

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110921AL\
 Data File : FC056694.D
 Signal(s) : FID1A.CH
 Acq On : 09 Nov 2021 12:57
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 10 00:48:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.612	2373470	19.169 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
12) S 1-chlorooctadecane (S...	13.043	1838486	19.106 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
Target Compounds			
1) T n-Nonane (C9)	3.372	2379069	21.981 ug/ml
2) T n-Decane (C10)	4.439	2376898	22.066 ug/ml
3) T A~Naphthalene (C11.7)	6.030	2642514	21.674 ug/ml
4) T n-Dodecane (C12)	6.457	2393772	21.714 ug/ml
5) T A~2-methylnaphthalene...	7.086	2633988	21.509 ug/ml
6) T n-Tetradecane (C14)	8.252	2377522	21.177 ug/ml
7) T n-Hexadecane (C16)	9.851	2363923	20.793 ug/ml
8) T n-Octadecane (C18)	11.292	2360443	20.199 ug/ml
10) T n-Eicosane (C20)	12.598	2250191	19.579 ug/ml
11) T n-Heneicosane (C21)	13.209	2221605	19.331 ug/ml
13) T n-Docosane (C22)	13.793	2147439	19.074 ug/ml
14) T n-Tetracosane (C24)	14.893	2063178	18.722 ug/ml
15) T n-Hexacosane (C26)	15.910	1960674	18.577 ug/ml
16) T n-Octacosane (C28)	16.857	1929010	18.597 ug/ml
17) T n-Tricontane (C30)	17.740	1907827	18.414 ug/ml
18) T n-Dotriacontane (C32)	18.569	1885581	19.681 ug/ml
19) T n-Tetratriacontane (C34)	19.348	1927363	21.974 ug/ml
20) T n-Hexatriacontane (C36)	20.084	1886100	23.043 ug/ml
21) T n-Octatriacontane (C38)	20.817	1891072	23.645 ug/ml
22) T n-Tetracontane (C40)	21.731	1932773	23.459 ug/ml

