

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040722AL\
 Data File : FC059109.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2022 11:32
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 07 14:20:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.100	2886172	20.031 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	12.548	2275337	20.298 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
Target Compounds			
1) T n-Nonane (C9)	2.960	2494666	20.357 ug/ml
2) T n-Decane (C10)	4.003	2543693	20.757 ug/ml
3) T A~Naphthalene (C11.7)	5.552	2599951	20.708 ug/ml
4) T n-Dodecane (C12)	6.001	2655732	20.792 ug/ml
5) T A~2-methylnaphthalene...	6.600	2632713	20.536 ug/ml
6) T n-Tetradecane (C14)	7.784	2681078	20.620 ug/ml
7) T n-Hexadecane (C16)	9.375	2704103	20.363 ug/ml
8) T n-Octadecane (C18)	10.809	2710432	20.386 ug/ml
10) T n-Eicosane (C20)	12.111	2667057	20.355 ug/ml
11) T n-Heneicosane (C21)	12.720	2651529	20.322 ug/ml
13) T n-Docosane (C22)	13.303	2664084	20.565 ug/ml
14) T n-Tetracosane (C24)	14.401	2673428	21.163 ug/ml
15) T n-Hexacosane (C26)	15.417	2607991	21.591 ug/ml
16) T n-Octacosane (C28)	16.362	2699226	22.795 ug/ml
17) T n-Tricontane (C30)	17.248	2787768	24.438 ug/ml
18) T n-Dotriacontane (C32)	18.076	2709190	25.289 ug/ml
19) T n-Tetratriacontane (C34)	18.857	2482826	24.573 ug/ml
20) T n-Hexatriacontane (C36)	19.595	2212441	23.155 ug/ml
21) T n-Octatriacontane (C38)	20.293	2084771	22.656 ug/ml
22) T n-Tetracontane (C40)	21.036	2052530	22.085 ug/ml

