

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020519AL\
 Data File : FC038993.D
 Signal(s) : FID1A.CH
 Acq On : 06 Feb 2019 8:59
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 06 09:41:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 010919.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 05:47:13 2019
 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)	11.233	2134686	19.775 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
12) S 1-chlorooctadecane (S...	12.678	1585014	20.077 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
Target Compounds			
1) T n-Nonane (C9)	3.084	1725087	19.306 ug/ml
2) T n-Decane (C10)	4.138	1736257	19.519 ug/ml
3) T A~Naphthalene (C11.7)	5.695	1938114	19.849 ug/ml
4) T n-Dodecane (C12)	6.139	1796872	20.052 ug/ml
5) T A~2-methylnaphthalene...	6.742	1924559	20.062 ug/ml
6) T n-Tetradecane (C14)	7.919	1824131	20.271 ug/ml
7) T n-Hexadecane (C16)	9.507	1855460	20.477 ug/ml
8) T n-Octadecane (C18)	10.939	1861119	20.398 ug/ml
10) T n-Eicosane (C20)	12.240	1883109	20.598 ug/ml
11) T n-Heneicosane (C21)	12.848	1883707	21.056 ug/ml
13) T n-Docosane (C22)	13.431	1884265	21.113 ug/ml
14) T n-Tetracosane (C24)	14.526	1907887	21.607 ug/ml
15) T n-Hexacosane (C26)	15.543	1917875	22.044 ug/ml
16) T n-Octacosane (C28)	16.488	1941372	22.351 ug/ml
17) T n-Tricontane (C30)	17.369	1927676	22.315 ug/ml
18) T n-Dotriacontane (C32)	18.199	1760857	21.640 ug/ml
19) T n-Tetratriacontane (C34)	18.979	1536129	22.671 ug/ml
20) T n-Hexatriacontane (C36)	19.715	1352781	22.631 ug/ml
21) T n-Octatriacontane (C38)	20.413	1306900	20.529 ug/ml
22) T n-Tetracontane (C40)	21.200	1269922	21.834 ug/ml

