

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052621AL\
 Data File : FC053939.D
 Signal(s) : FID1A.CH
 Acq On : 26 May 2021 9:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 27 01:02:25 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)	11.522	2477920	17.898 ug/ml
Spiked Amount 50.000		Recovery =	35.80%
12) S 1-chlorooctadecane (S...	12.962	1929771	17.302 ug/ml
Spiked Amount 50.000		Recovery =	34.60%
Target Compounds			
1) T n-Nonane (C9)	3.285	2403623	20.350 ug/ml
2) T n-Decane (C10)	4.349	2442922	20.630 ug/ml
3) T A~Naphthalene (C11.7)	5.932	2654646	20.373 ug/ml
4) T n-Dodecane (C12)	6.366	2508929	20.734 ug/ml
5) T A~2-methylnaphthalene...	6.990	2675040	20.233 ug/ml
6) T n-Tetradecane (C14)	8.163	2491213	20.450 ug/ml
7) T n-Hexadecane (C16)	9.765	2440454	19.926 ug/ml
8) T n-Octadecane (C18)	11.208	2486275	19.091 ug/ml
10) T n-Eicosane (C20)	12.518	2411981	18.223 ug/ml
11) T n-Heneicosane (C21)	13.131	2346824	17.671 ug/ml
13) T n-Docosane (C22)	13.718	2314770	17.403 ug/ml
14) T n-Tetracosane (C24)	14.821	2242574	16.800 ug/ml
15) T n-Hexacosane (C26)	15.843	2139463	16.182 ug/ml
16) T n-Octacosane (C28)	16.794	2116957	16.172 ug/ml
17) T n-Tricontane (C30)	17.683	2116030	16.223 ug/ml
18) T n-Dotriacontane (C32)	18.517	2092035	16.580 ug/ml
19) T n-Tetratriacontane (C34)	19.300	2006660	16.470 ug/ml
20) T n-Hexatriacontane (C36)	20.041	1945977	16.644 ug/ml
21) T n-Octatriacontane (C38)	20.769	1894311	18.414 ug/ml
22) T n-Tetracontane (C40)	21.663	1950222	19.572 ug/ml

