

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121820AL\
 Data File : FC051359.D
 Signal(s) : FID1A.CH
 Acq On : 18 Dec 2020 12:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 18 22:28:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 2020
 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)	11.569	2069007	16.815 ug/ml
Spiked Amount 50.000		Recovery =	33.63%
12) S 1-chlorooctadecane (S...	13.005	1579378	16.190 ug/ml
Spiked Amount 50.000		Recovery =	32.38%
Target Compounds			
1) T n-Nonane (C9)	3.330	2036368	19.135 ug/ml
2) T n-Decane (C10)	4.398	2049878	19.301 ug/ml
3) T A~Naphthalene (C11.7)	5.989	2123640	18.889 ug/ml
4) T n-Dodecane (C12)	6.415	2092578	19.232 ug/ml
5) T A~2-methylnaphthalene...	7.046	2105426	18.630 ug/ml
6) T n-Tetradecane (C14)	8.210	2052591	18.970 ug/ml
7) T n-Hexadecane (C16)	9.810	1985092	18.498 ug/ml
8) T n-Octadecane (C18)	11.251	2016131	17.676 ug/ml
10) T n-Eicosane (C20)	12.559	1956043	16.838 ug/ml
11) T n-Heneicosane (C21)	13.171	1915508	16.533 ug/ml
13) T n-Docosane (C22)	13.756	1879749	16.230 ug/ml
14) T n-Tetracosane (C24)	14.858	1823509	15.855 ug/ml
15) T n-Hexacosane (C26)	15.878	1787043	15.871 ug/ml
16) T n-Octacosane (C28)	16.826	1778630	16.063 ug/ml
17) T n-Tricontane (C30)	17.711	1758563	16.555 ug/ml
18) T n-Dotriacontane (C32)	18.543	1665882	17.049 ug/ml
19) T n-Tetratriacontane (C34)	19.325	1611188	18.053 ug/ml
20) T n-Hexatriacontane (C36)	20.063	1586703	19.024 ug/ml
21) T n-Octatriacontane (C38)	20.797	1479680	19.001 ug/ml
22) T n-Tetracontane (C40)	21.707	1466243	17.709 ug/ml

