

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051421AL\
 Data File : FC053739.D
 Signal(s) : FID1A.CH
 Acq On : 15 May 2021 1:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 15 04:56:30 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)	11.524	2679597	19.354 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
12) S 1-chlorooctadecane (S...	12.965	2114934	18.962 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
Target Compounds			
1) T n-Nonane (C9)	3.285	2418151	20.473 ug/ml
2) T n-Decane (C10)	4.348	2496853	21.085 ug/ml
3) T A~Naphthalene (C11.7)	5.931	2749933	21.105 ug/ml
4) T n-Dodecane (C12)	6.367	2562148	21.174 ug/ml
5) T A~2-methylnaphthalene...	6.989	2795653	21.145 ug/ml
6) T n-Tetradecane (C14)	8.164	2578286	21.165 ug/ml
7) T n-Hexadecane (C16)	9.766	2545436	20.783 ug/ml
8) T n-Octadecane (C18)	11.210	2619563	20.114 ug/ml
10) T n-Eicosane (C20)	12.521	2575980	19.462 ug/ml
11) T n-Heneicosane (C21)	13.133	2536117	19.096 ug/ml
13) T n-Docosane (C22)	13.720	2492687	18.740 ug/ml
14) T n-Tetracosane (C24)	14.824	2405992	18.024 ug/ml
15) T n-Hexacosane (C26)	15.845	2257593	17.076 ug/ml
16) T n-Octacosane (C28)	16.797	2191867	16.744 ug/ml
17) T n-Tricontane (C30)	17.686	2173414	16.663 ug/ml
18) T n-Dotriacontane (C32)	18.520	2143517	16.988 ug/ml
19) T n-Tetratriacontane (C34)	19.304	2075835	17.037 ug/ml
20) T n-Hexatriacontane (C36)	20.044	1978862	16.925 ug/ml
21) T n-Octatriacontane (C38)	20.774	1891423	18.386 ug/ml
22) T n-Tetracontane (C40)	21.667	1941071	19.480 ug/ml