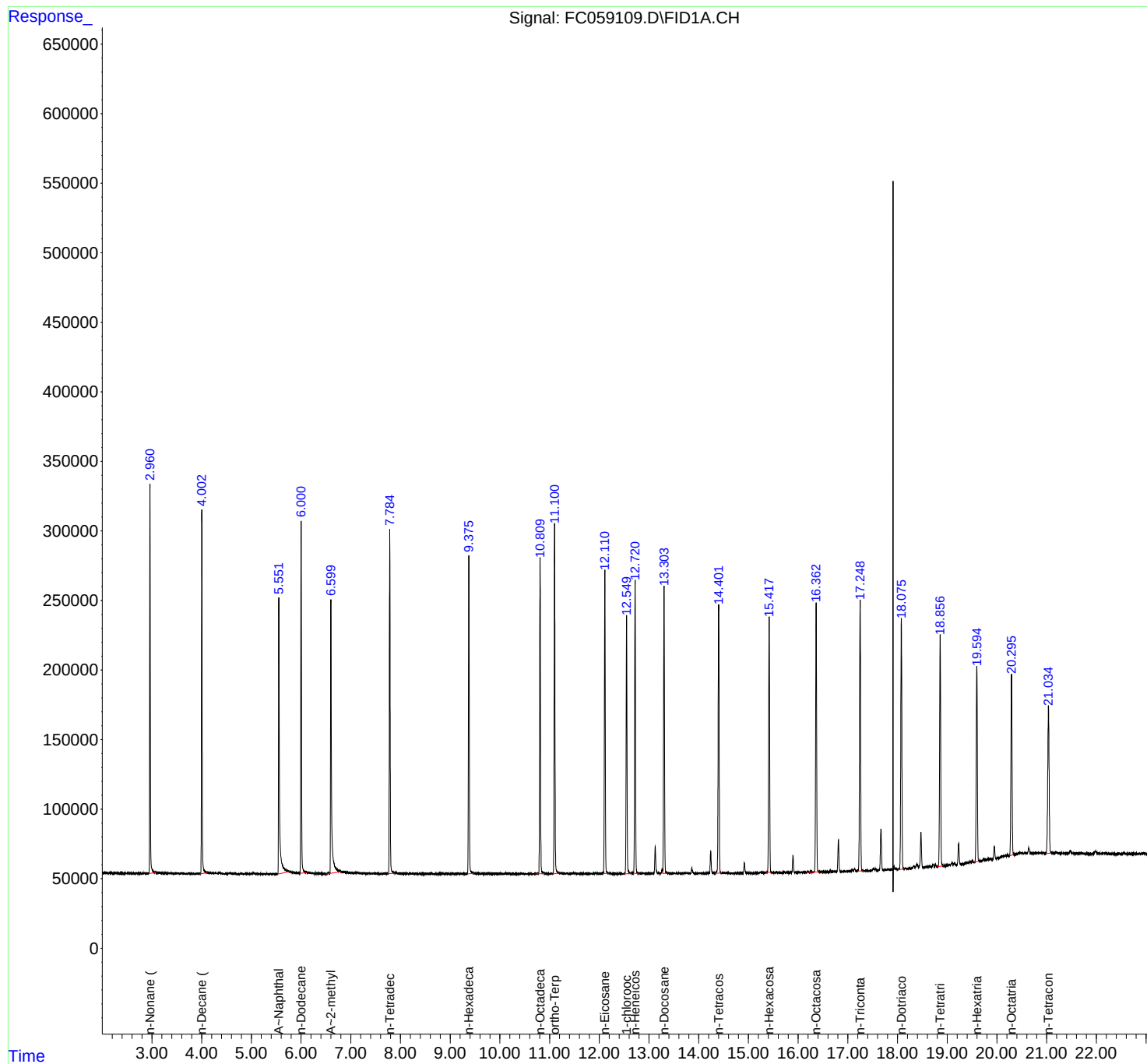
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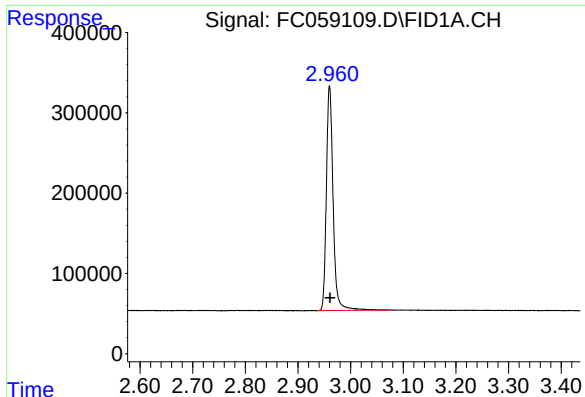
(m)=manual int.

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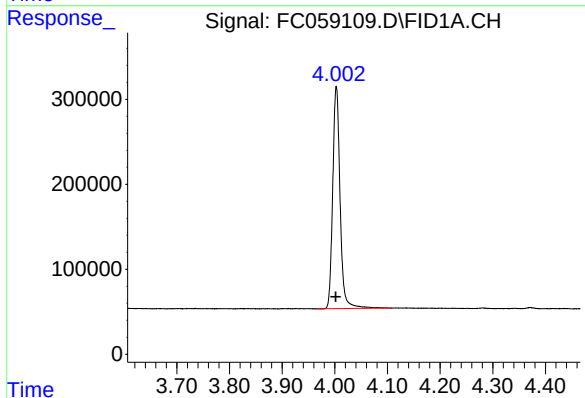
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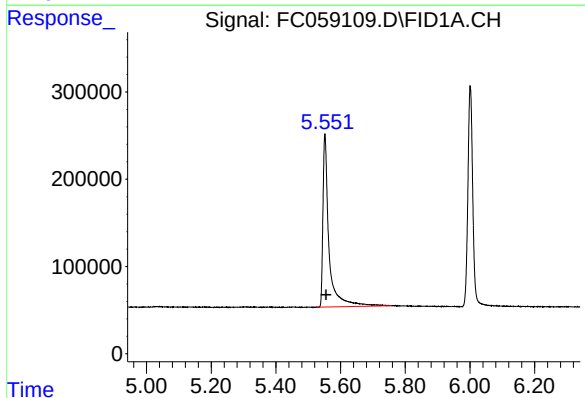
#1 n-Nonane (C9)

