

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051421AL\
 Data File : FC053718.D
 Signal(s) : FID1A.CH
 Acq On : 14 May 2021 11:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 15 00:30:36 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)	11.525	2583164	18.658 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
12) S 1-chlorooctadecane (S...	12.966	2011684	18.037 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
Target Compounds			
1) T n-Nonane (C9)	3.286	2402012	20.337 ug/ml
2) T n-Decane (C10)	4.350	2472214	20.877 ug/ml
3) T A~Naphthalene (C11.7)	5.933	2711539	20.810 ug/ml
4) T n-Dodecane (C12)	6.368	2527067	20.884 ug/ml
5) T A~2-methylnaphthalene...	6.991	2769376	20.947 ug/ml
6) T n-Tetradecane (C14)	8.165	2527135	20.745 ug/ml
7) T n-Hexadecane (C16)	9.768	2479483	20.244 ug/ml
8) T n-Octadecane (C18)	11.211	2526488	19.400 ug/ml
10) T n-Eicosane (C20)	12.521	2467670	18.643 ug/ml
11) T n-Heneicosane (C21)	13.135	2418584	18.211 ug/ml
13) T n-Docosane (C22)	13.722	2376739	17.868 ug/ml
14) T n-Tetracosane (C24)	14.825	2286645	17.130 ug/ml
15) T n-Hexacosane (C26)	15.847	2159573	16.334 ug/ml
16) T n-Octacosane (C28)	16.798	2114976	16.157 ug/ml
17) T n-Tricontane (C30)	17.687	2100440	16.104 ug/ml
18) T n-Dotriacontane (C32)	18.521	2080616	16.489 ug/ml
19) T n-Tetratriacontane (C34)	19.306	2013492	16.526 ug/ml
20) T n-Hexatriacontane (C36)	20.045	1968653	16.838 ug/ml
21) T n-Octatriacontane (C38)	20.774	1883638	18.310 ug/ml
22) T n-Tetracontane (C40)	21.669	1929468	19.363 ug/ml