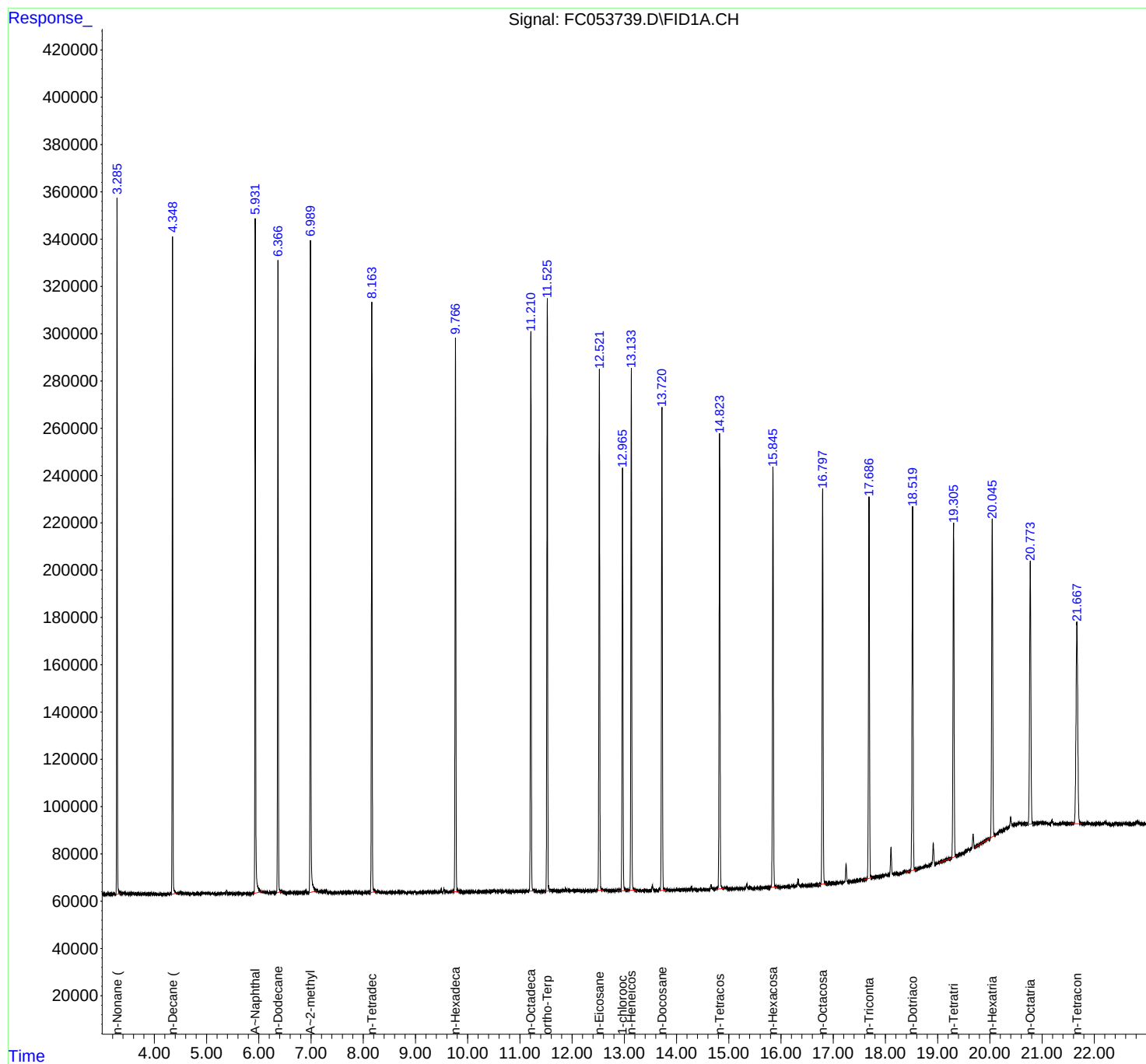
(f)=RT Delta > 1/2 Window

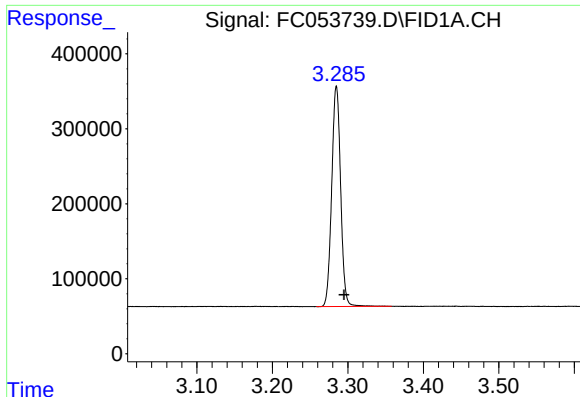
(m)=manual int.

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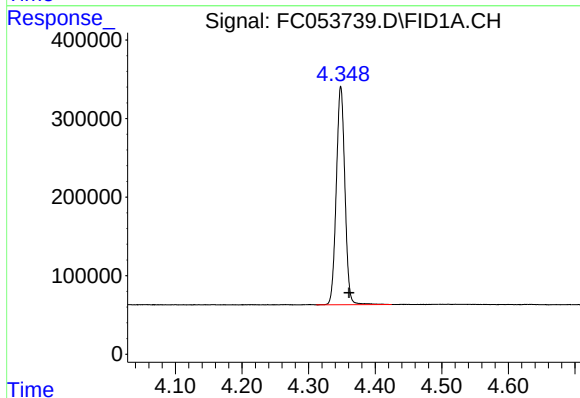
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Signal Info : 20M x 0.18mm x 0.18um





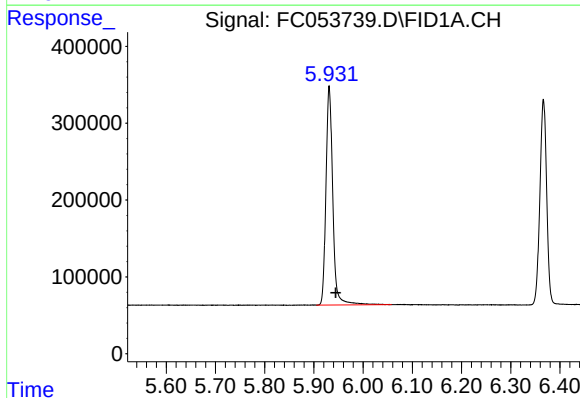
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.010 min
Response: 2418151
Conc: 20.47 ug/ml