R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 2494666
Conc: 20.36 ug/ml



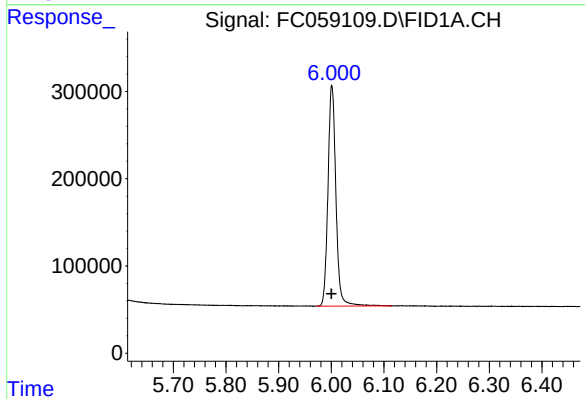
#2 n-Decane (C10)

R.T.: 4.003 min
Delta R.T.: 0.001 min
Response: 2543693
Conc: 20.76 ug/ml



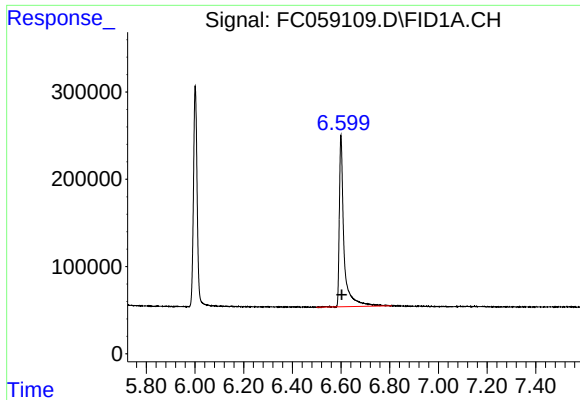
#3 A~Naphthalene (C11.7)

R.T.: 5.552 min
Delta R.T.: -0.003 min
Response: 2599951
Conc: 20.71 ug/ml



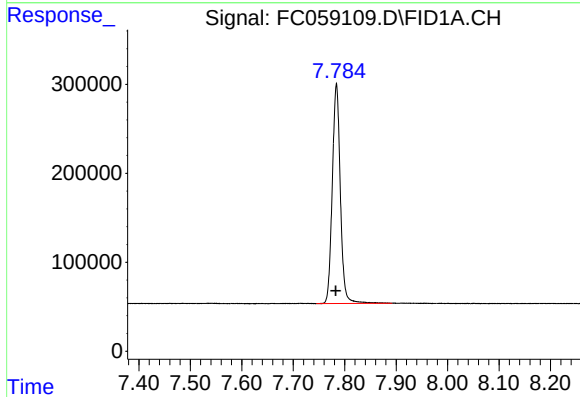
#4 n-Dodecane (C12)

R.T.: 6.001 min
Delta R.T.: 0.001 min
Response: 2655732
Conc: 20.79 ug/ml



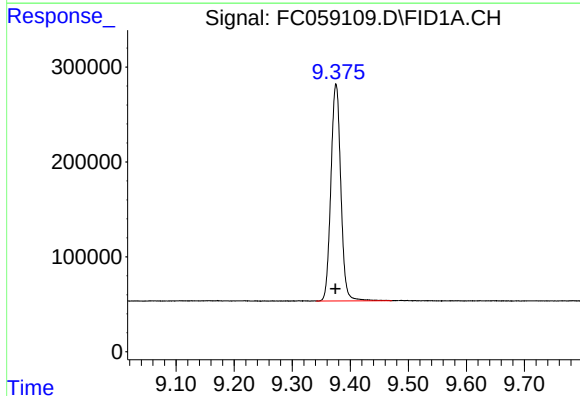
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.600 min
Delta R.T.: -0.003 min
Response: 2632713
Conc: 20.54 ug/ml



