

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051821AL\
 Data File : FC053809.D
 Signal(s) : FID1A.CH
 Acq On : 19 May 2021 9:30
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 19 09:45:48 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)	11.528	2493118	18.008 ug/ml
Spiked Amount 50.000		Recovery =	36.02%
12) S 1-chlorooctadecane (S...	12.968	1952803	17.509 ug/ml
Spiked Amount 50.000		Recovery =	35.02%
Target Compounds			
1) T n-Nonane (C9)	3.291	2383843	20.183 ug/ml
2) T n-Decane (C10)	4.355	2430718	20.527 ug/ml
3) T A~Naphthalene (C11.7)	5.939	2641299	20.271 ug/ml
4) T n-Dodecane (C12)	6.373	2480984	20.503 ug/ml
5) T A~2-methylnaphthalene...	6.996	2663910	20.149 ug/ml
6) T n-Tetradecane (C14)	8.169	2480118	20.359 ug/ml
7) T n-Hexadecane (C16)	9.771	2425633	19.805 ug/ml
8) T n-Octadecane (C18)	11.214	2468619	18.955 ug/ml
10) T n-Eicosane (C20)	12.524	2416664	18.258 ug/ml
11) T n-Heneicosane (C21)	13.136	2360472	17.773 ug/ml
13) T n-Docosane (C22)	13.722	2339807	17.591 ug/ml
14) T n-Tetracosane (C24)	14.825	2284920	17.117 ug/ml
15) T n-Hexacosane (C26)	15.847	2191632	16.577 ug/ml
16) T n-Octacosane (C28)	16.798	2156621	16.475 ug/ml
17) T n-Tricontane (C30)	17.685	2140750	16.413 ug/ml
18) T n-Dotriacontane (C32)	18.519	2126099	16.850 ug/ml
19) T n-Tetratriacontane (C34)	19.303	2045098	16.785 ug/ml
20) T n-Hexatriacontane (C36)	20.043	2011050	17.201 ug/ml
21) T n-Octatriacontane (C38)	20.772	1889383	18.366 ug/ml
22) T n-Tetracontane (C40)	21.666	1927184	19.340 ug/ml