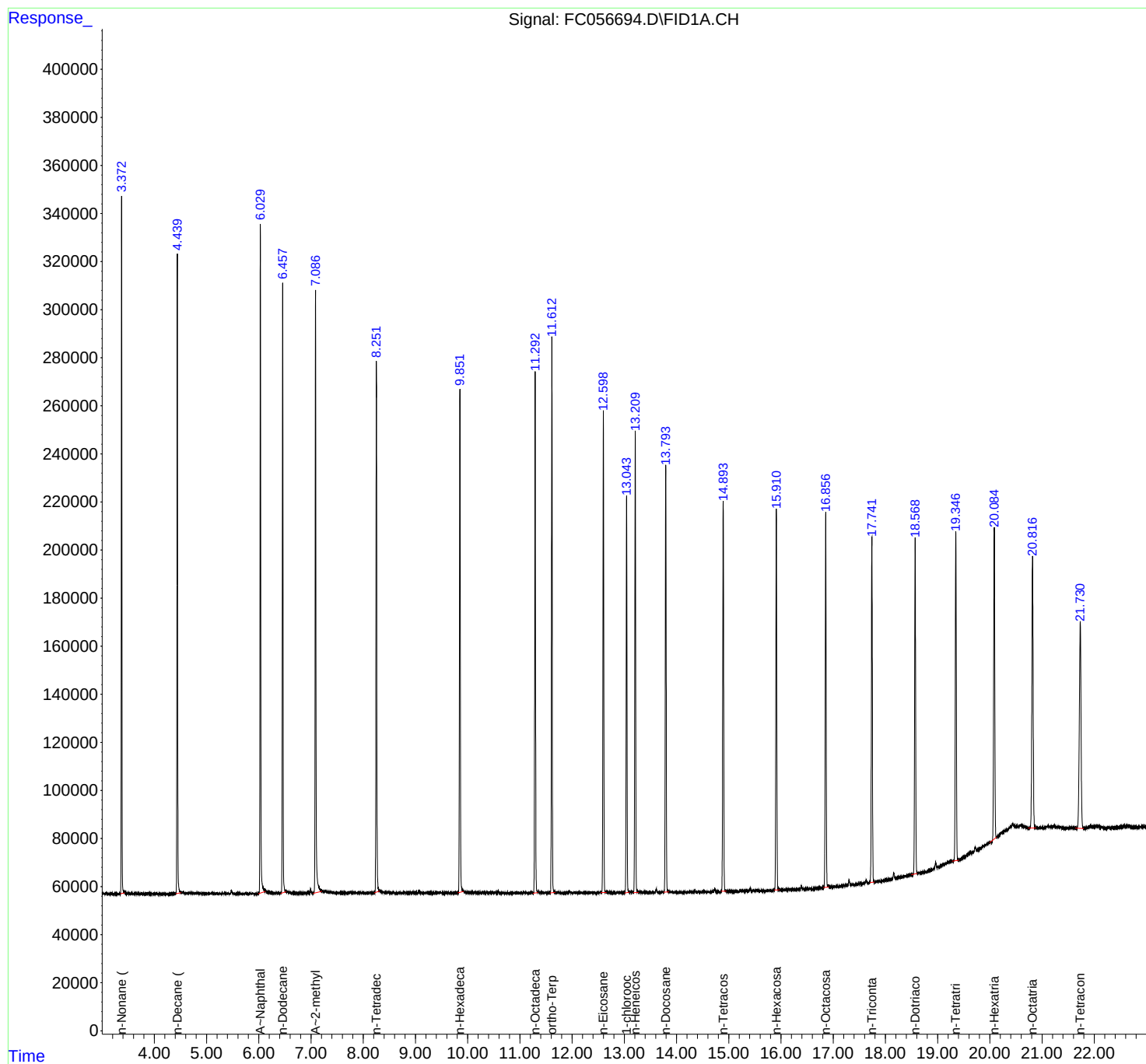
(f)=RT Delta > 1/2 Window

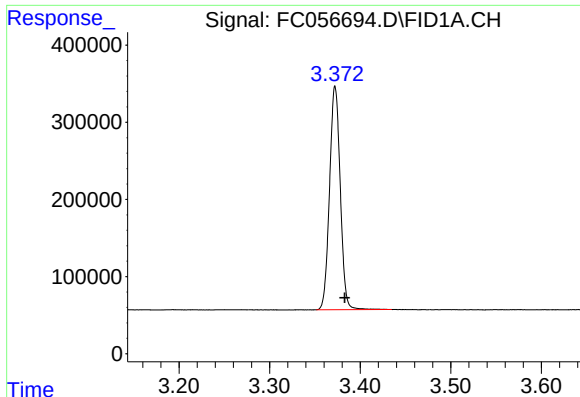
(m)=manual int.

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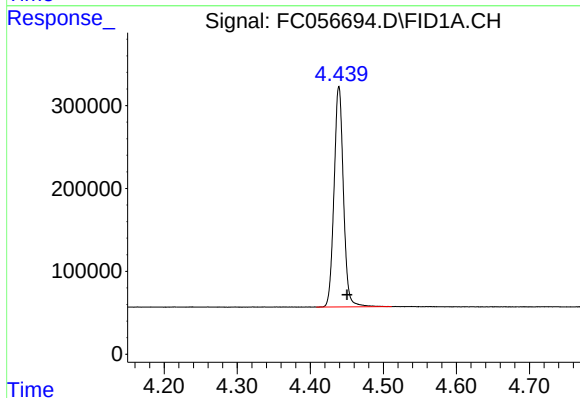
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Signal Info : 20M x 0.18mm x 0.18um





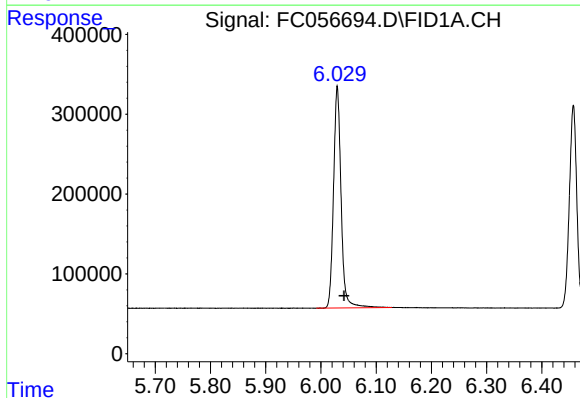
#1 n-Nonane (C9)