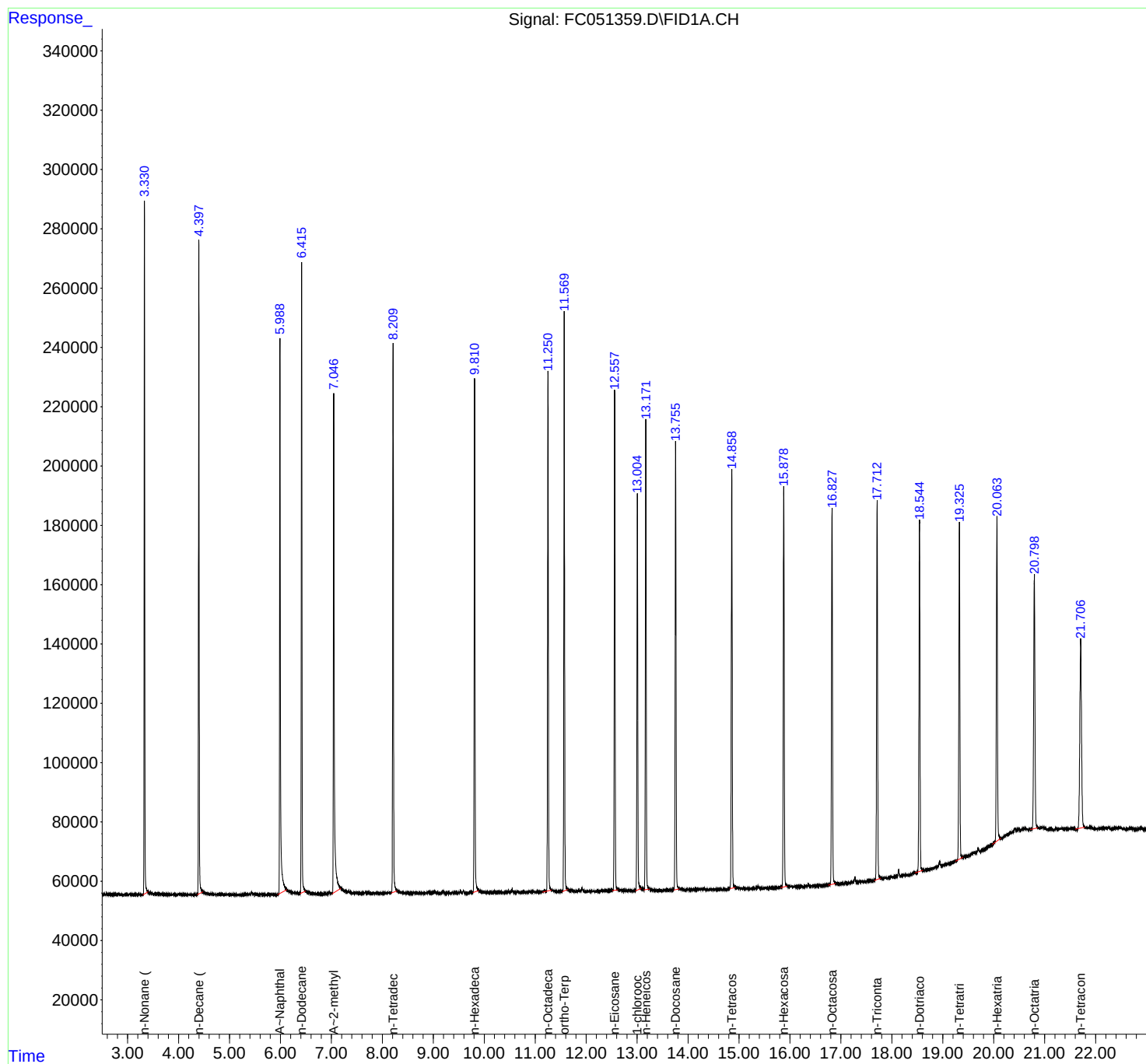
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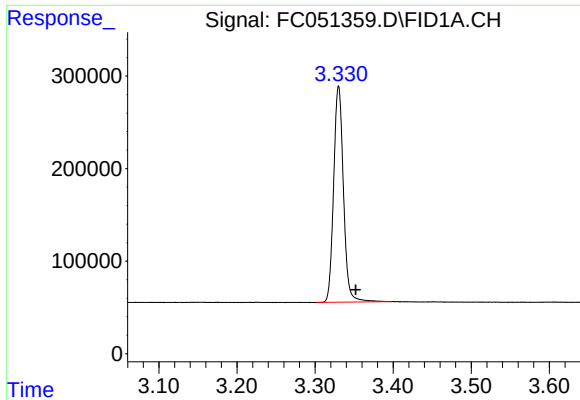
(m)=manual int.

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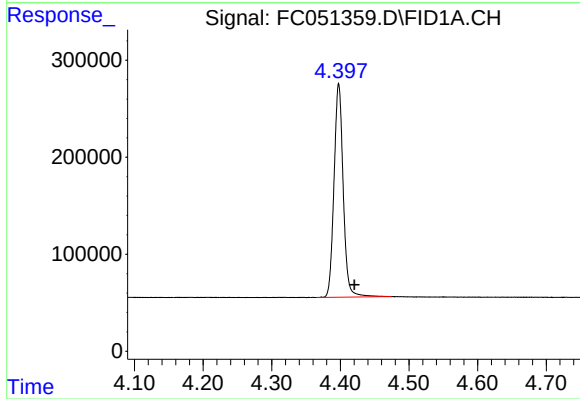
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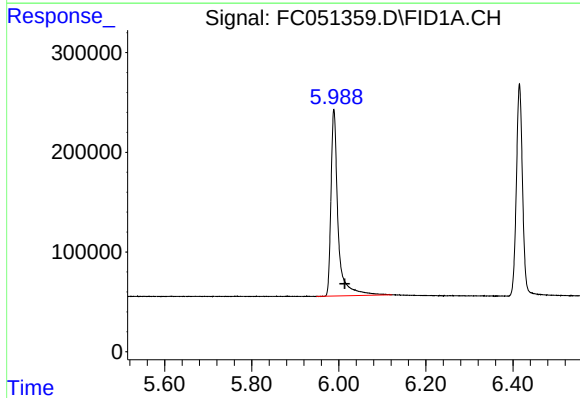
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.022 min
Response: 2036368
Conc: 19.14 ug/ml



