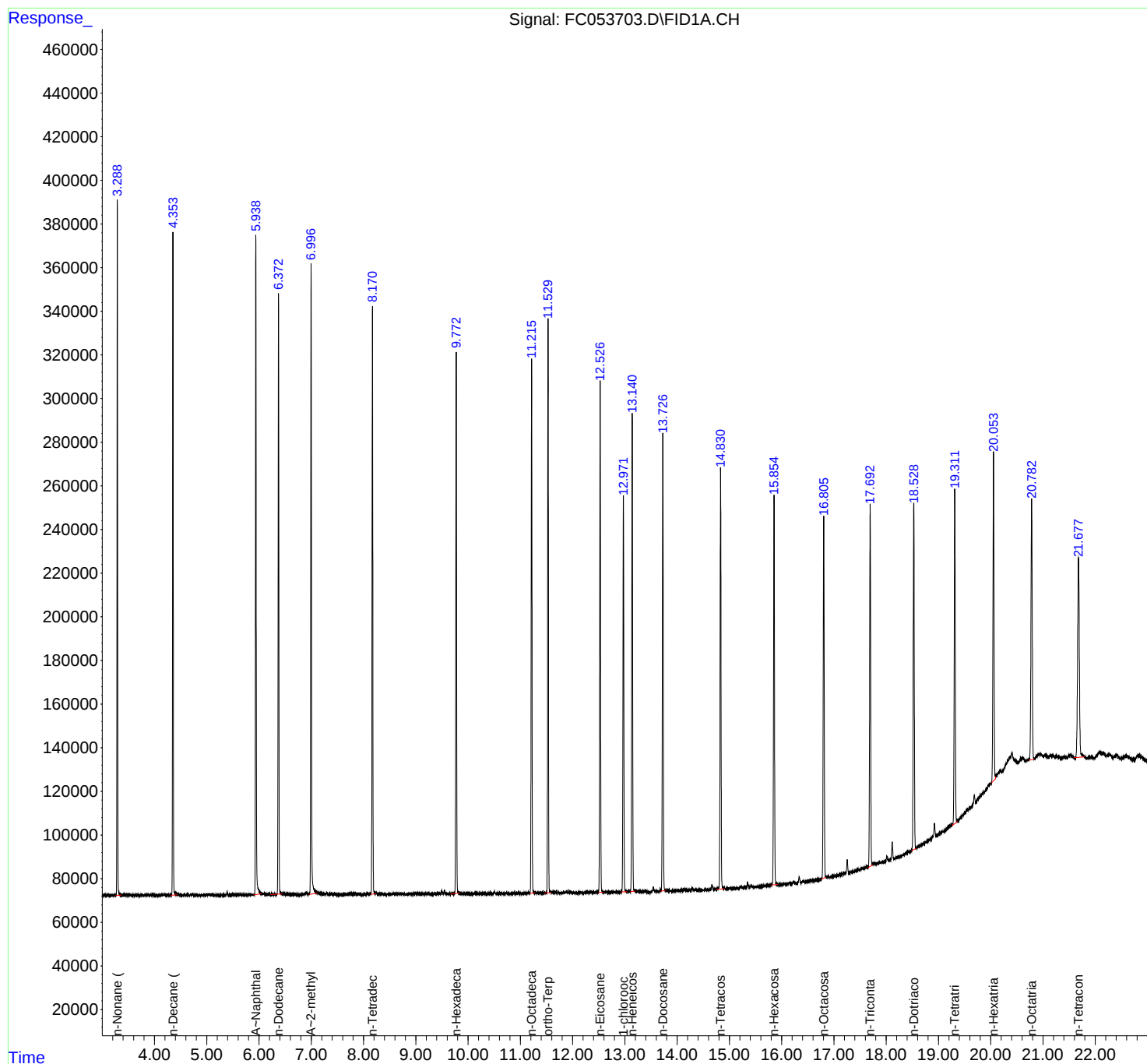
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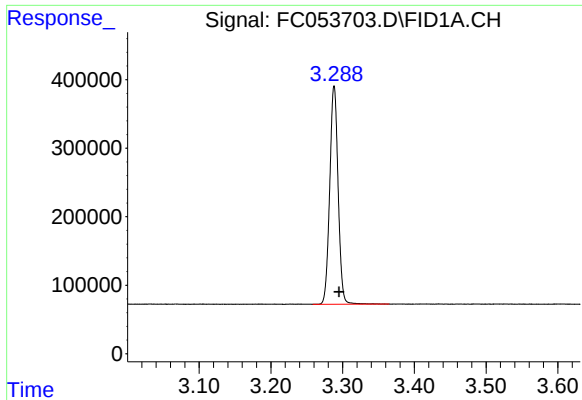
(m)=manual int.