R.T.: 3.372 min
Delta R.T.: -0.011 min
Response: 2379069
Conc: 21.98 ug/ml



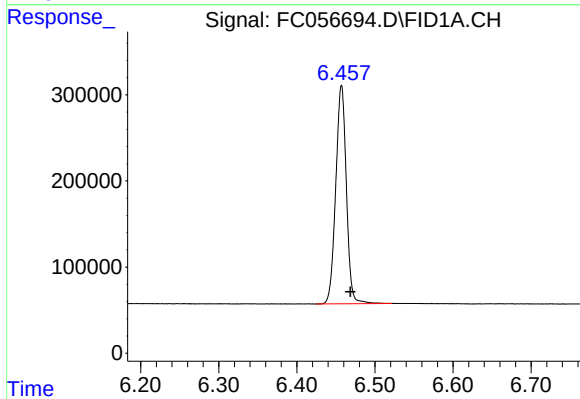
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.011 min
Response: 2376898
Conc: 22.07 ug/ml



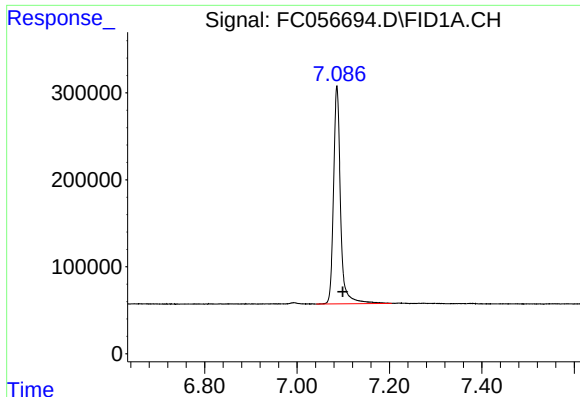
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.012 min
Response: 2642514
Conc: 21.67 ug/ml



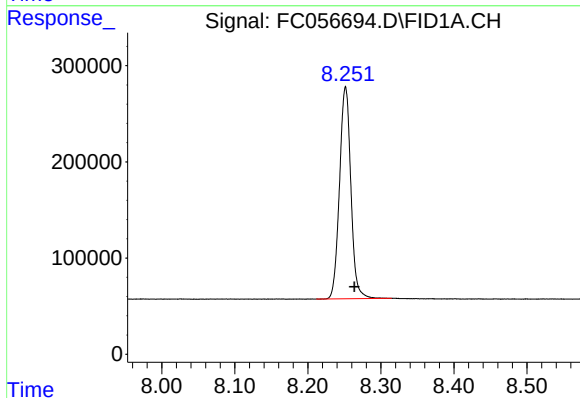
#4 n-Dodecane (C12)

R.T.: 6.457 min
Delta R.T.: -0.012 min
Response: 2393772
Conc: 21.71 ug/ml



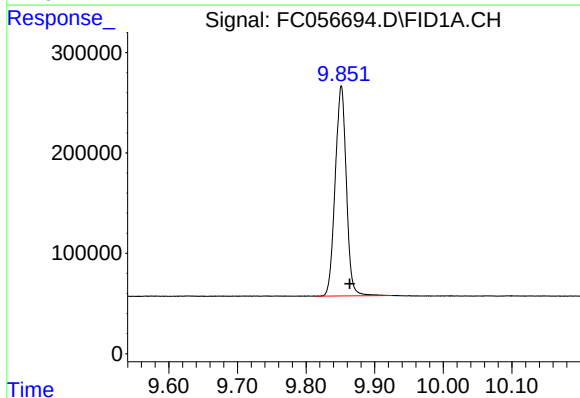
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.012 min
Response: 2633988
Conc: 21.51 ug/ml



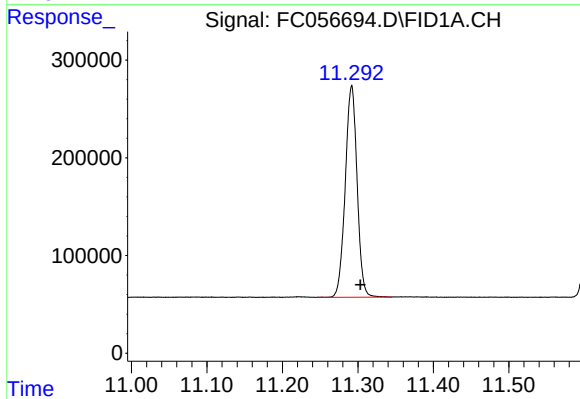
#6 n-Tetradecane (C14)