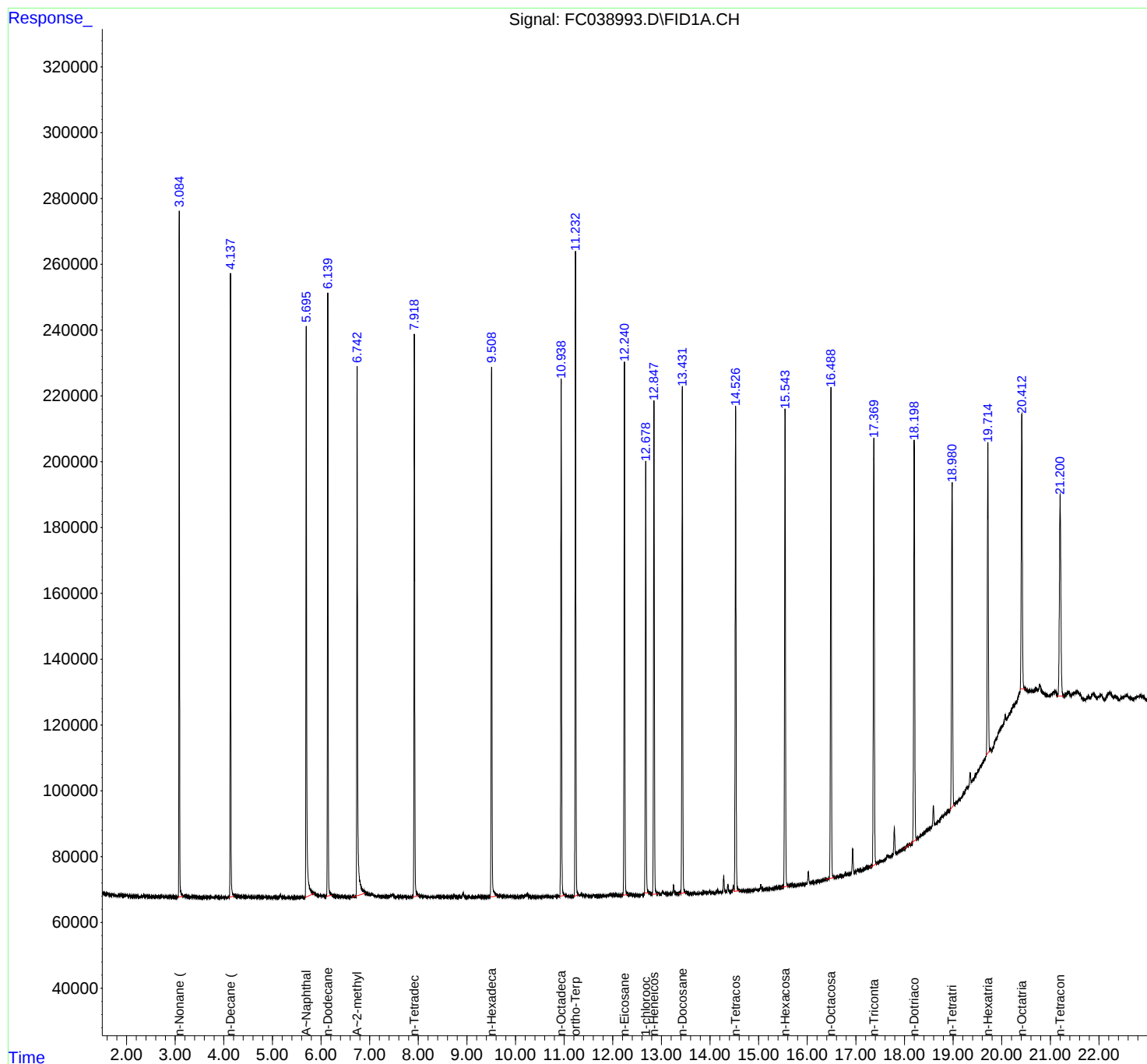
(f)=RT Delta > 1/2 Window

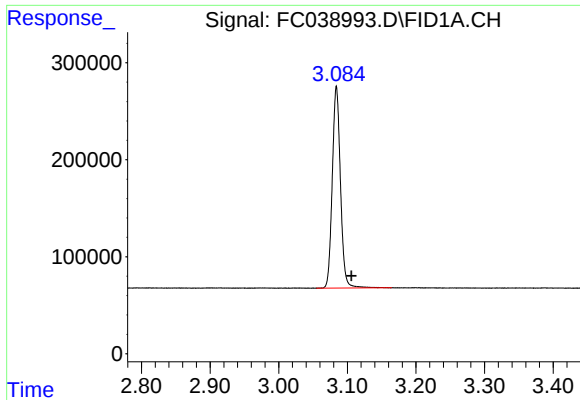
(m)=manual int.

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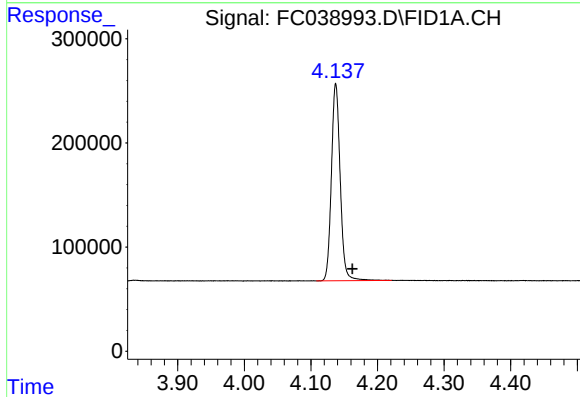
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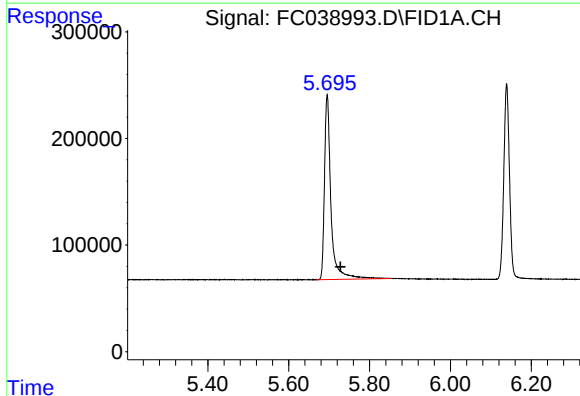
#1 n-Nonane (C9)