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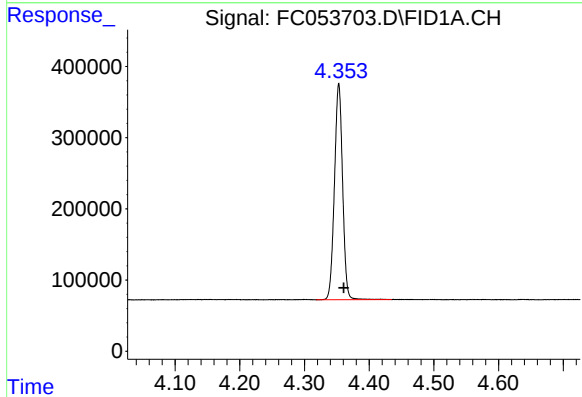
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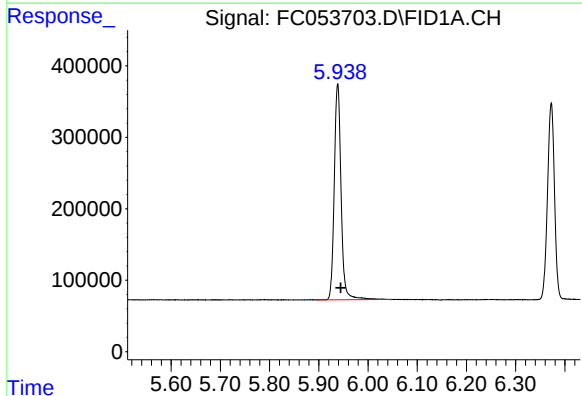
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.007 min
Response: 2578706
Conc: 21.83 ug/ml



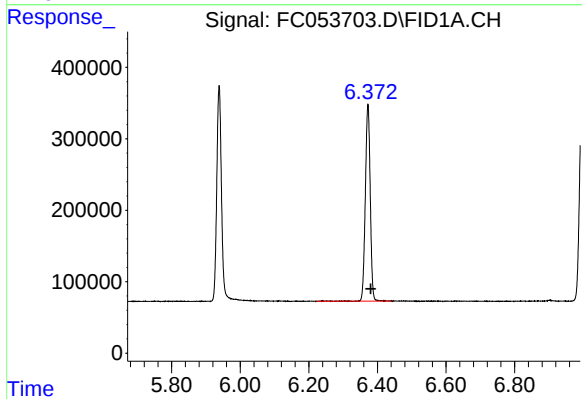
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: -0.008 min
Response: 2651107
Conc: 22.39 ug/ml



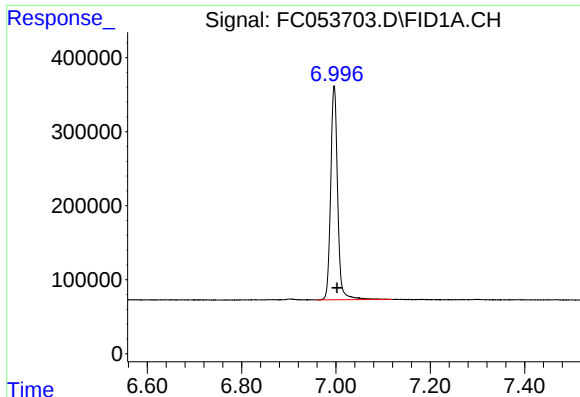
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.006 min
Response: 2917121
Conc: 22.39 ug/ml