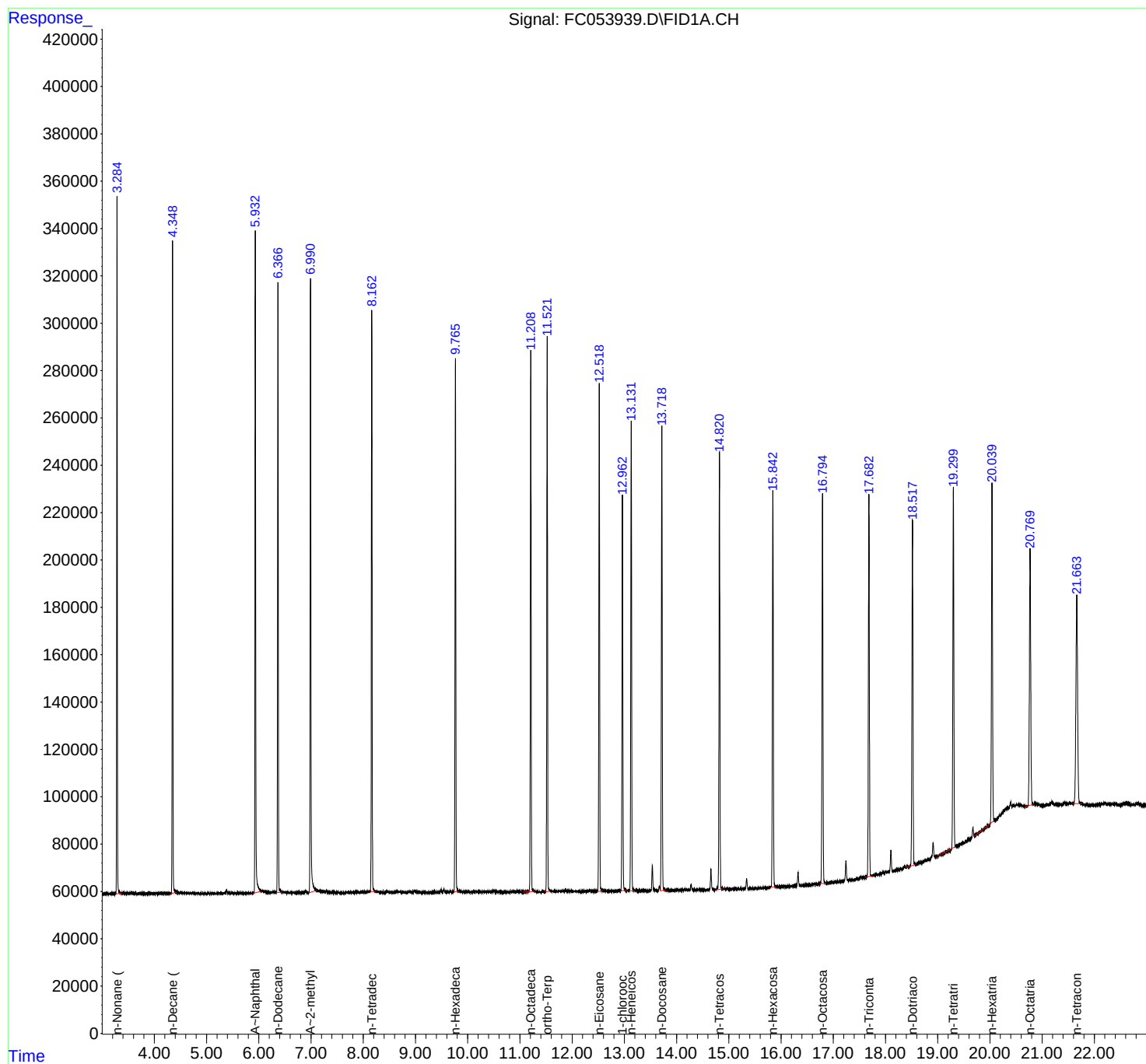
(f)=RT Delta > 1/2 Window

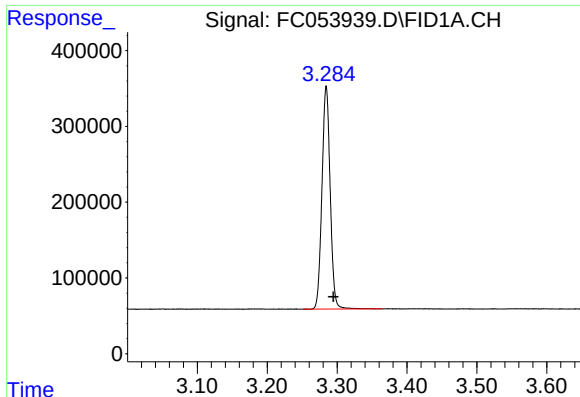
(m)=manual int.

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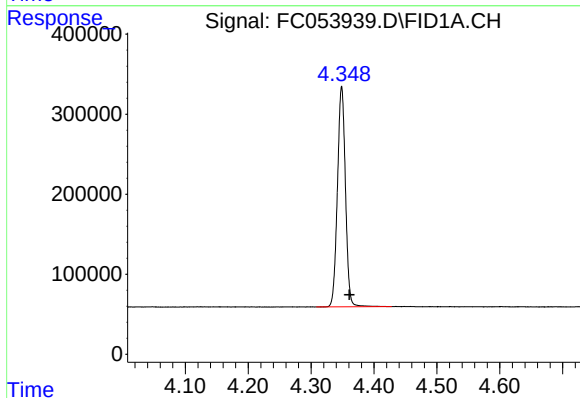
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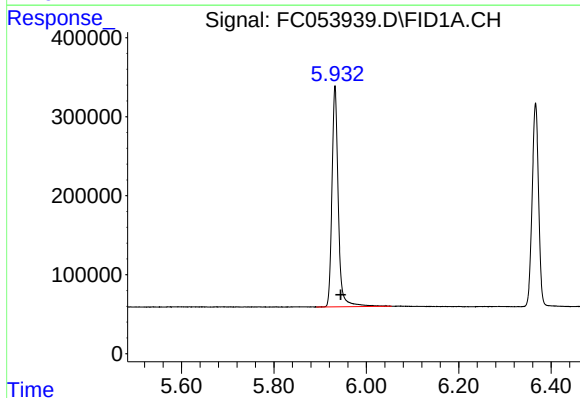
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.010 min
Response: 2403623
Conc: 20.35 ug/ml