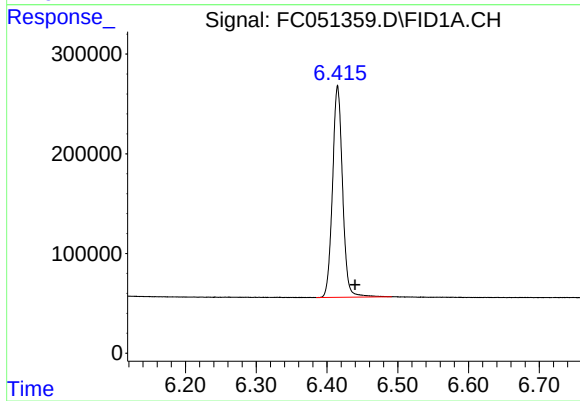
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.023 min
Response: 2049878
Conc: 19.30 ug/ml



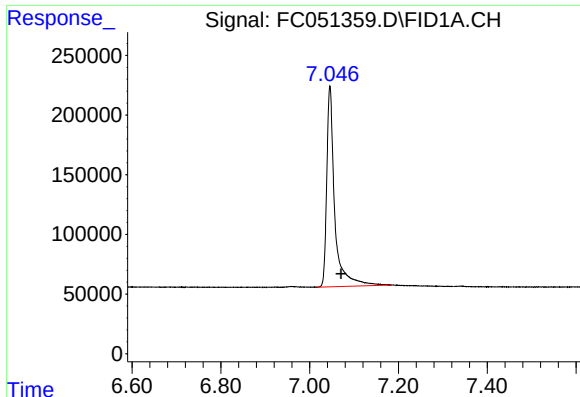
#3 A~Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: -0.024 min
Response: 2123640
Conc: 18.89 ug/ml



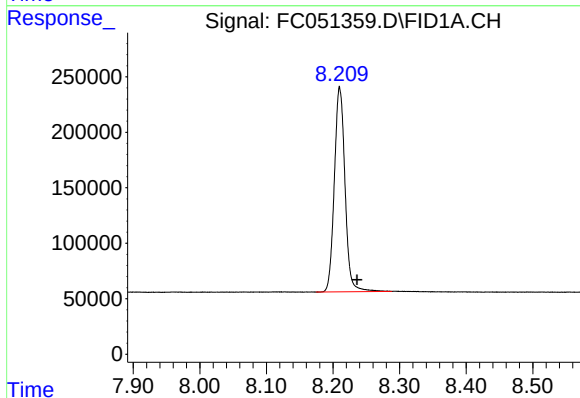
#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: -0.025 min
Response: 2092578
Conc: 19.23 ug/ml



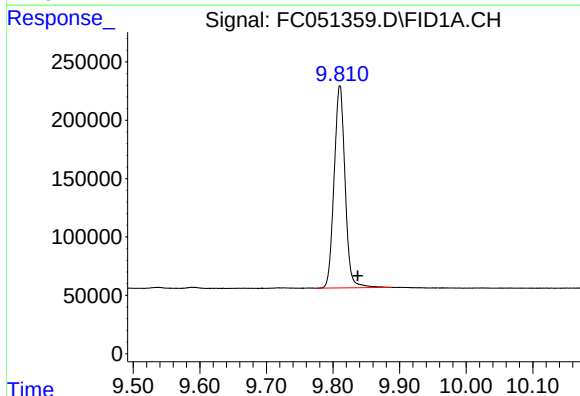
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.046 min
Delta R.T.: -0.025 min
Response: 2105426
Conc: 18.63 ug/ml



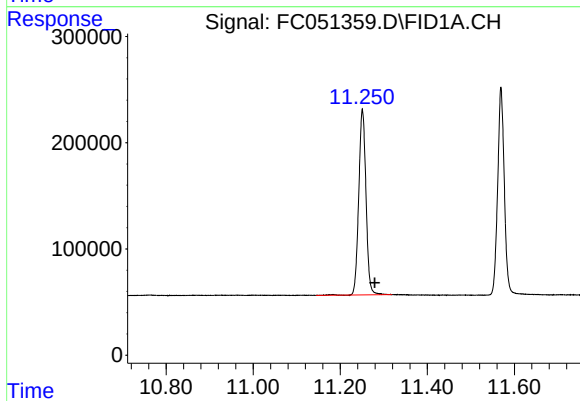
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: -0.026 min
Response: 2052591
Conc: 18.97 ug/ml