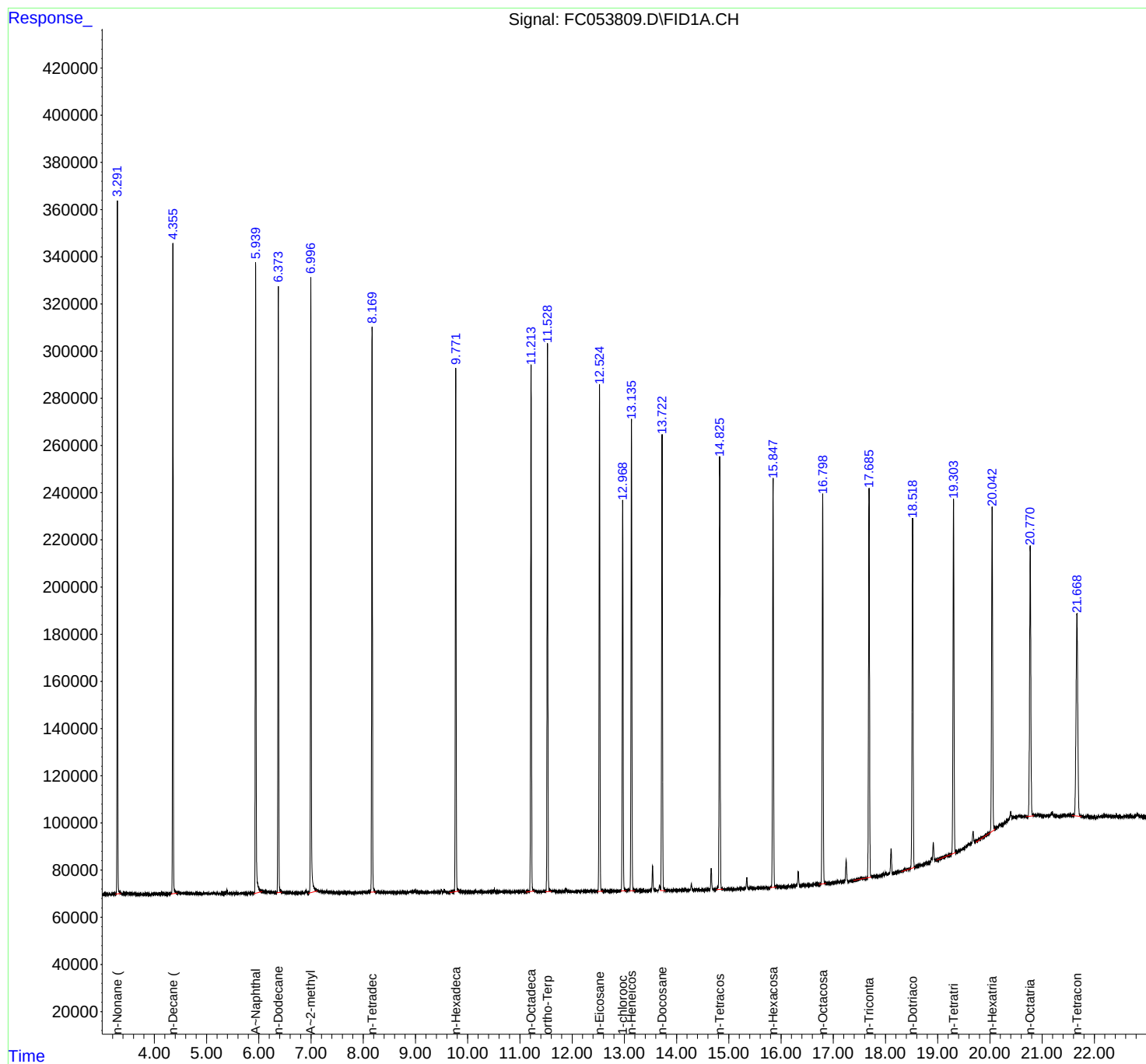
(f)=RT Delta > 1/2 Window

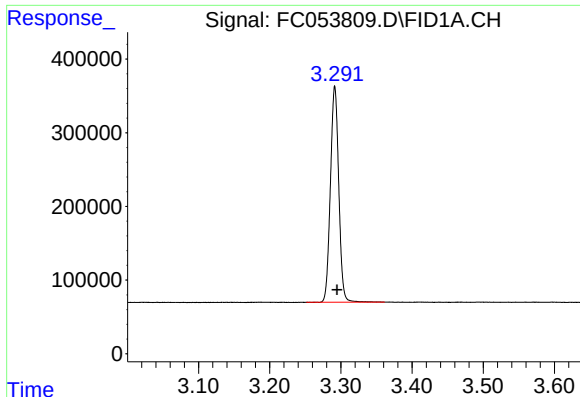
(m)=manual int.

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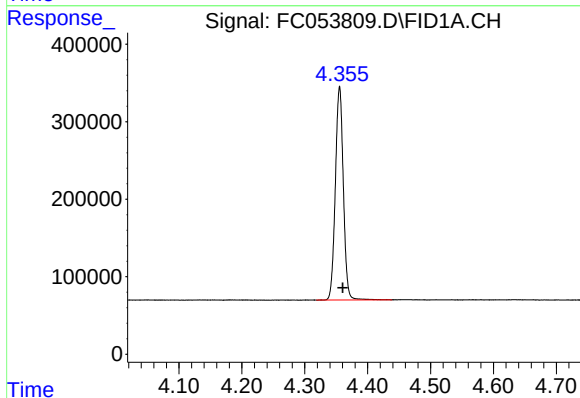
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Signal Info : 20M x 0.18mm x 0.18um





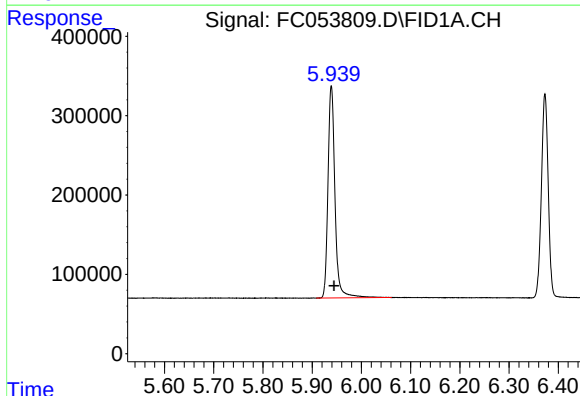
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 2383843
Conc: 20.18 ug/ml