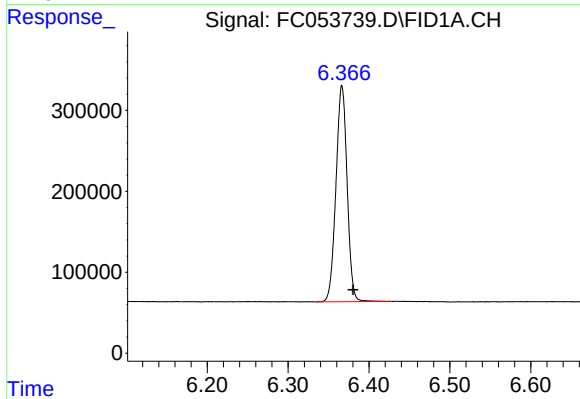
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.012 min
Response: 2496853
Conc: 21.09 ug/ml



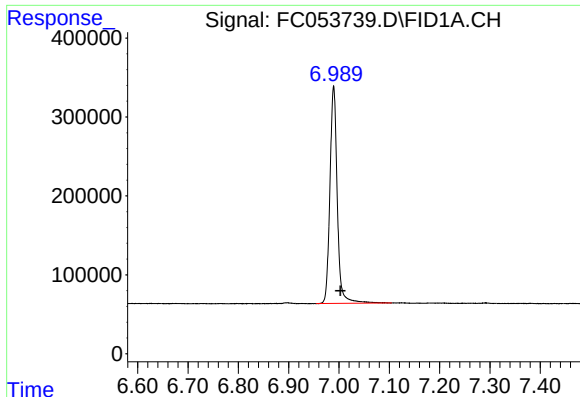
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.013 min
Response: 2749933
Conc: 21.10 ug/ml



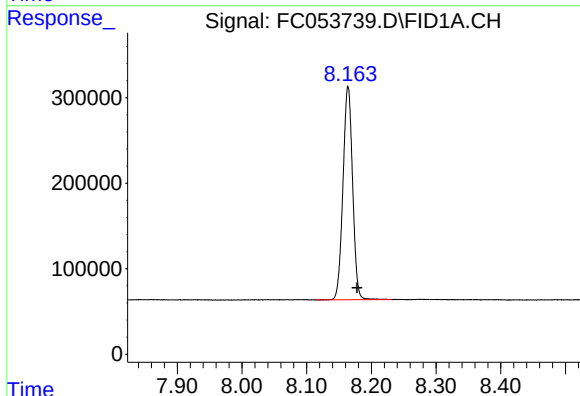
#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: -0.014 min
Response: 2562148
Conc: 21.17 ug/ml



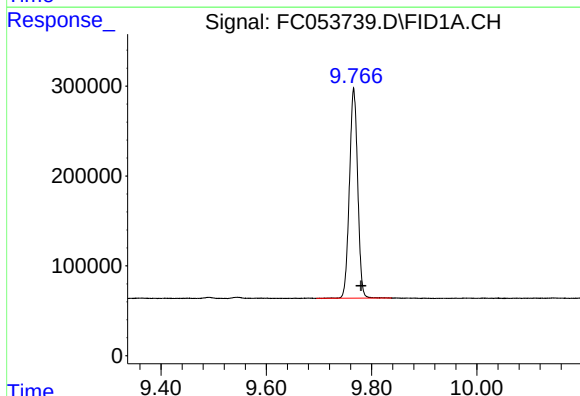
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: -0.013 min
Response: 2795653
Conc: 21.15 ug/ml



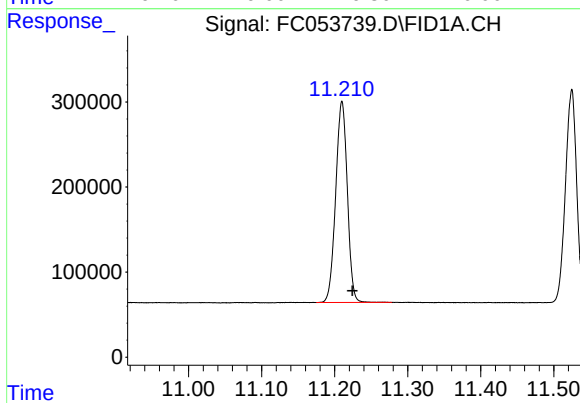
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.014 min
Response: 2578286
Conc: 21.17 ug/ml