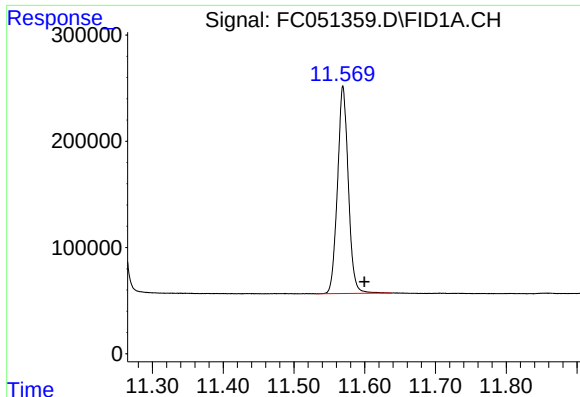
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: -0.027 min
Response: 1985092
Conc: 18.50 ug/ml



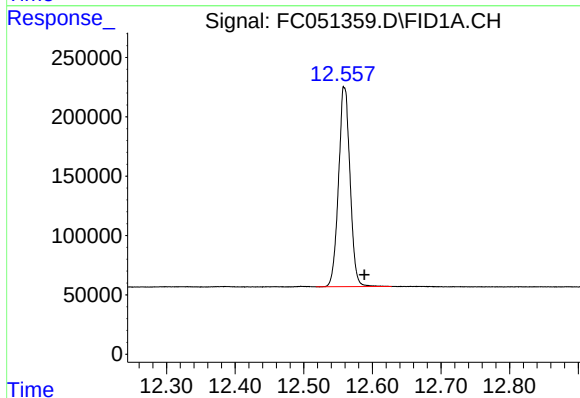
#8 n-Octadecane (C18)

R.T.: 11.251 min
Delta R.T.: -0.028 min
Response: 2016131
Conc: 17.68 ug/ml



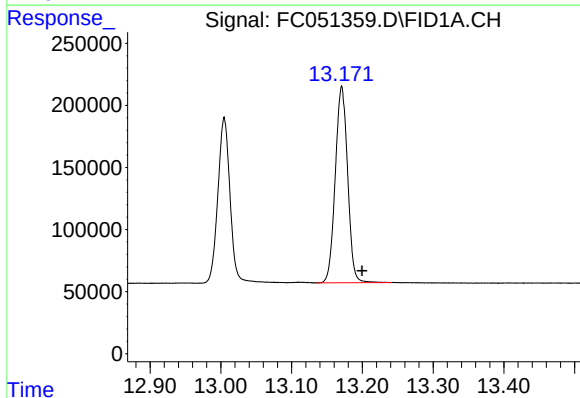
#9 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: -0.030 min
Response: 2069007
Conc: 16.82 ug/ml



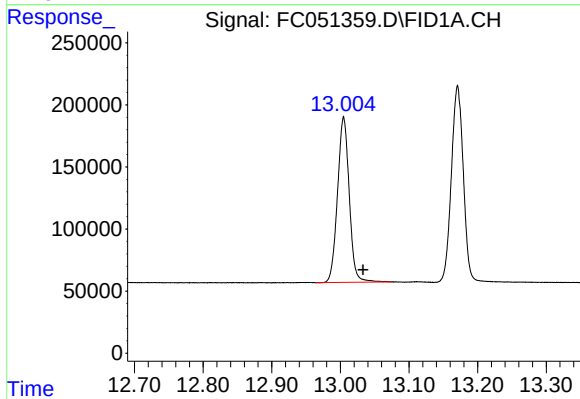
#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.029 min
Response: 1956043
Conc: 16.84 ug/ml



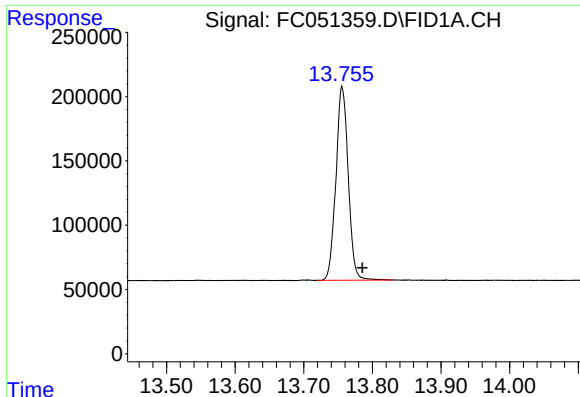
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: -0.029 min
Response: 1915508
Conc: 16.53 ug/ml