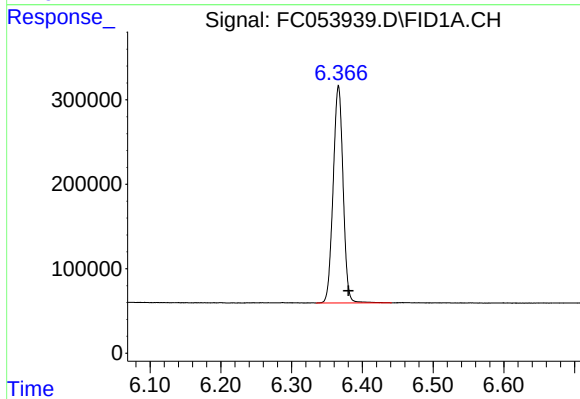
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: -0.012 min
Response: 2442922
Conc: 20.63 ug/ml



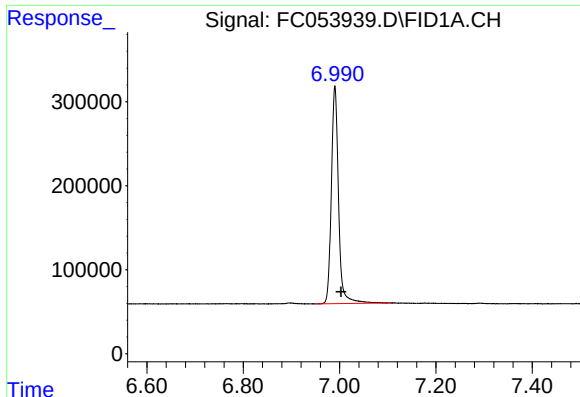
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.012 min
Response: 2654646
Conc: 20.37 ug/ml



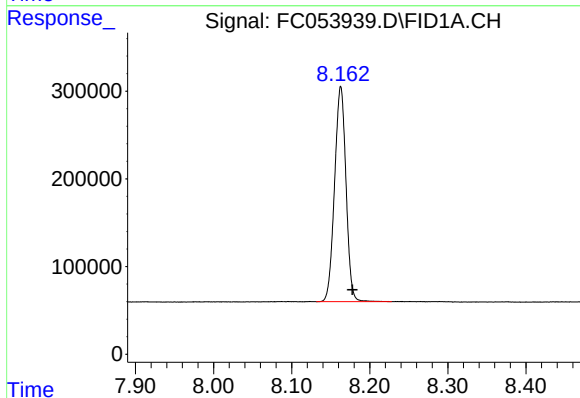
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: -0.014 min
Response: 2508929
Conc: 20.73 ug/ml



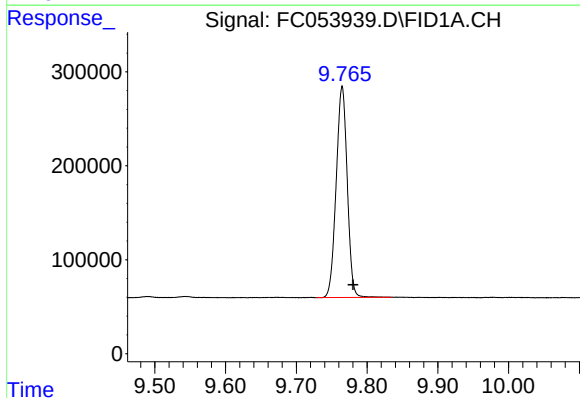
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.990 min
Delta R.T.: -0.013 min
Response: 2675040
Conc: 20.23 ug/ml



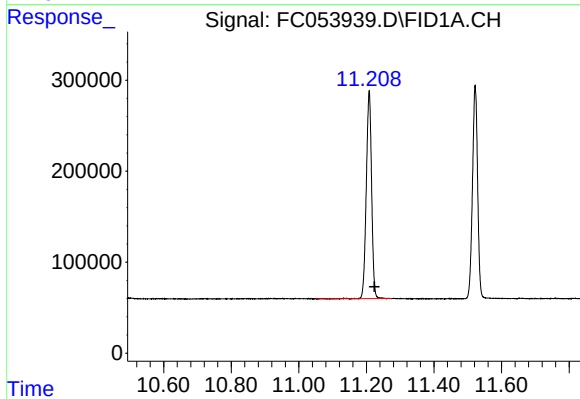
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: -0.015 min
Response: 2491213
Conc: 20.45 ug/ml