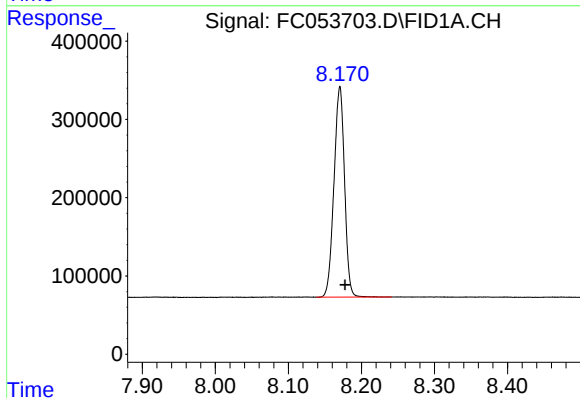
#4 n-Dodecane (C12)

R.T.: 6.372 min
Delta R.T.: -0.008 min
Response: 2710670
Conc: 22.40 ug/ml



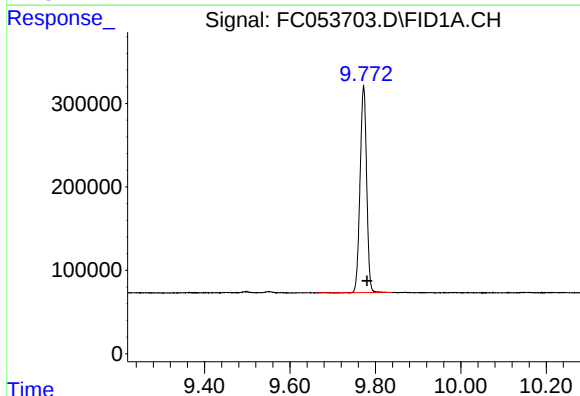
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.996 min
Delta R.T.: -0.007 min
Response: 2970185
Conc: 22.47 ug/ml



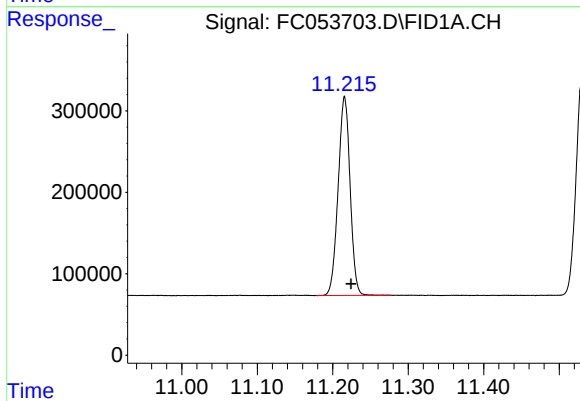
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.007 min
Response: 2707138
Conc: 22.22 ug/ml



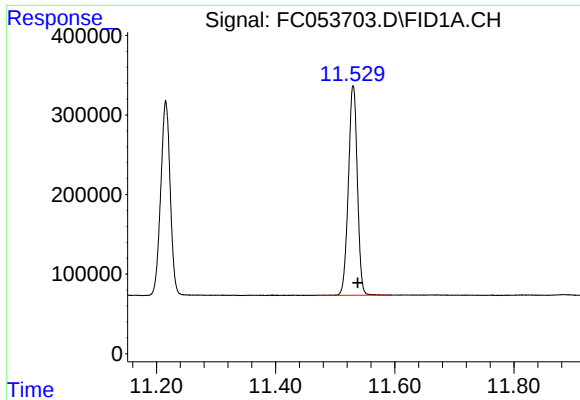
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.008 min
Response: 2645179
Conc: 21.60 ug/ml