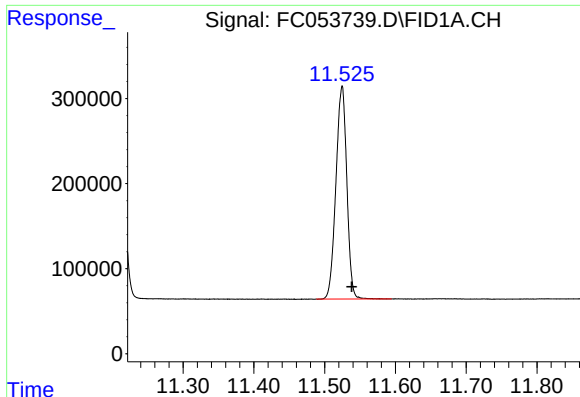
#7 n-Hexadecane (C16)

R.T.: 9.766 min
Delta R.T.: -0.014 min
Response: 2545436
Conc: 20.78 ug/ml



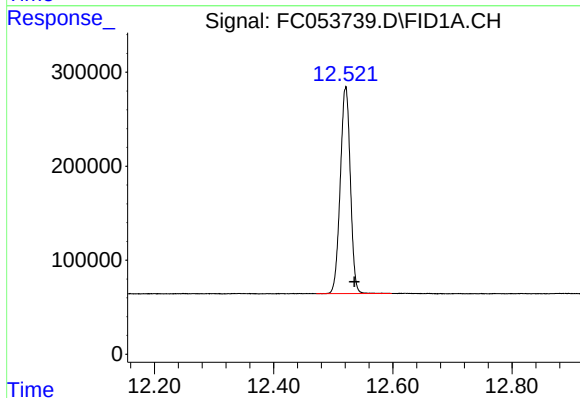
#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.014 min
Response: 2619563
Conc: 20.11 ug/ml



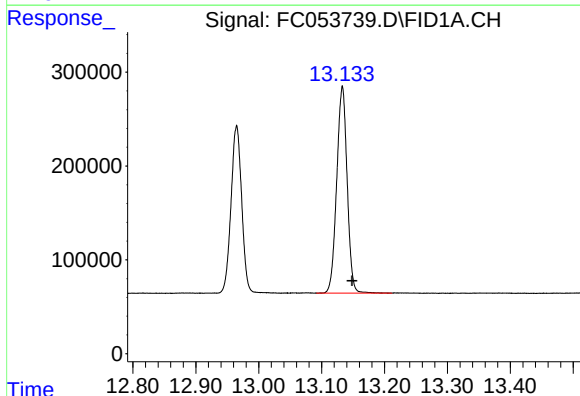
#9 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.014 min
Response: 2679597
Conc: 19.35 ug/ml



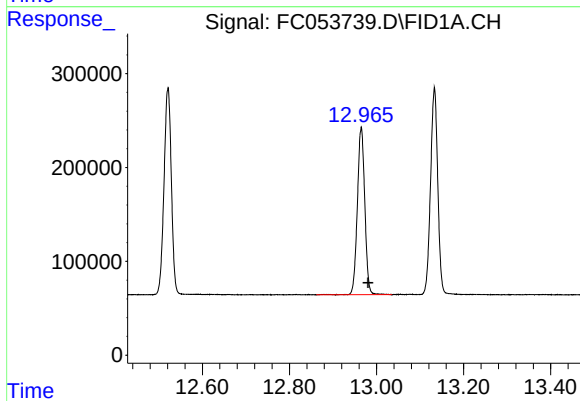
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.015 min
Response: 2575980
Conc: 19.46 ug/ml



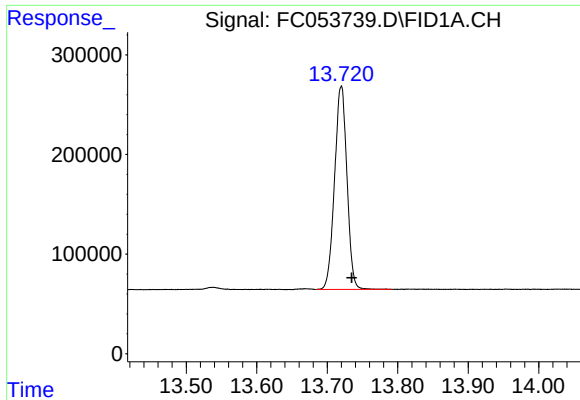
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.015 min
Response: 2536117
Conc: 19.10 ug/ml