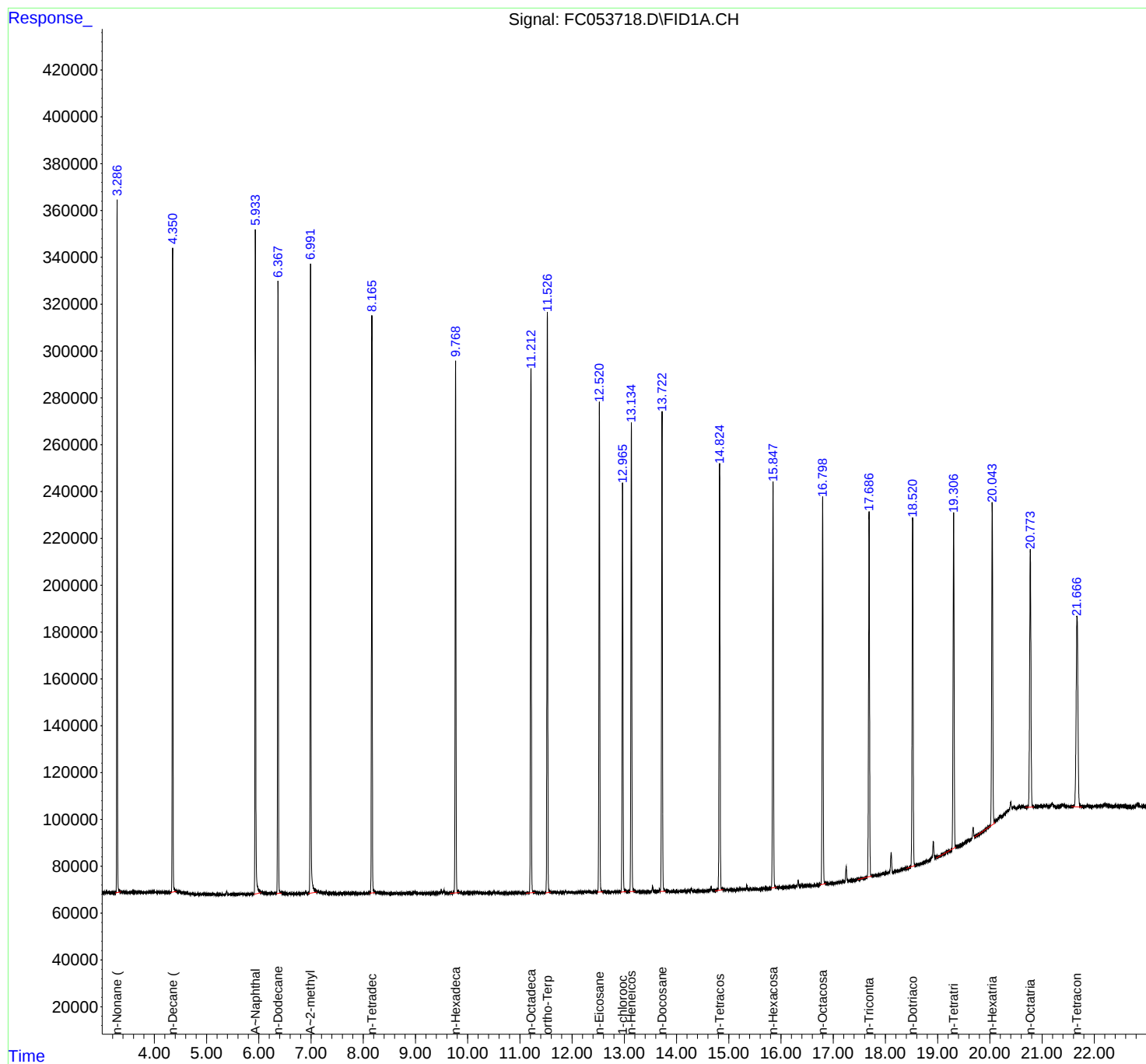
(f)=RT Delta > 1/2 Window

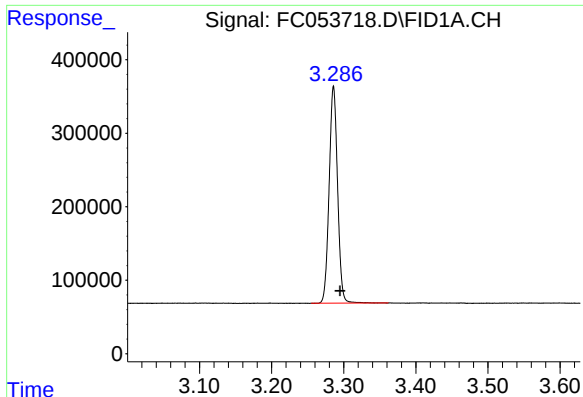
(m)=manual int.

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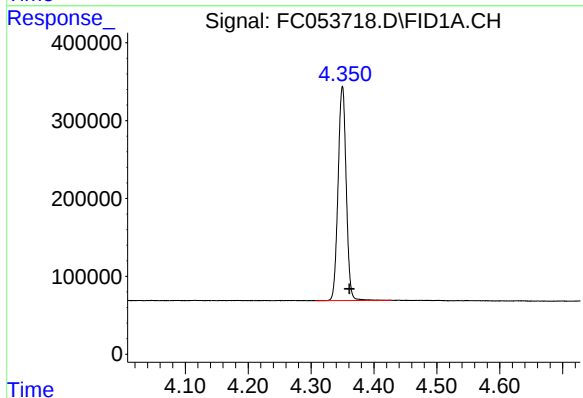
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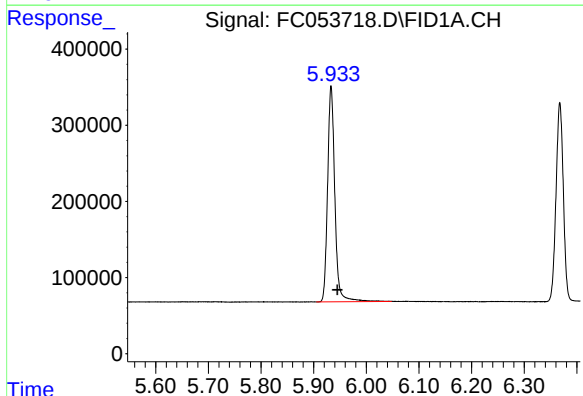
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.009 min
Response: 2402012
Conc: 20.34 ug/ml