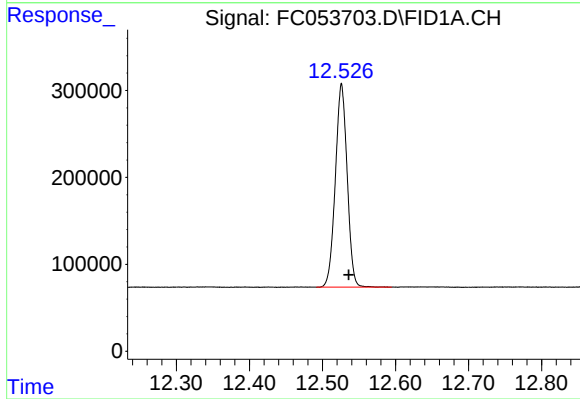
#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: -0.008 min
Response: 2694735
Conc: 20.69 ug/ml



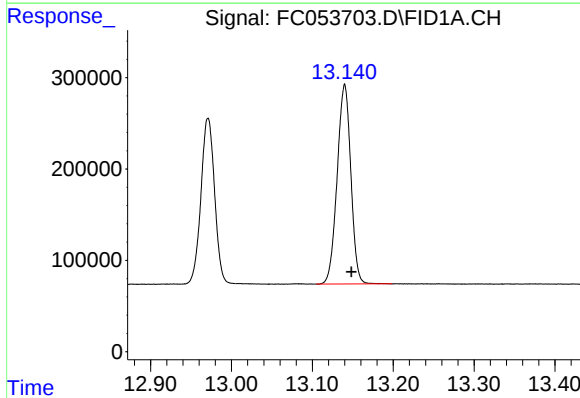
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.008 min
Response: 2754456
Conc: 19.90 ug/ml



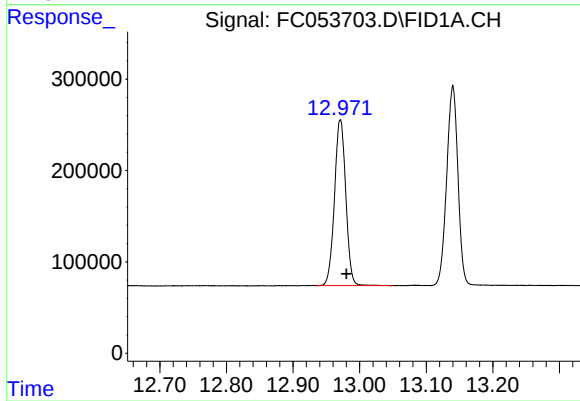
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.010 min
Response: 2626343
Conc: 19.84 ug/ml



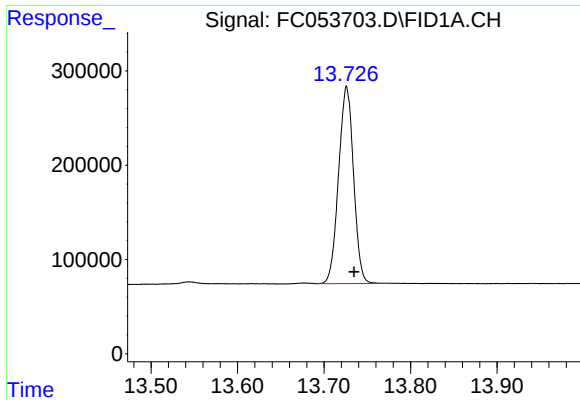
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: -0.009 min
Response: 2567641
Conc: 19.33 ug/ml



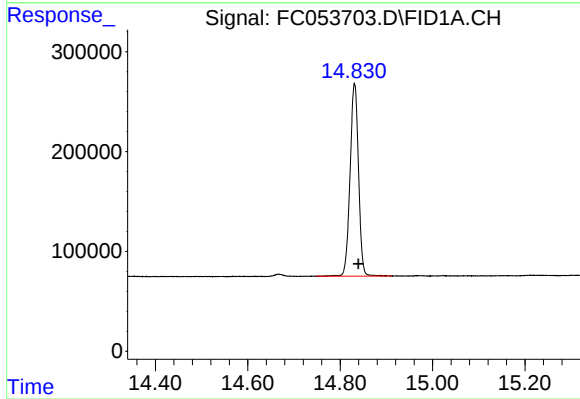
#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: -0.009 min
Response: 2141285
Conc: 19.20 ug/ml