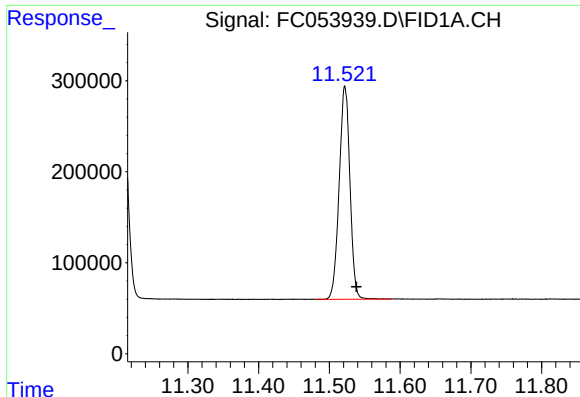
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.016 min
Response: 2440454
Conc: 19.93 ug/ml



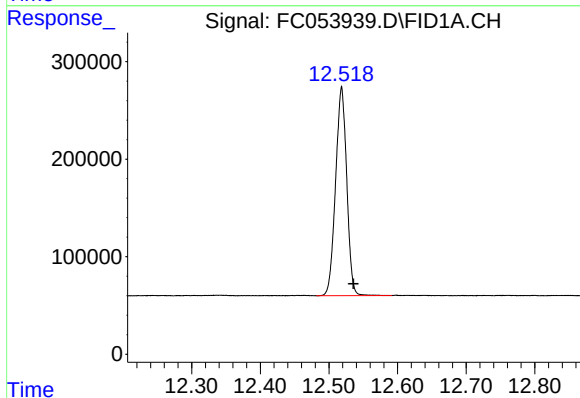
#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.016 min
Response: 2486275
Conc: 19.09 ug/ml



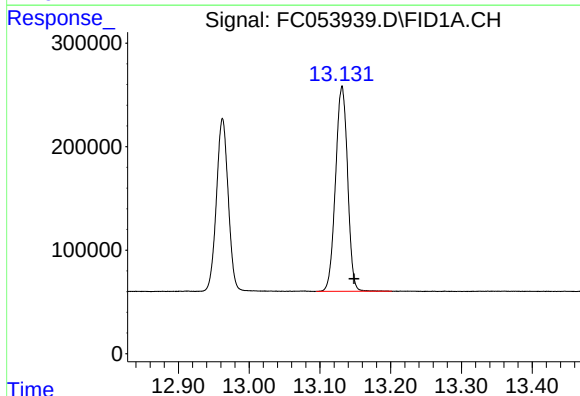
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.016 min
Response: 2477920
Conc: 17.90 ug/ml



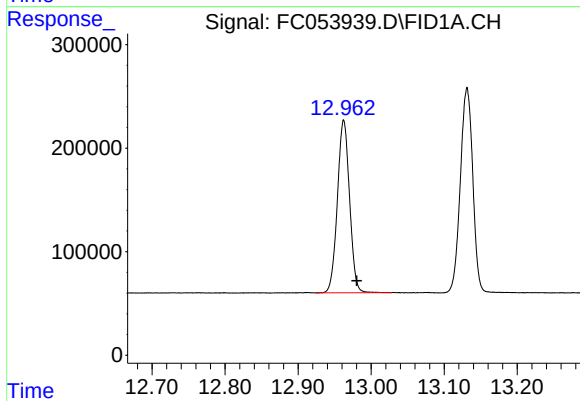
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: -0.017 min
Response: 2411981
Conc: 18.22 ug/ml



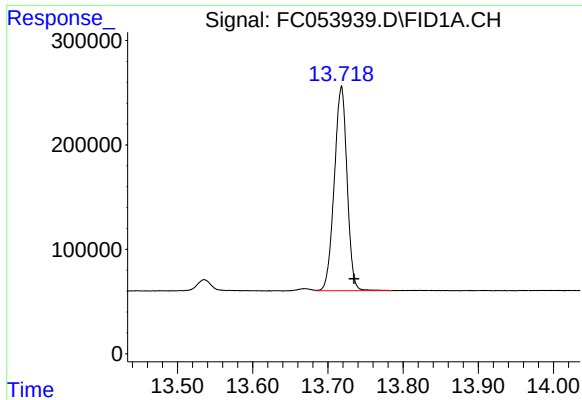
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.017 min
Response: 2346824
Conc: 17.67 ug/ml