R.T.: 3.084 min
Delta R.T.: -0.022 min
Response: 1725087
Conc: 19.31 ug/ml



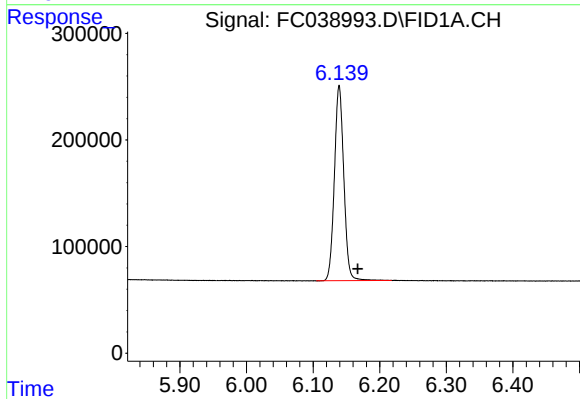
#2 n-Decane (C10)

R.T.: 4.138 min
Delta R.T.: -0.025 min
Response: 1736257
Conc: 19.52 ug/ml



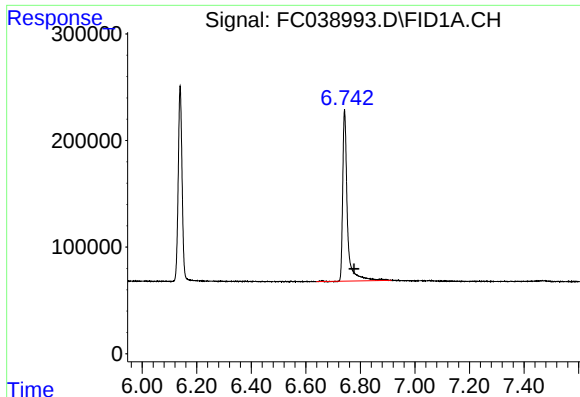
#3 A~Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.032 min
Response: 1938114
Conc: 19.85 ug/ml



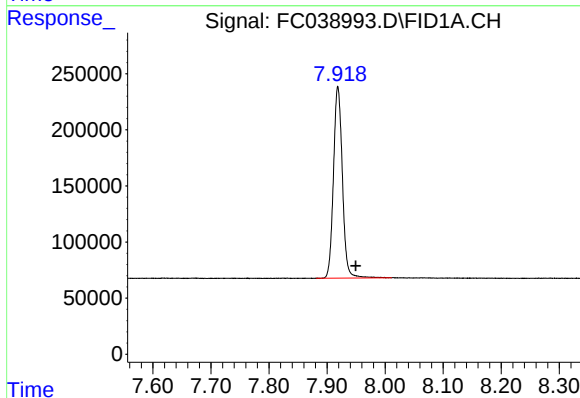
#4 n-Dodecane (C12)

R.T.: 6.139 min
Delta R.T.: -0.028 min
Response: 1796872
Conc: 20.05 ug/ml



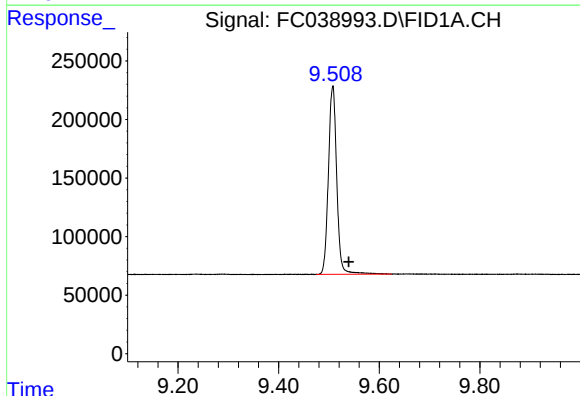
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.035 min
Response: 1924559
Conc: 20.06 ug/ml



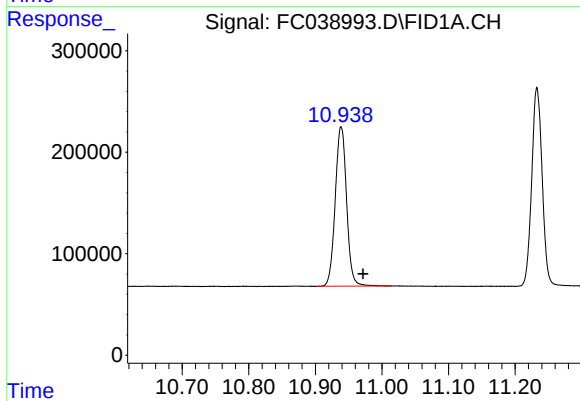
#6 n-Tetradecane (C14)