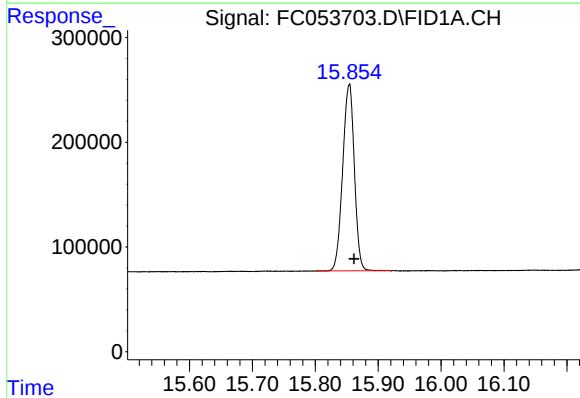
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.009 min
Response: 2515029
Conc: 18.91 ug/ml



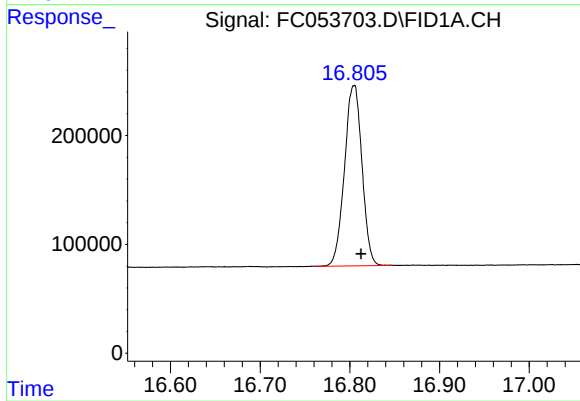
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.008 min
Response: 2446959
Conc: 18.33 ug/ml



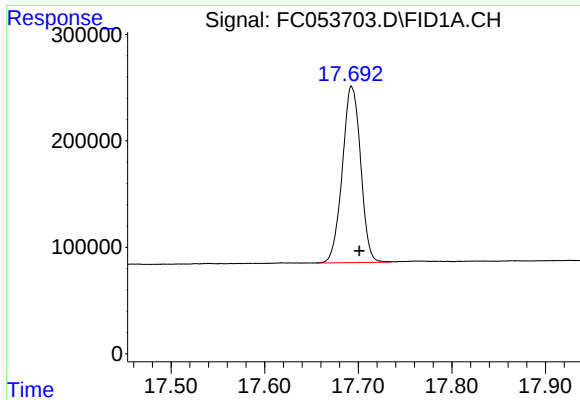
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: -0.008 min
Response: 2303396
Conc: 17.42 ug/ml



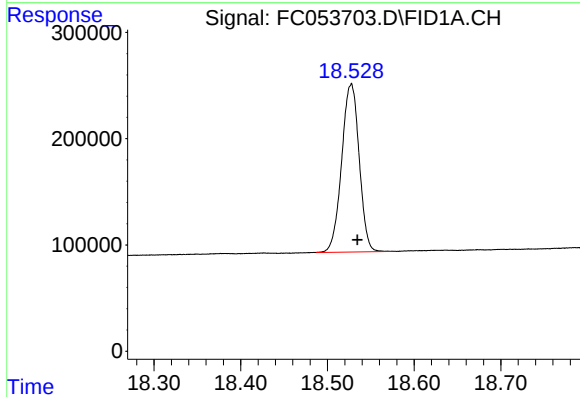
#16 n-Octacosane (C28)