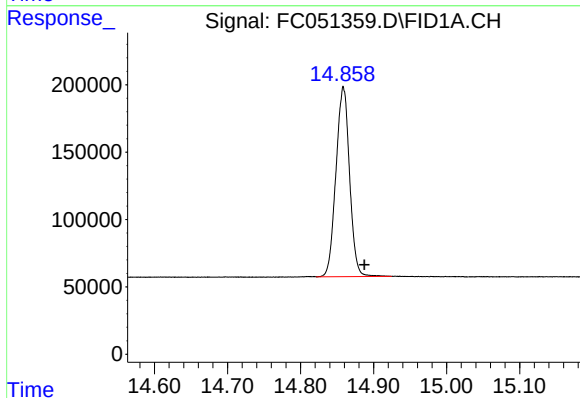
#12 1-chlorooctadecane (SURR)

R.T.: 13.005 min
Delta R.T.: -0.028 min
Response: 1579378
Conc: 16.19 ug/ml



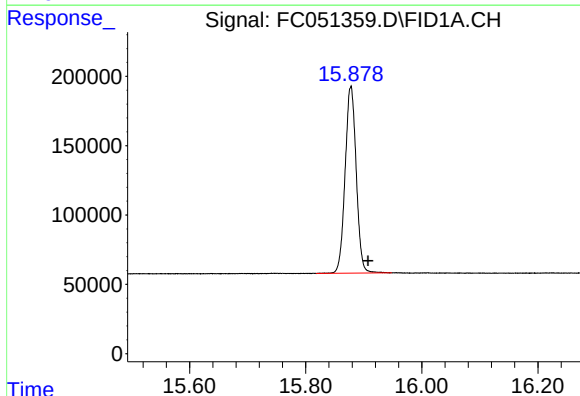
#13 n-Docosane (C22)

R.T.: 13.756 min
Delta R.T.: -0.029 min
Response: 1879749
Conc: 16.23 ug/ml



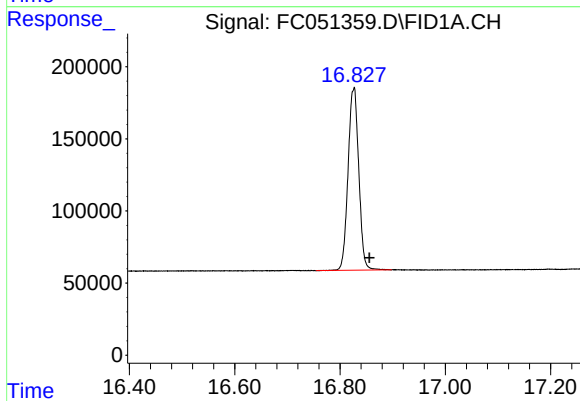
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.029 min
Response: 1823509
Conc: 15.86 ug/ml



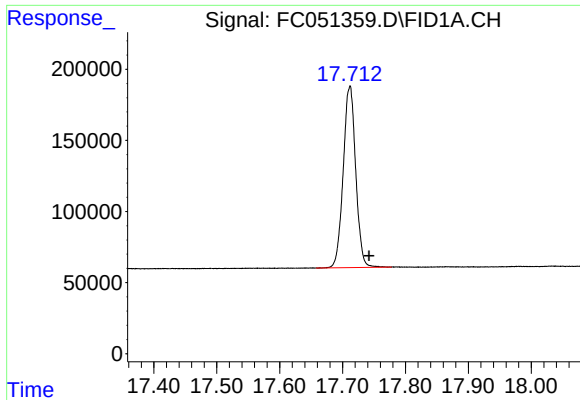
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.029 min
Response: 1787043
Conc: 15.87 ug/ml



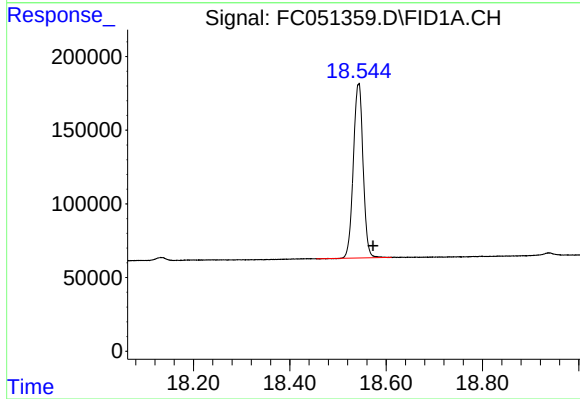
#16 n-Octacosane (C28)