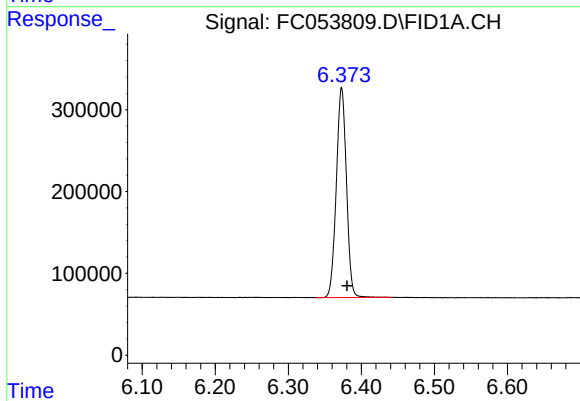
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.005 min
Response: 2430718
Conc: 20.53 ug/ml



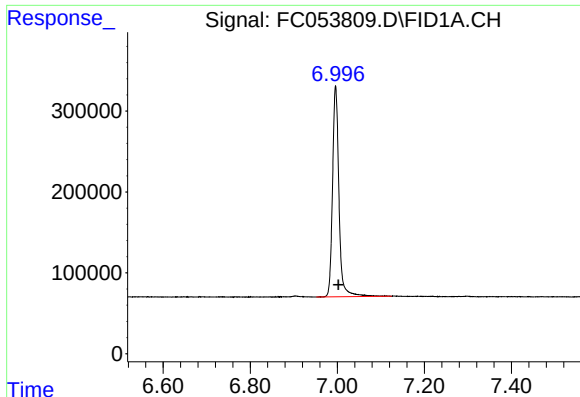
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 2641299
Conc: 20.27 ug/ml



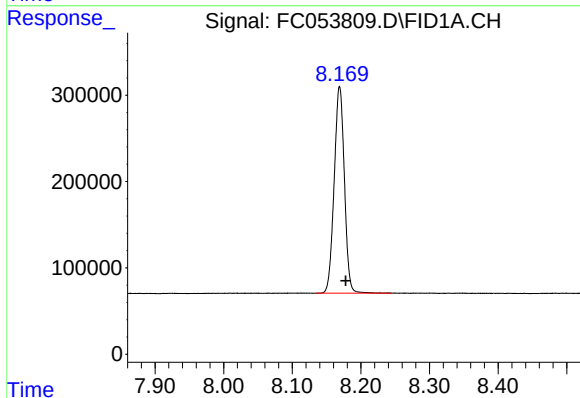
#4 n-Dodecane (C12)

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 2480984
Conc: 20.50 ug/ml



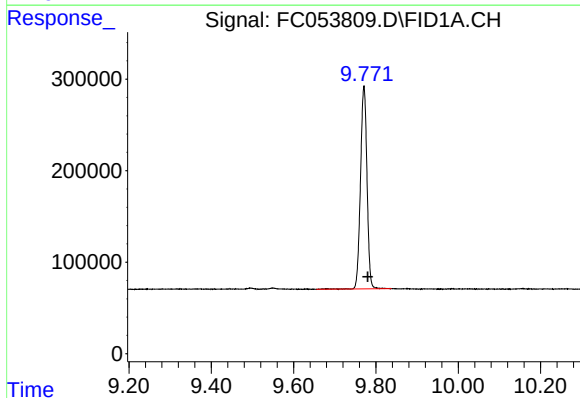
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.996 min
Delta R.T.: -0.007 min
Response: 2663910
Conc: 20.15 ug/ml



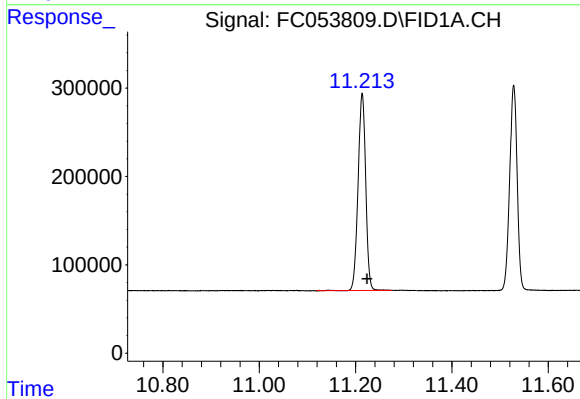
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.009 min
Response: 2480118
Conc: 20.36 ug/ml