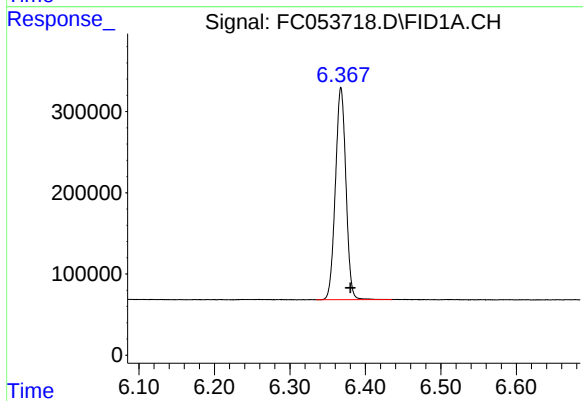
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.011 min
Response: 2472214
Conc: 20.88 ug/ml



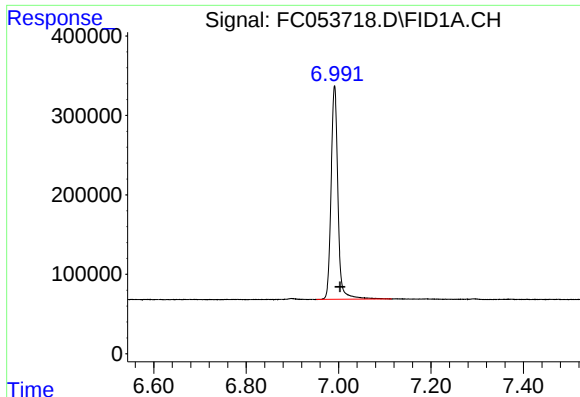
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.011 min
Response: 2711539
Conc: 20.81 ug/ml



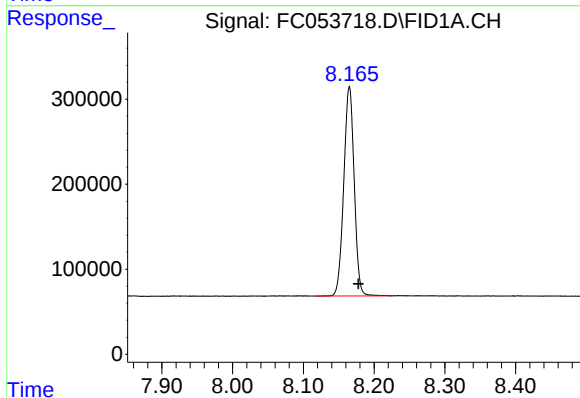
#4 n-Dodecane (C12)

R.T.: 6.368 min
Delta R.T.: -0.013 min
Response: 2527067
Conc: 20.88 ug/ml



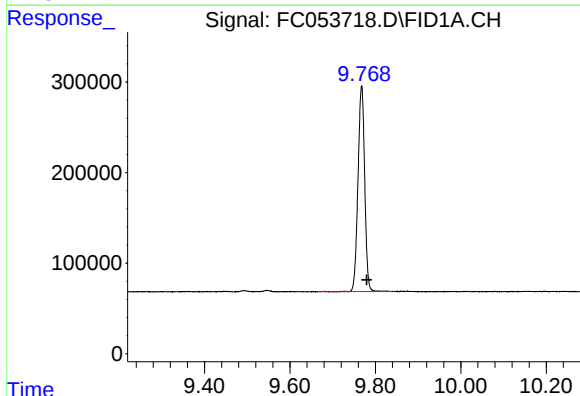
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.012 min
Response: 2769376
Conc: 20.95 ug/ml



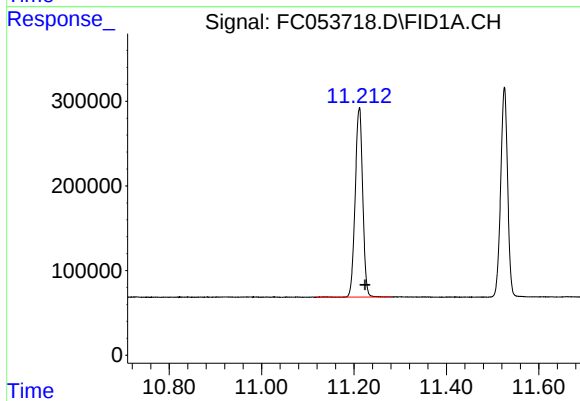
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.013 min
Response: 2527135
Conc: 20.75 ug/ml