R.T.: 16.805 min
Delta R.T.: -0.007 min
Response: 2245055
Conc: 17.15 ug/ml m



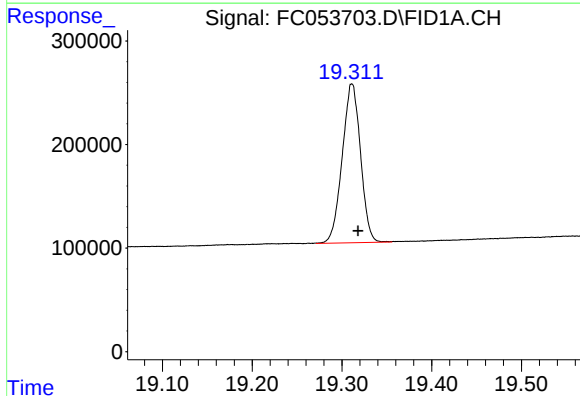
#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: -0.009 min
Response: 2254028
Conc: 17.28 ug/ml m



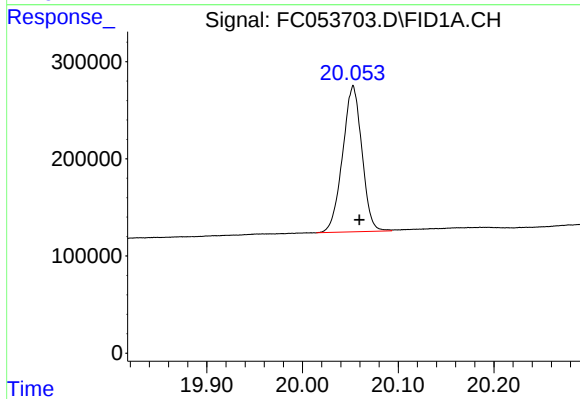
#18 n-Dotriacontane (C32)

R.T.: 18.528 min
Delta R.T.: -0.007 min
Response: 2219423
Conc: 17.59 ug/ml m



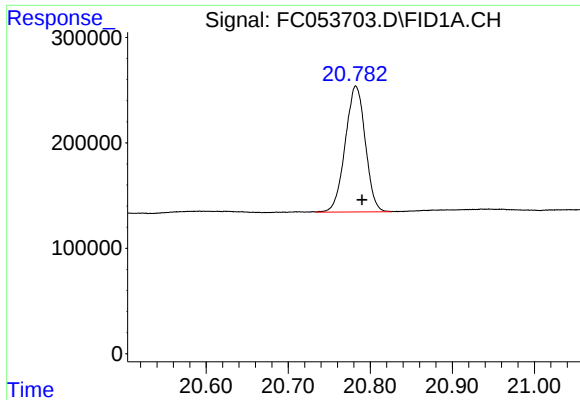
#19 n-Tetratriacontane (C34)

R.T.: 19.311 min
Delta R.T.: -0.007 min
Response: 2173413
Conc: 17.84 ug/ml m



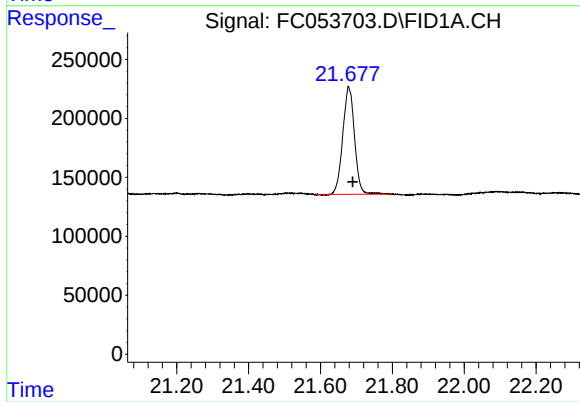
#20 n-Hexatriacontane (C36)

R.T.: 20.053 min
Delta R.T.: -0.007 min
Response: 2112485
Conc: 18.07 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.008 min
Response: 2025322
Conc: 19.69 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.679 min
Delta R.T.: -0.011 min
Response: 2068509
Conc: 20.76 ug/ml