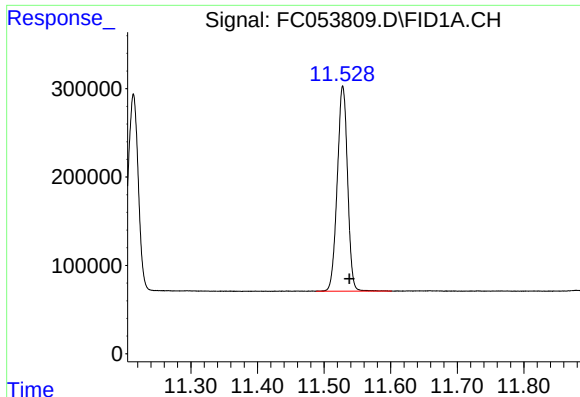
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.009 min
Response: 2425633
Conc: 19.80 ug/ml



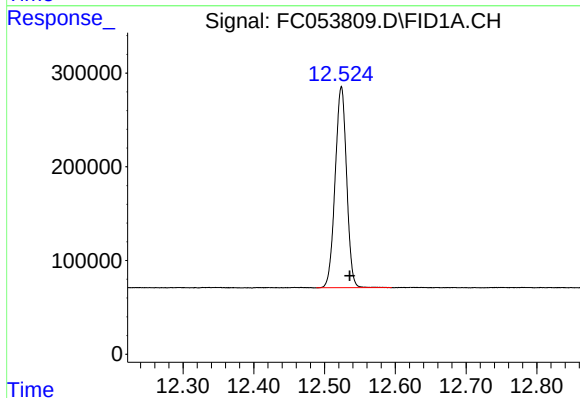
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.010 min
Response: 2468619
Conc: 18.96 ug/ml



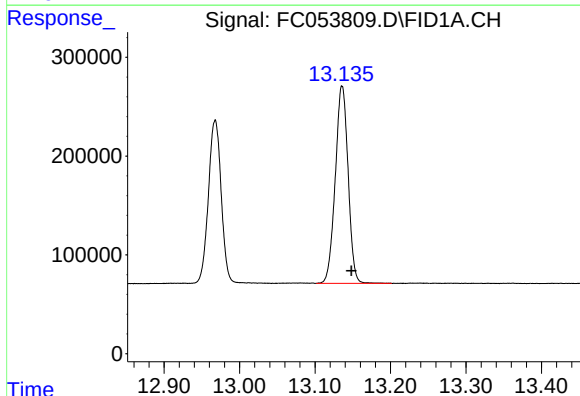
#9 ortho-Terphenyl (SURR)

R.T.: 11.528 min
Delta R.T.: -0.010 min
Response: 2493118
Conc: 18.01 ug/ml



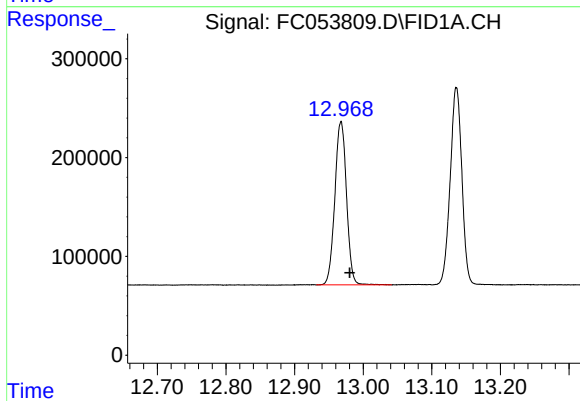
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.012 min
Response: 2416664
Conc: 18.26 ug/ml



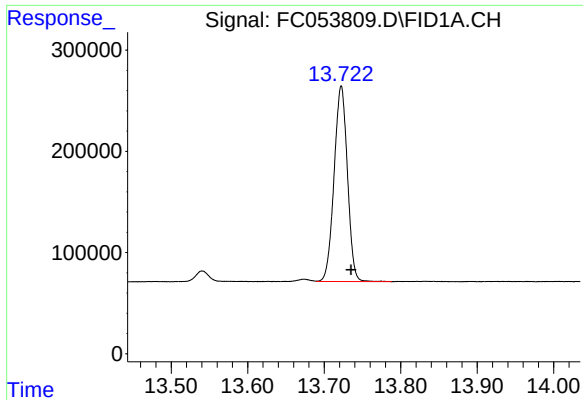
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.013 min
Response: 2360472
Conc: 17.77 ug/ml