R.T.: 8.252 min
Delta R.T.: -0.012 min
Response: 2377522
Conc: 21.18 ug/ml



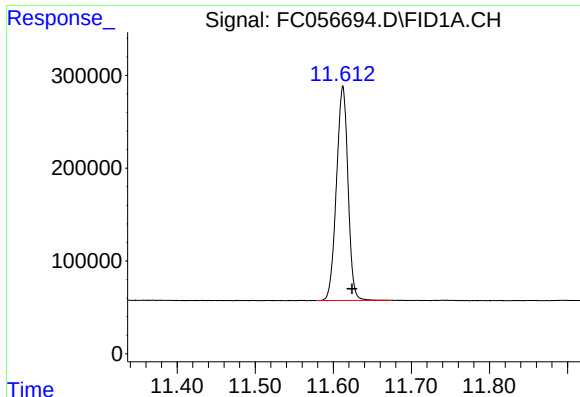
#7 n-Hexadecane (C16)

R.T.: 9.851 min
Delta R.T.: -0.013 min
Response: 2363923
Conc: 20.79 ug/ml



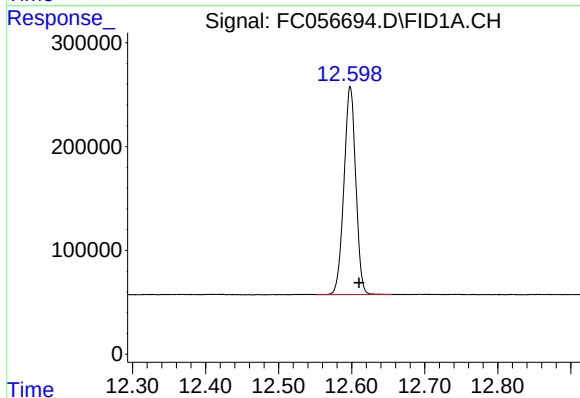
#8 n-Octadecane (C18)

R.T.: 11.292 min
Delta R.T.: -0.012 min
Response: 2360443
Conc: 20.20 ug/ml



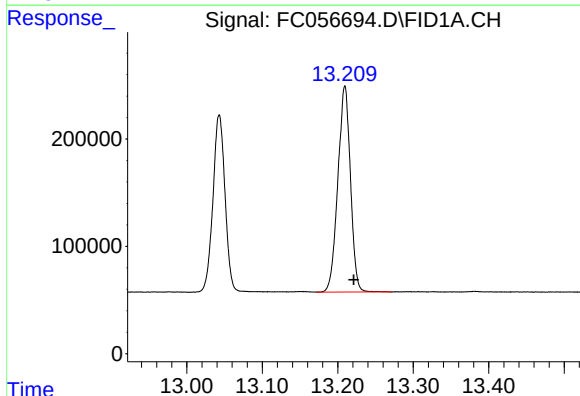
#9 ortho-Terphenyl (SURR)

R.T.: 11.612 min
Delta R.T.: -0.012 min
Response: 2373470
Conc: 19.17 ug/ml



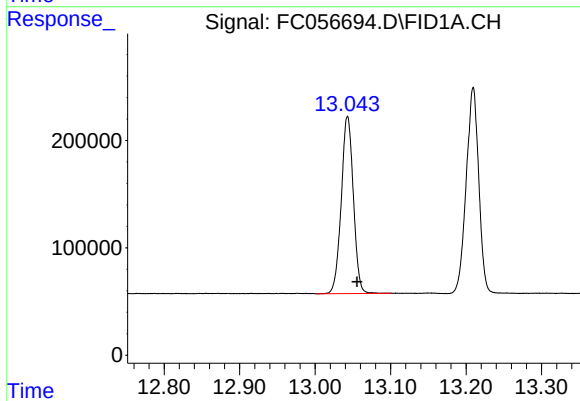
#10 n-Eicosane (C20)

R.T.: 12.598 min
Delta R.T.: -0.012 min
Response: 2250191
Conc: 19.58 ug/ml



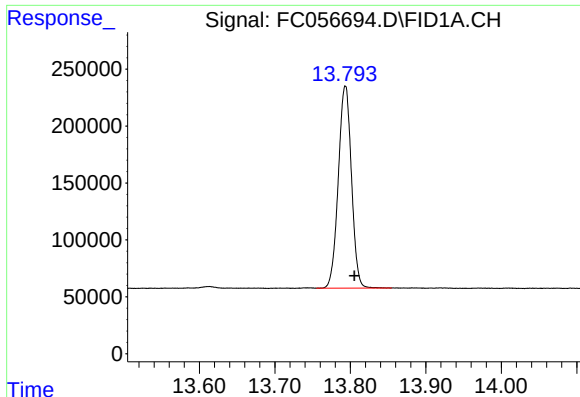
#11 n-Heneicosane (C21)