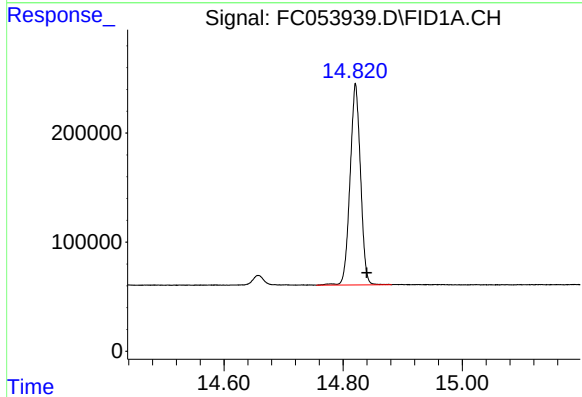
#12 1-chlorooctadecane (SURR)

R.T.: 12.962 min
Delta R.T.: -0.018 min
Response: 1929771
Conc: 17.30 ug/ml



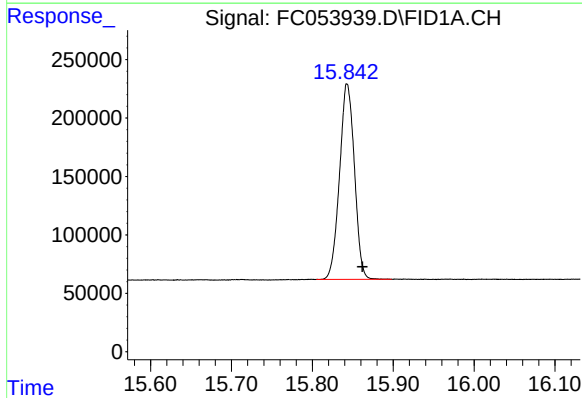
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.017 min
Response: 2314770
Conc: 17.40 ug/ml



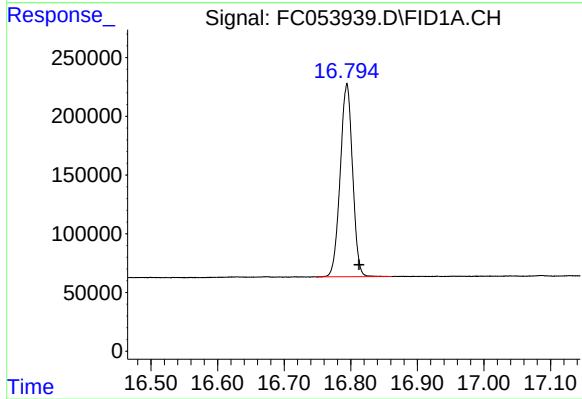
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.019 min
Response: 2242574
Conc: 16.80 ug/ml



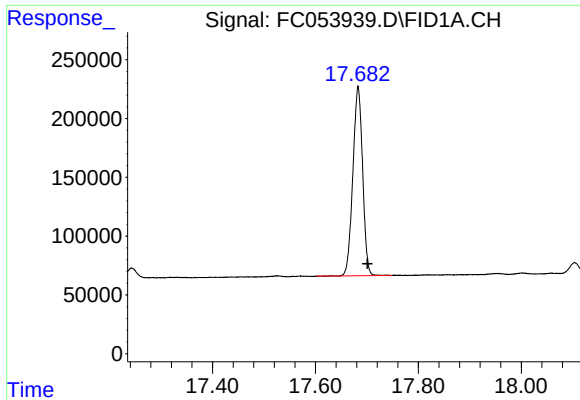
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: -0.019 min
Response: 2139463
Conc: 16.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.794 min
Delta R.T.: -0.018 min
Response: 2116957
Conc: 16.17 ug/ml



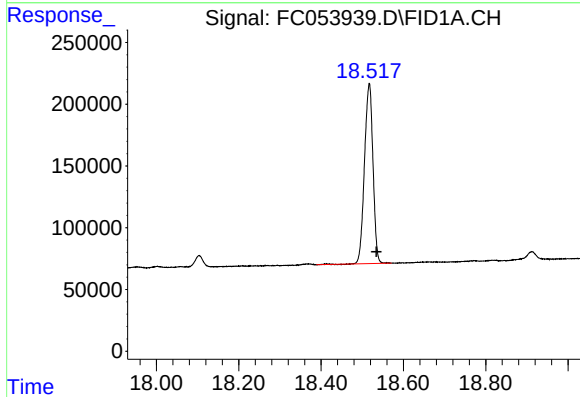
#17 n-Tricontane (C30)