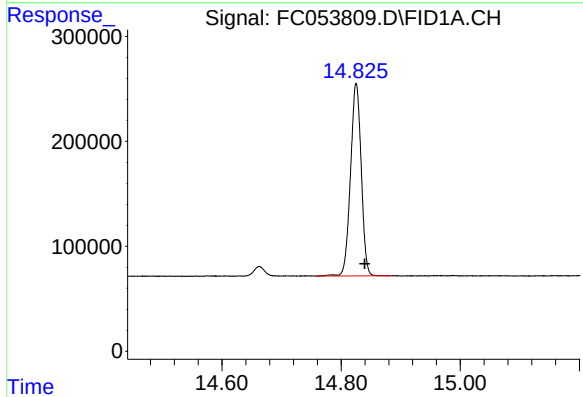
#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.013 min
Response: 1952803
Conc: 17.51 ug/ml



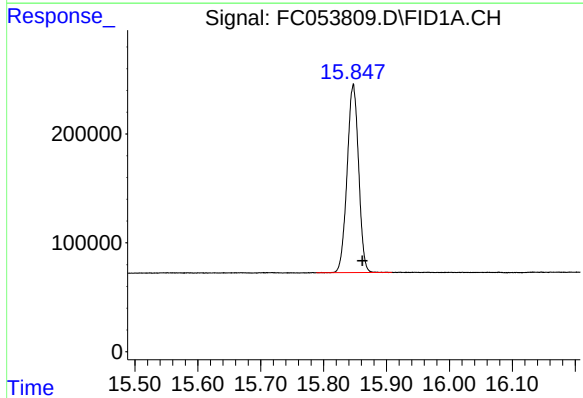
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: -0.013 min
Response: 2339807
Conc: 17.59 ug/ml



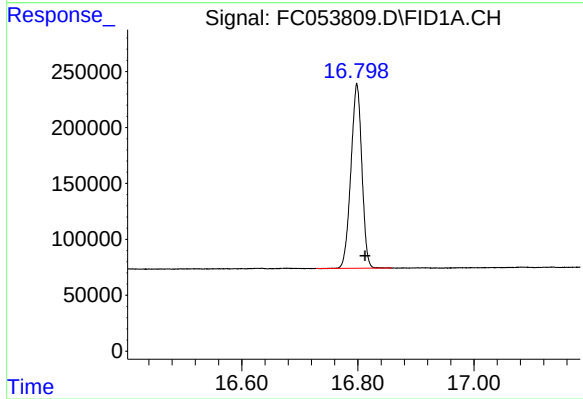
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: -0.014 min
Response: 2284920
Conc: 17.12 ug/ml



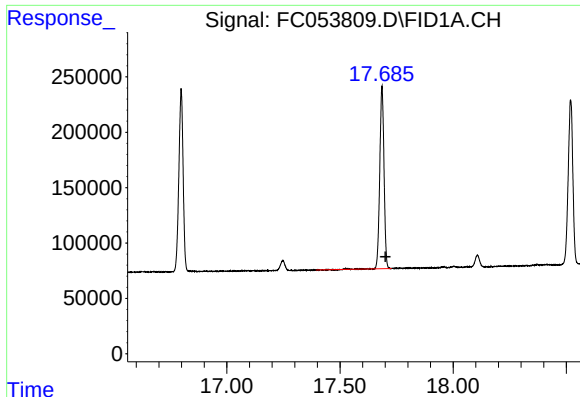
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: -0.015 min
Response: 2191632
Conc: 16.58 ug/ml



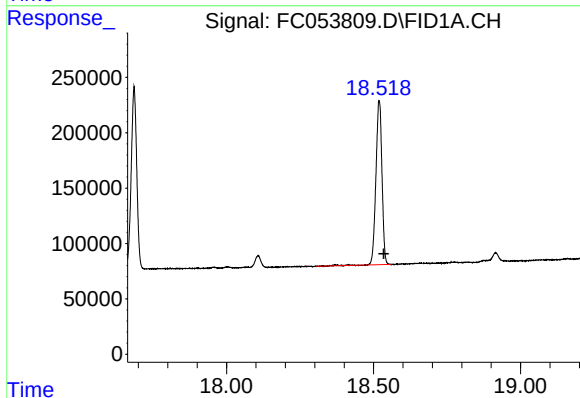
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.014 min
Response: 2156621
Conc: 16.47 ug/ml