R.T.: 13.209 min
Delta R.T.: -0.012 min
Response: 2221605
Conc: 19.33 ug/ml



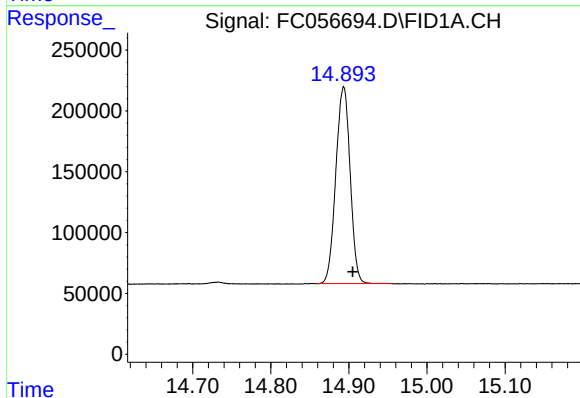
#12 1-chlorooctadecane (SURR)

R.T.: 13.043 min
Delta R.T.: -0.013 min
Response: 1838486
Conc: 19.11 ug/ml



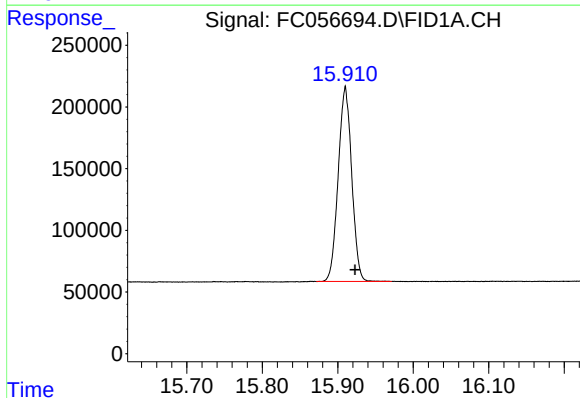
#13 n-Docosane (C22)

R.T.: 13.793 min
Delta R.T.: -0.012 min
Response: 2147439
Conc: 19.07 ug/ml



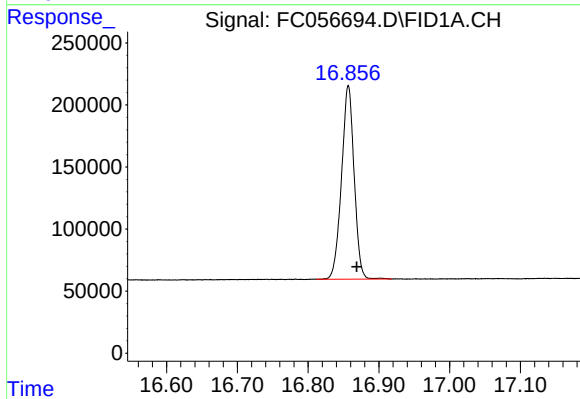
#14 n-Tetracosane (C24)

R.T.: 14.893 min
Delta R.T.: -0.012 min
Response: 2063178
Conc: 18.72 ug/ml



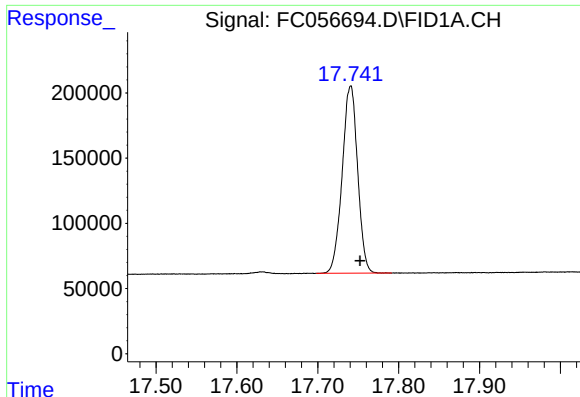
#15 n-Hexacosane (C26)

R.T.: 15.910 min
Delta R.T.: -0.013 min
Response: 1960674
Conc: 18.58 ug/ml



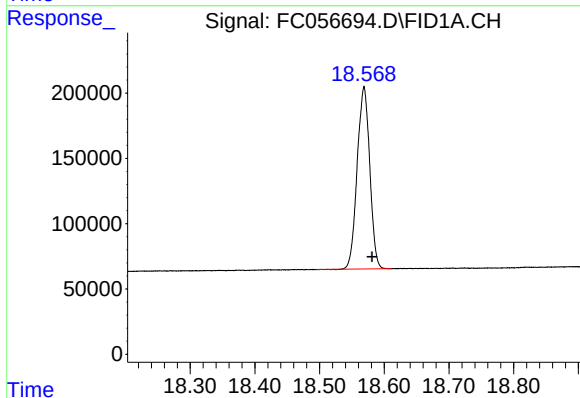
#16 n-Octacosane (C28)