R.T.: 7.919 min
Delta R.T.: -0.031 min
Response: 1824131
Conc: 20.27 ug/ml



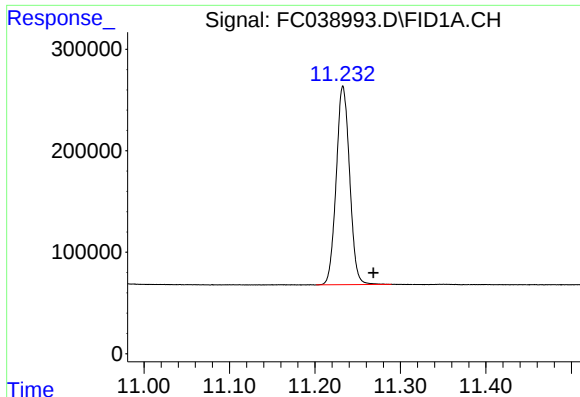
#7 n-Hexadecane (C16)

R.T.: 9.507 min
Delta R.T.: -0.032 min
Response: 1855460
Conc: 20.48 ug/ml



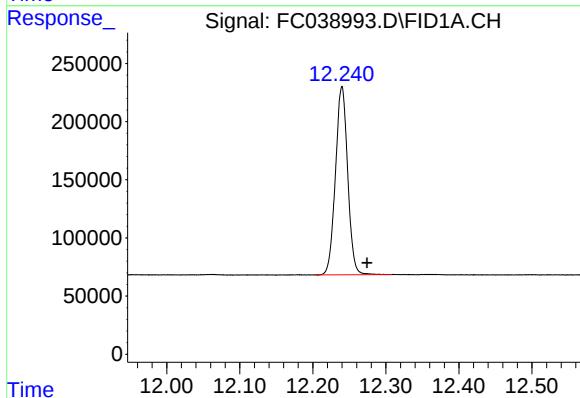
#8 n-Octadecane (C18)

R.T.: 10.939 min
Delta R.T.: -0.033 min
Response: 1861119
Conc: 20.40 ug/ml



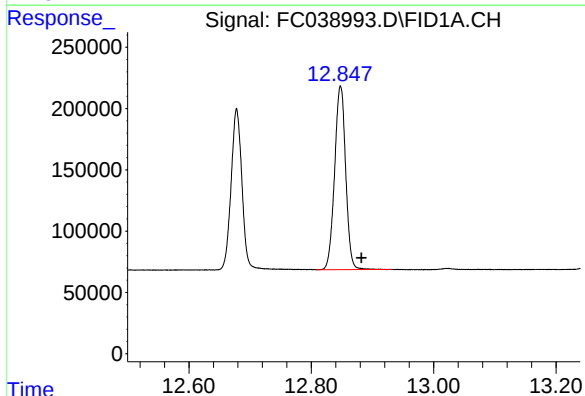
#9 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.036 min
Response: 2134686
Conc: 19.78 ug/ml



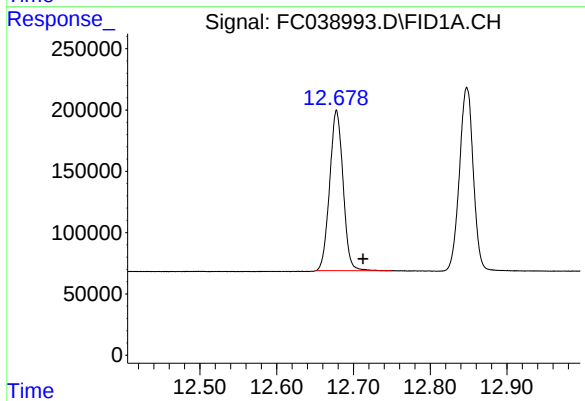
#10 n-Eicosane (C20)

R.T.: 12.240 min
Delta R.T.: -0.034 min
Response: 1883109
Conc: 20.60 ug/ml



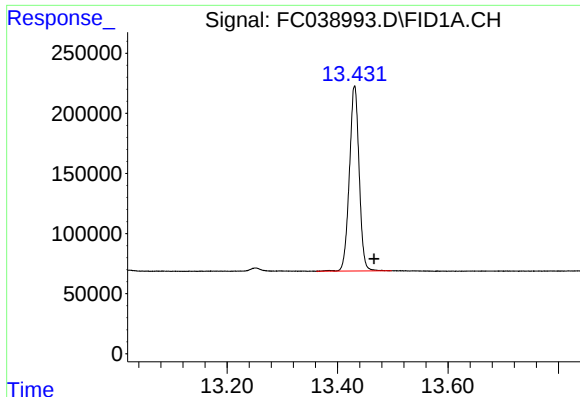
#11 n-Heneicosane (C21)