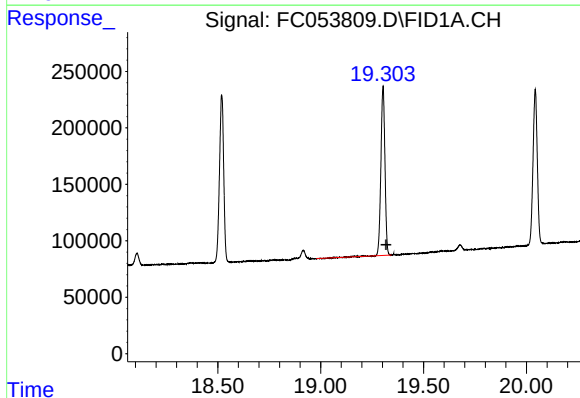
#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: -0.016 min
Response: 2140750
Conc: 16.41 ug/ml



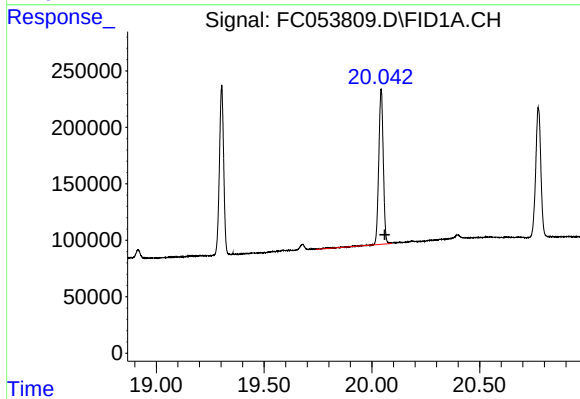
#18 n-Dotriacontane (C32)

R.T.: 18.519 min
Delta R.T.: -0.015 min
Response: 2126099
Conc: 16.85 ug/ml



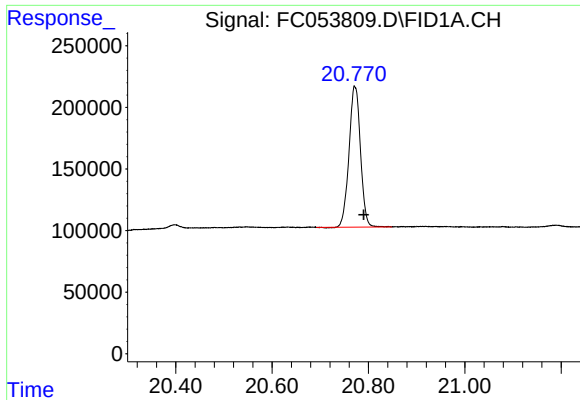
#19 n-Tetratriacontane (C34)

R.T.: 19.303 min
Delta R.T.: -0.015 min
Response: 2045098
Conc: 16.79 ug/ml



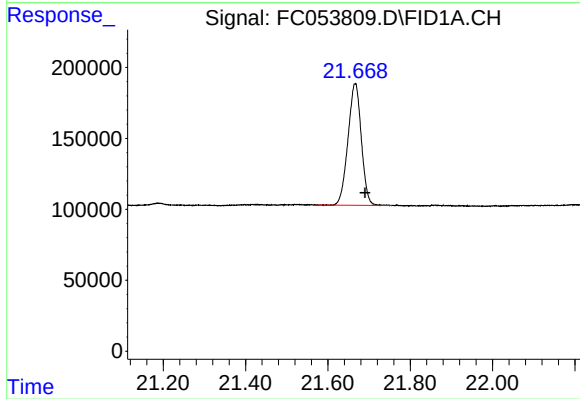
#20 n-Hexatriacontane (C36)

R.T.: 20.043 min
Delta R.T.: -0.017 min
Response: 2011050
Conc: 17.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.772 min
Delta R.T.: -0.018 min
Response: 1889383
Conc: 18.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.666 min
Delta R.T.: -0.024 min
Response: 1927184
Conc: 19.34 ug/ml