R.T.: 16.857 min
Delta R.T.: -0.012 min
Response: 1929010
Conc: 18.60 ug/ml



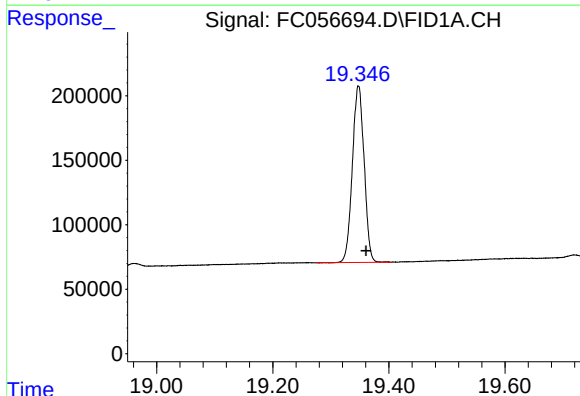
#17 n-Tricontane (C30)

R.T.: 17.740 min
Delta R.T.: -0.012 min
Response: 1907827
Conc: 18.41 ug/ml



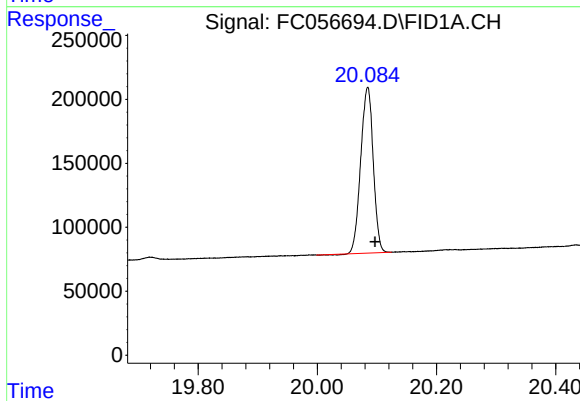
#18 n-Dotriacontane (C32)

R.T.: 18.569 min
Delta R.T.: -0.012 min
Response: 1885581
Conc: 19.68 ug/ml



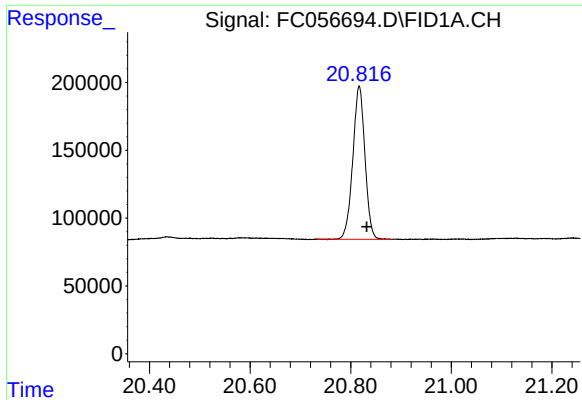
#19 n-Tetratriacontane (C34)

R.T.: 19.348 min
Delta R.T.: -0.013 min
Response: 1927363
Conc: 21.97 ug/ml



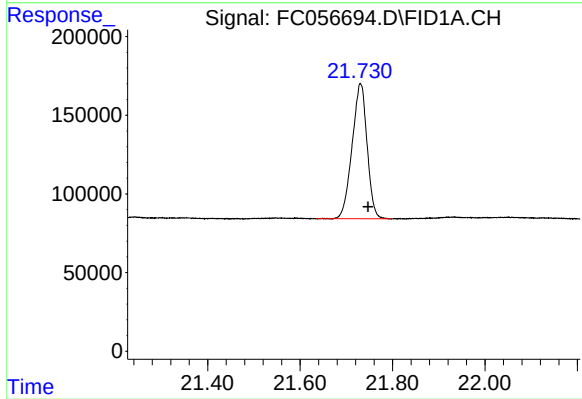
#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: -0.012 min
Response: 1886100
Conc: 23.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.817 min
Delta R.T.: -0.015 min
Response: 1891072
Conc: 23.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.731 min
Delta R.T.: -0.016 min
Response: 1932773
Conc: 23.46 ug/ml