R.T.: 12.848 min
Delta R.T.: -0.034 min
Response: 1883707
Conc: 21.06 ug/ml



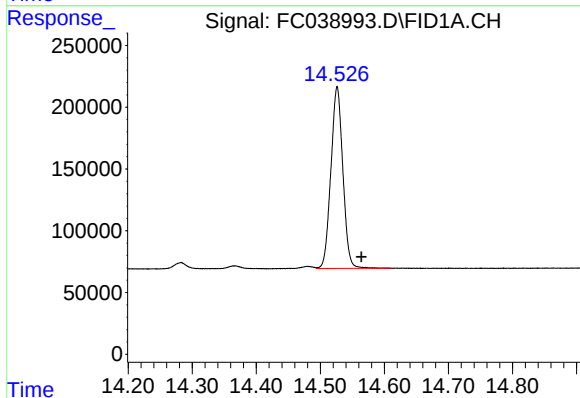
#12 1-chlorooctadecane (SURR)

R.T.: 12.678 min
Delta R.T.: -0.034 min
Response: 1585014
Conc: 20.08 ug/ml



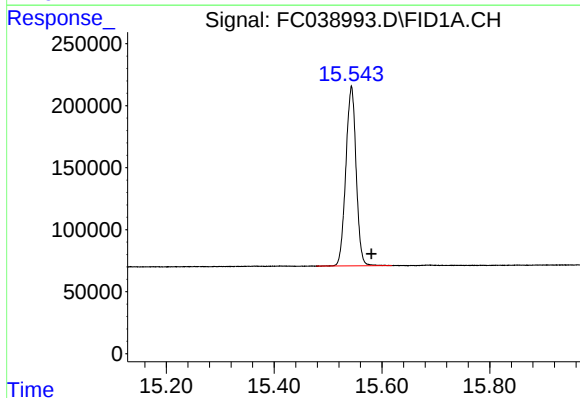
#13 n-Docosane (C22)

R.T.: 13.431 min
Delta R.T.: -0.036 min
Response: 1884265
Conc: 21.11 ug/ml



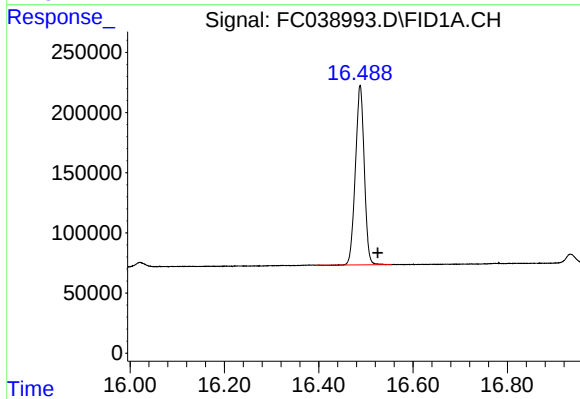
#14 n-Tetracosane (C24)

R.T.: 14.526 min
Delta R.T.: -0.038 min
Response: 1907887
Conc: 21.61 ug/ml



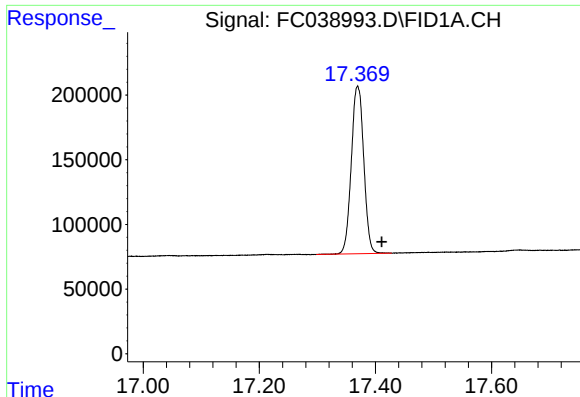
#15 n-Hexacosane (C26)

R.T.: 15.543 min
Delta R.T.: -0.037 min
Response: 1917875
Conc: 22.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.488 min
Delta R.T.: -0.038 min
Response: 1941372
Conc: 22.35 ug/ml