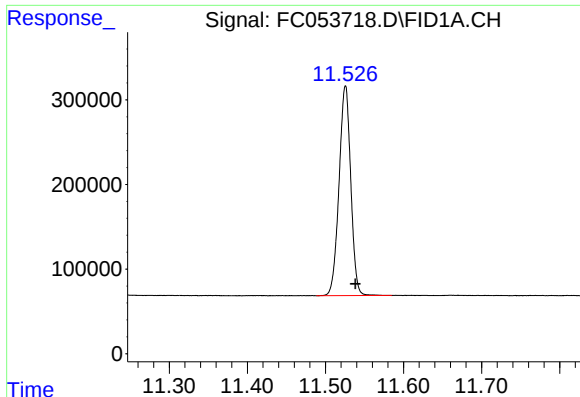
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: -0.012 min
Response: 2479483
Conc: 20.24 ug/ml



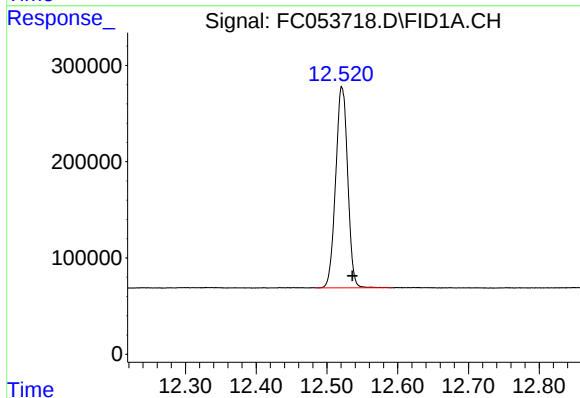
#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: -0.013 min
Response: 2526488
Conc: 19.40 ug/ml



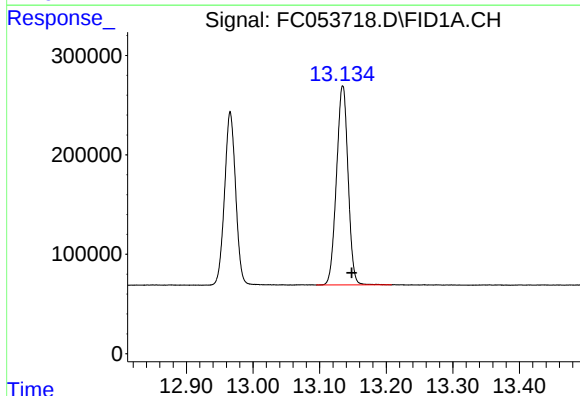
#9 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: -0.013 min
Response: 2583164
Conc: 18.66 ug/ml



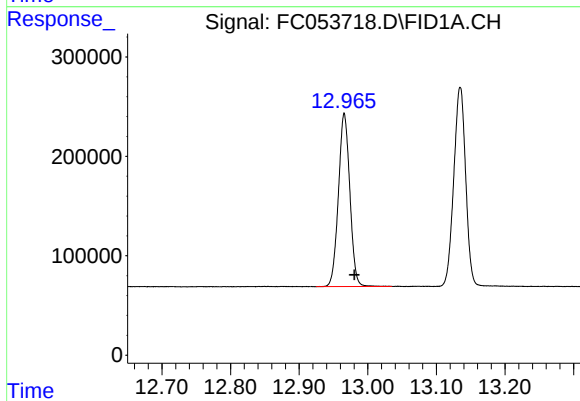
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.014 min
Response: 2467670
Conc: 18.64 ug/ml



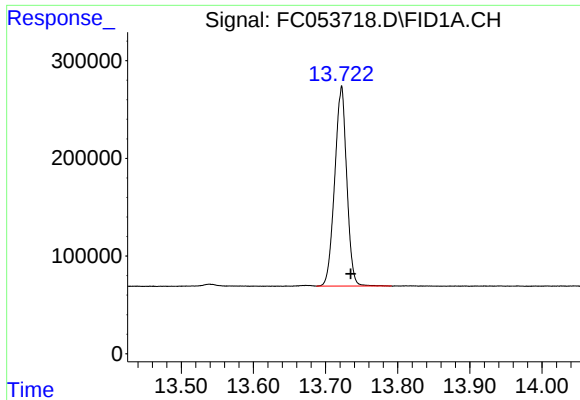
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.014 min
Response: 2418584
Conc: 18.21 ug/ml