R.T.: 16.826 min
Delta R.T.: -0.030 min
Response: 1778630
Conc: 16.06 ug/ml



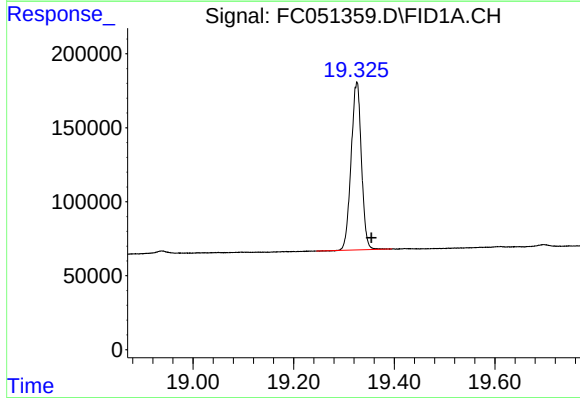
#17 n-Tricontane (C30)

R.T.: 17.711 min
Delta R.T.: -0.031 min
Response: 1758563
Conc: 16.55 ug/ml



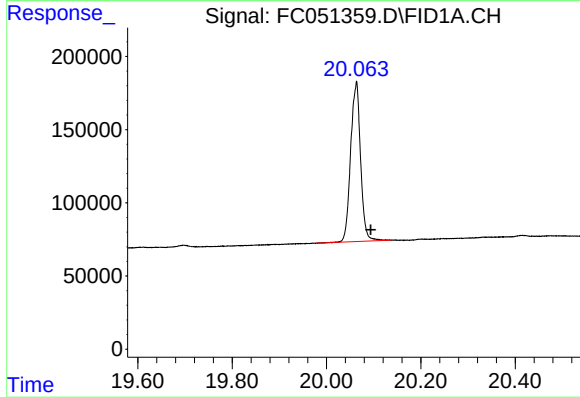
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: -0.030 min
Response: 1665882
Conc: 17.05 ug/ml



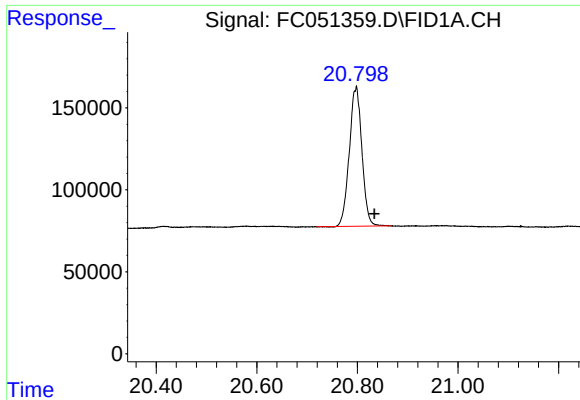
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.029 min
Response: 1611188
Conc: 18.05 ug/ml



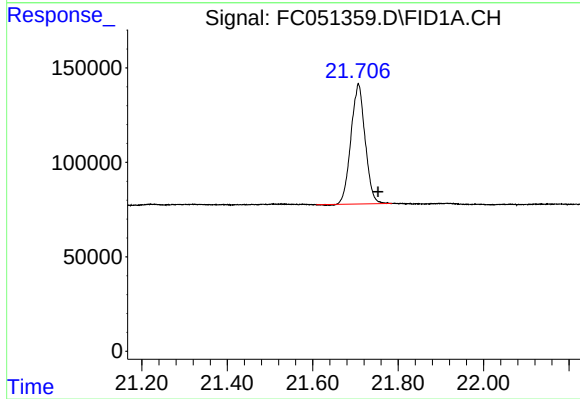
#20 n-Hexatriacontane (C36)

R.T.: 20.063 min
Delta R.T.: -0.031 min
Response: 1586703
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.037 min
Response: 1479680
Conc: 19.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: -0.046 min
Response: 1466243
Conc: 17.71 ug/ml