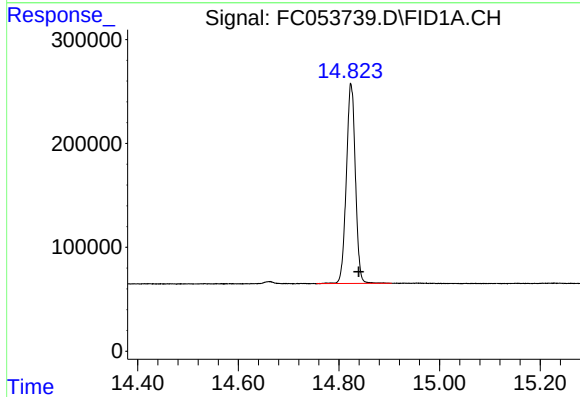
#12 1-chlorooctadecane (SURR)

R.T.: 12.965 min
Delta R.T.: -0.016 min
Response: 2114934
Conc: 18.96 ug/ml



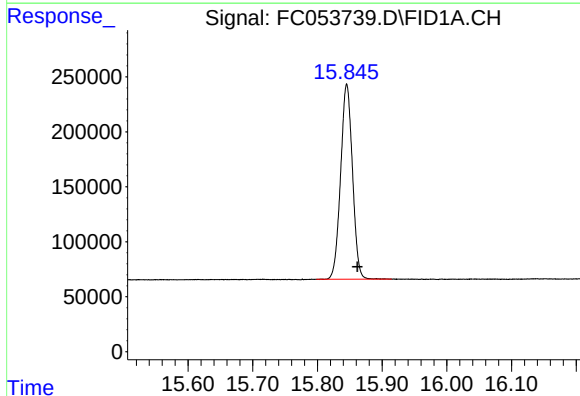
#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: -0.015 min
Response: 2492687
Conc: 18.74 ug/ml



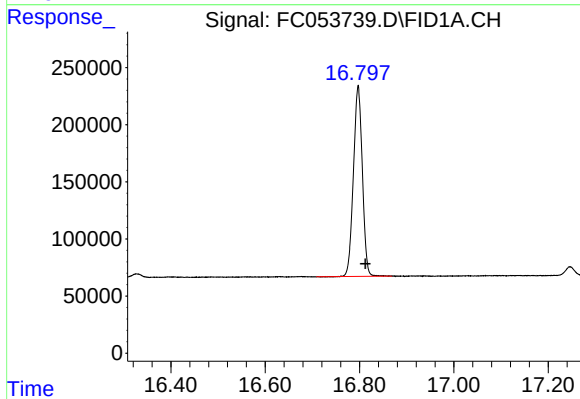
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: -0.015 min
Response: 2405992
Conc: 18.02 ug/ml



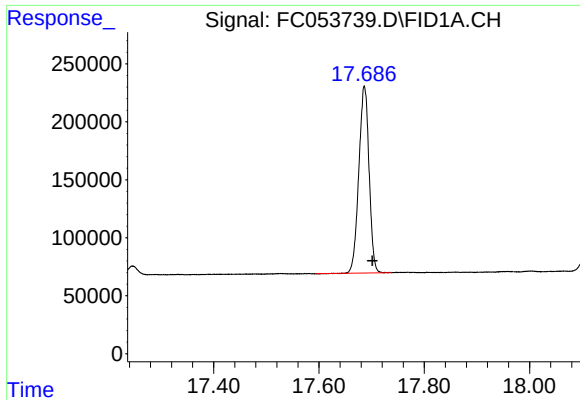
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: -0.016 min
Response: 2257593
Conc: 17.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.797 min
Delta R.T.: -0.015 min
Response: 2191867
Conc: 16.74 ug/ml



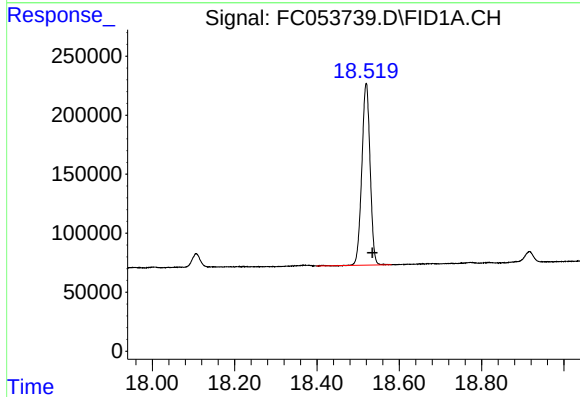
#17 n-Tricontane (C30)