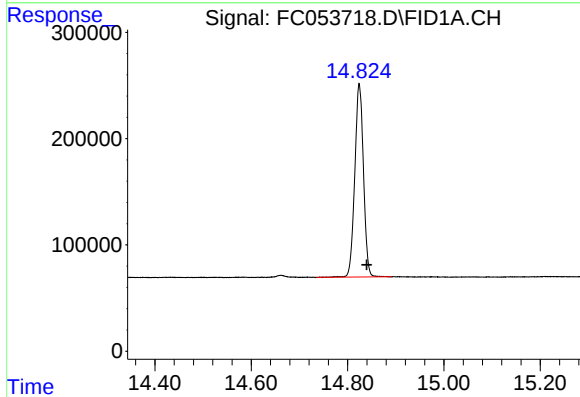
#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.015 min
Response: 2011684
Conc: 18.04 ug/ml



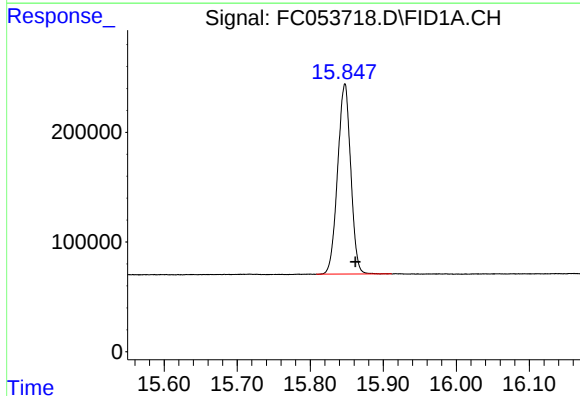
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: -0.013 min
Response: 2376739
Conc: 17.87 ug/ml



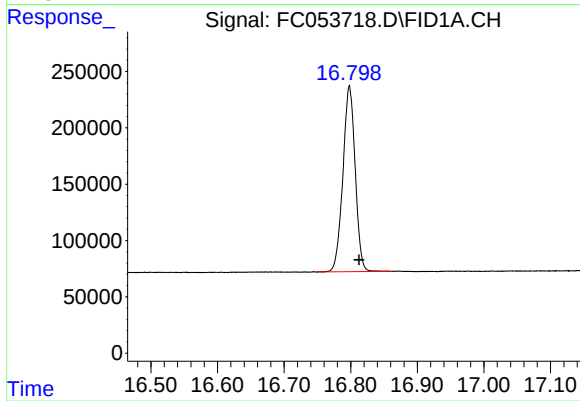
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: -0.015 min
Response: 2286645
Conc: 17.13 ug/ml



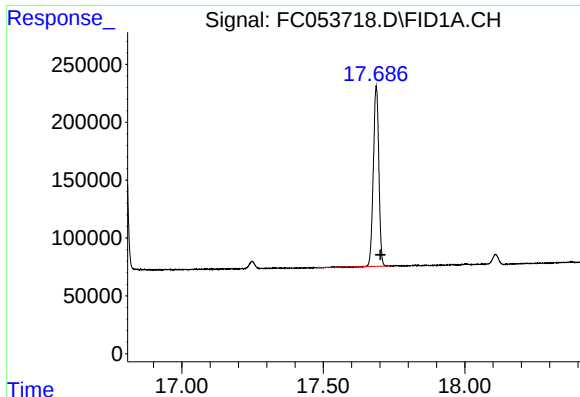
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: -0.015 min
Response: 2159573
Conc: 16.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.014 min
Response: 2114976
Conc: 16.16 ug/ml



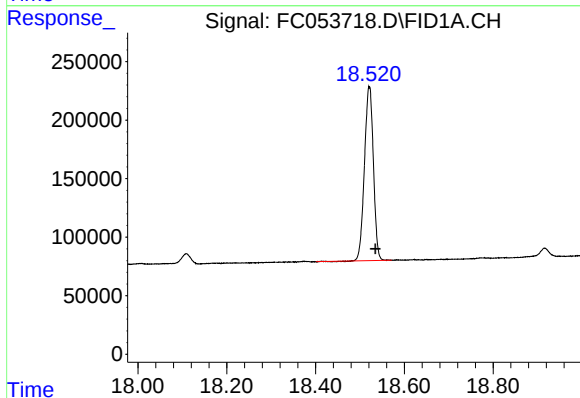
#17 n-Tricontane (C30)