R.T.: 17.683 min

Delta R.T.: -0.018 min

Response: 2116030

Conc: 16.22 ug/ml



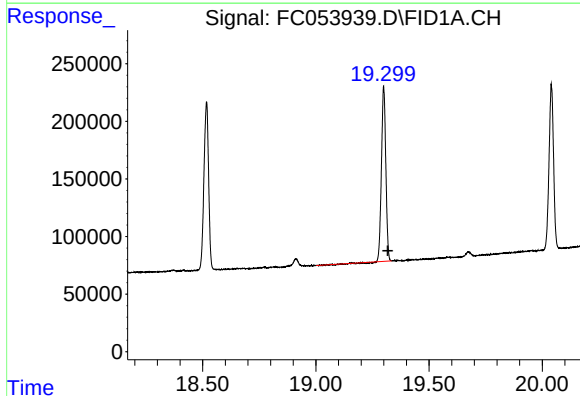
#18 n-Dotriacontane (C32)

R.T.: 18.517 min

Delta R.T.: -0.018 min

Response: 2092035

Conc: 16.58 ug/ml



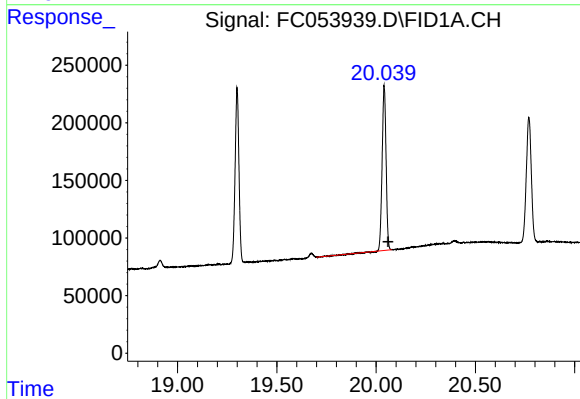
#19 n-Tetratriacontane (C34)

R.T.: 19.300 min

Delta R.T.: -0.018 min

Response: 2006660

Conc: 16.47 ug/ml



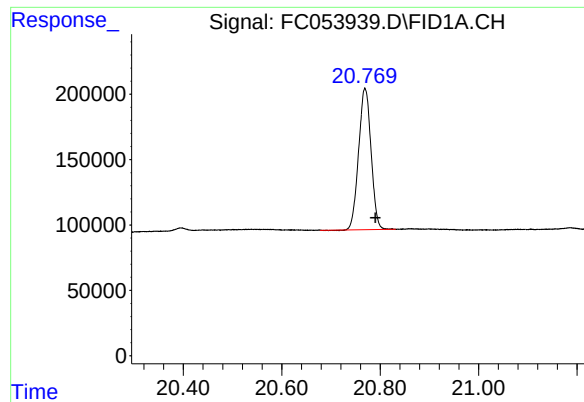
#20 n-Hexatriacontane (C36)

R.T.: 20.041 min

Delta R.T.: -0.019 min

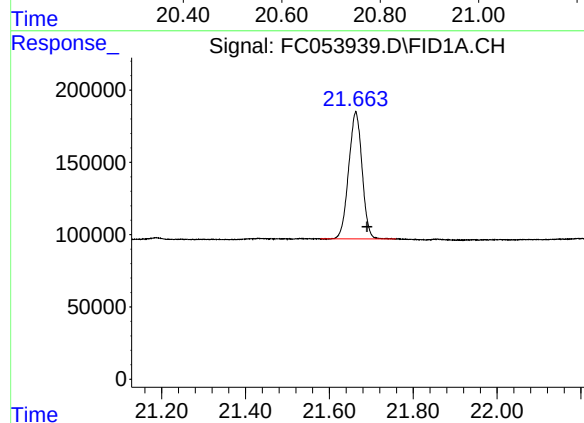
Response: 1945977

Conc: 16.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.769 min
Delta R.T.: -0.021 min
Response: 1894311
Conc: 18.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.663 min
Delta R.T.: -0.027 min
Response: 1950222
Conc: 19.57 ug/ml