R.T.: 17.686 min

Delta R.T.: -0.015 min

Response: 2173414

Conc: 16.66 ug/ml



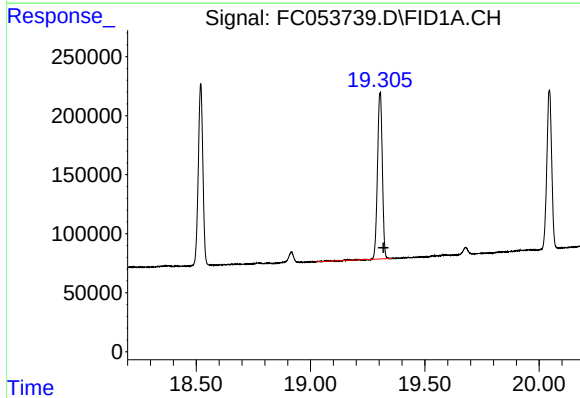
#18 n-Dotriacontane (C32)

R.T.: 18.520 min

Delta R.T.: -0.015 min

Response: 2143517

Conc: 16.99 ug/ml



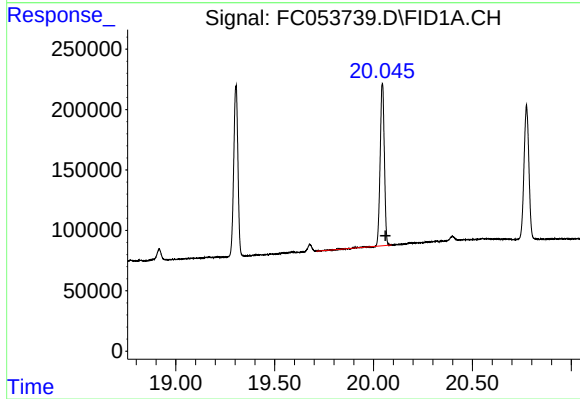
#19 n-Tetratriacontane (C34)

R.T.: 19.304 min

Delta R.T.: -0.014 min

Response: 2075835

Conc: 17.04 ug/ml



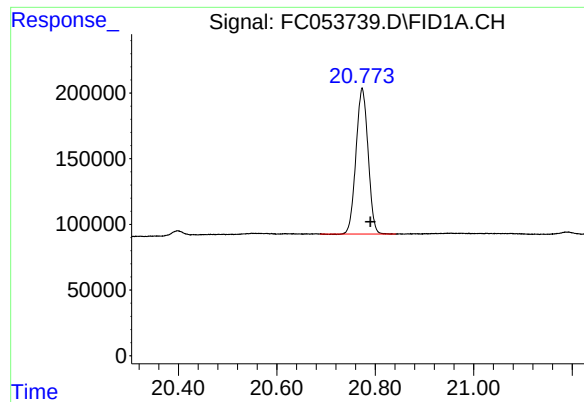
#20 n-Hexatriacontane (C36)

R.T.: 20.044 min

Delta R.T.: -0.015 min

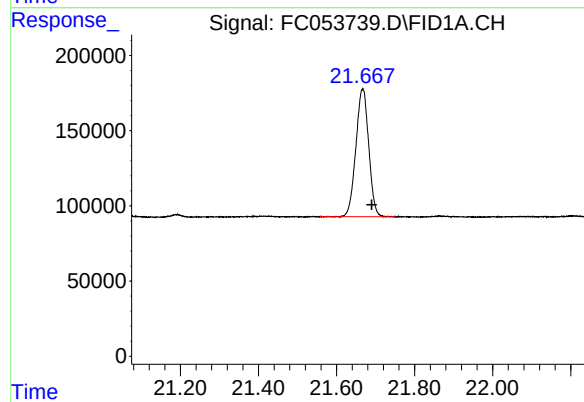
Response: 1978862

Conc: 16.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.774 min
Delta R.T.: -0.017 min
Response: 1891423
Conc: 18.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.667 min
Delta R.T.: -0.023 min
Response: 1941071
Conc: 19.48 ug/ml