R.T.: 17.687 min

Delta R.T.: -0.014 min

Response: 2100440

Conc: 16.10 ug/ml



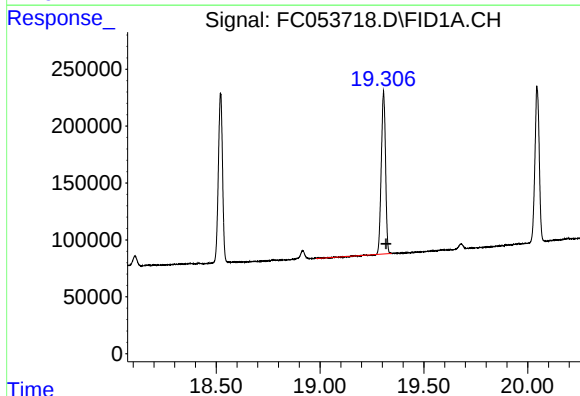
#18 n-Dotriacontane (C32)

R.T.: 18.521 min

Delta R.T.: -0.014 min

Response: 2080616

Conc: 16.49 ug/ml



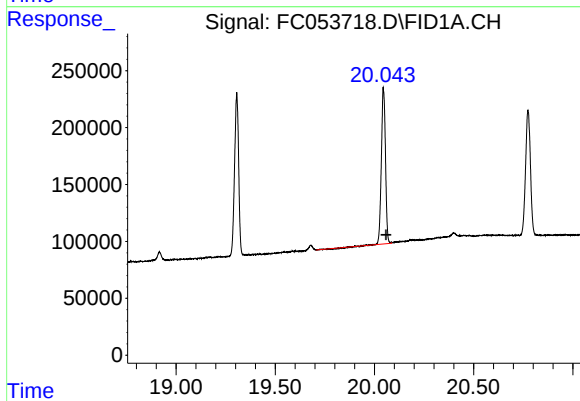
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min

Delta R.T.: -0.012 min

Response: 2013492

Conc: 16.53 ug/ml



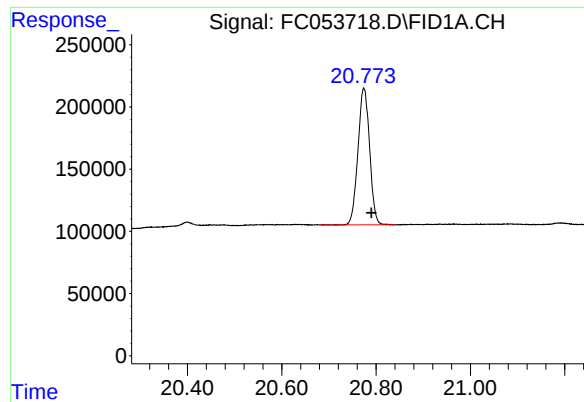
#20 n-Hexatriacontane (C36)

R.T.: 20.045 min

Delta R.T.: -0.014 min

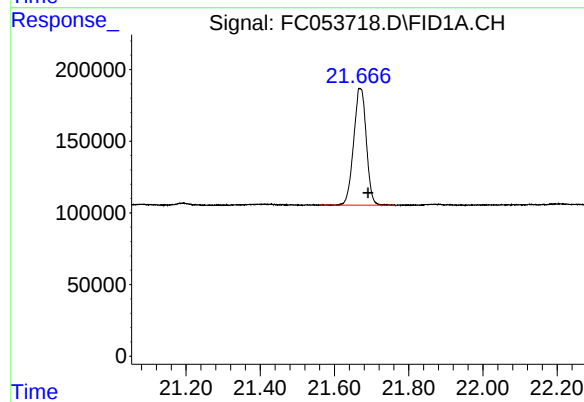
Response: 1968653

Conc: 16.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.774 min
Delta R.T.: -0.016 min
Response: 1883638
Conc: 18.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.669 min
Delta R.T.: -0.021 min
Response: 1929468
Conc: 19.36 ug/ml