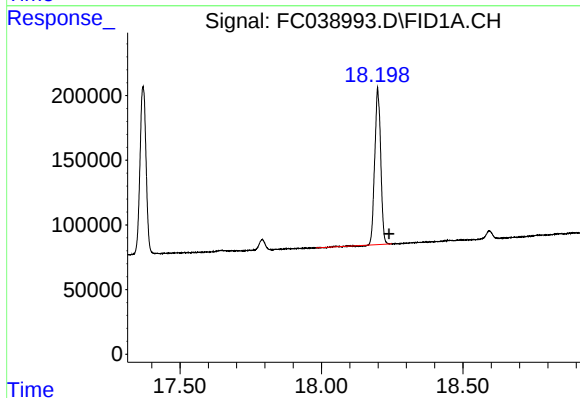
#17 n-Tricontane (C30)

R.T.: 17.369 min

Delta R.T.: -0.041 min

Response: 1927676

Conc: 22.32 ug/ml



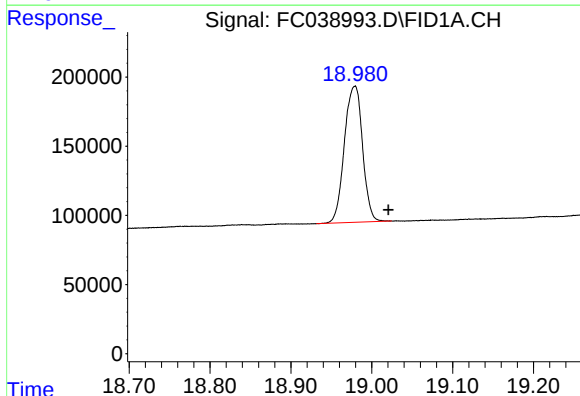
#18 n-Dotriacontane (C32)

R.T.: 18.199 min

Delta R.T.: -0.040 min

Response: 1760857

Conc: 21.64 ug/ml



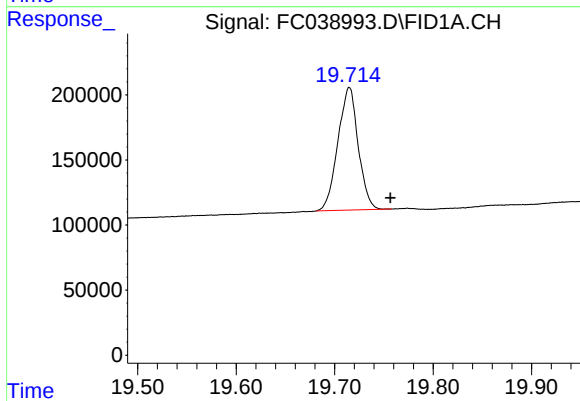
#19 n-Tetratriacontane (C34)

R.T.: 18.979 min

Delta R.T.: -0.042 min

Response: 1536129

Conc: 22.67 ug/ml



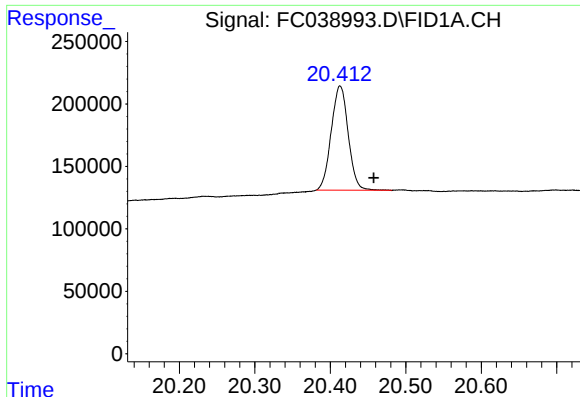
#20 n-Hexatriacontane (C36)

R.T.: 19.715 min

Delta R.T.: -0.042 min

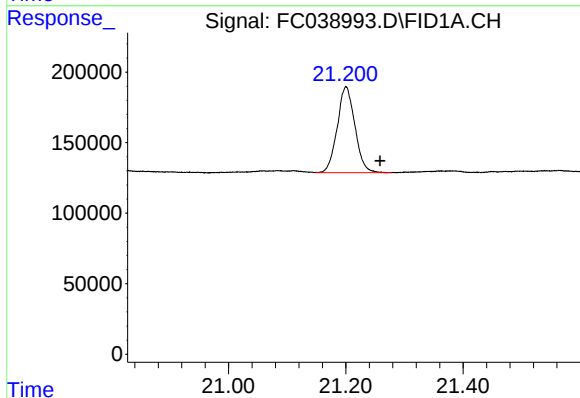
Response: 1352781

Conc: 22.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.413 min
Delta R.T.: -0.045 min
Response: 1306900
Conc: 20.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.200 min
Delta R.T.: -0.058 min
Response: 1269922
Conc: 21.83 ug/ml