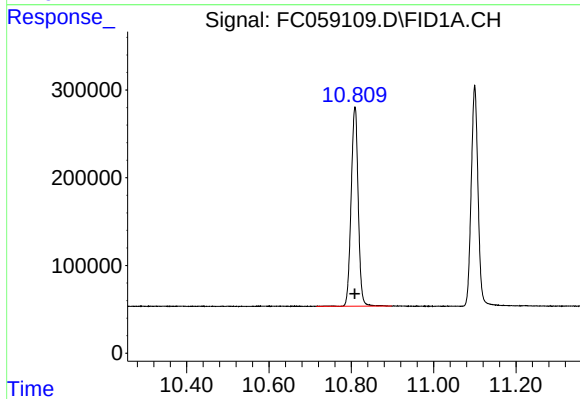
#6 n-Tetradecane (C14)

R.T.: 7.784 min
Delta R.T.: 0.002 min
Response: 2681078
Conc: 20.62 ug/ml



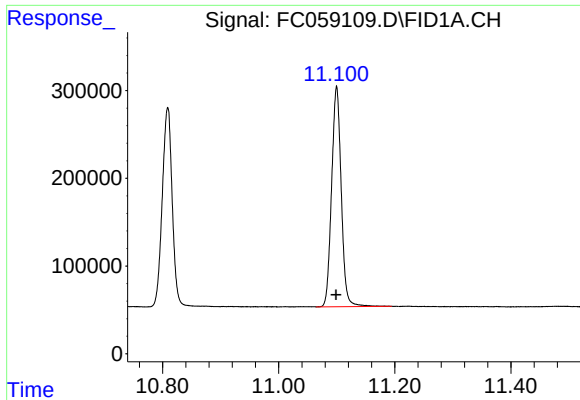
#7 n-Hexadecane (C16)

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 2704103
Conc: 20.36 ug/ml



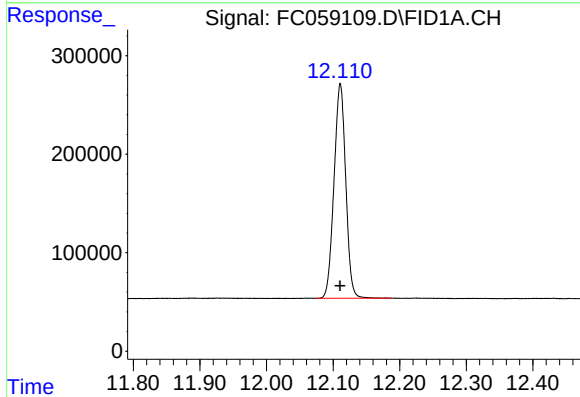
#8 n-Octadecane (C18)

R.T.: 10.809 min
Delta R.T.: 0.000 min
Response: 2710432
Conc: 20.39 ug/ml



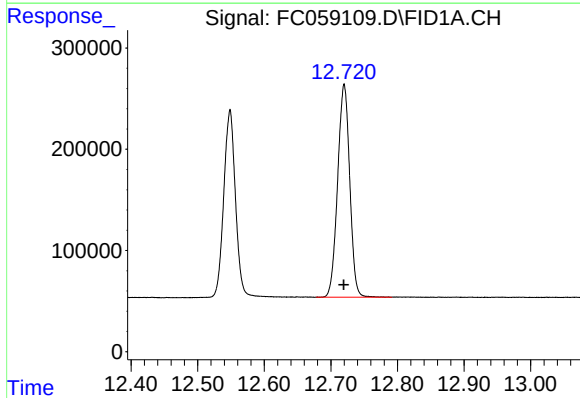
#9 ortho-Terphenyl (SURR)

R.T.: 11.100 min
Delta R.T.: 0.001 min
Response: 2886172
Conc: 20.03 ug/ml



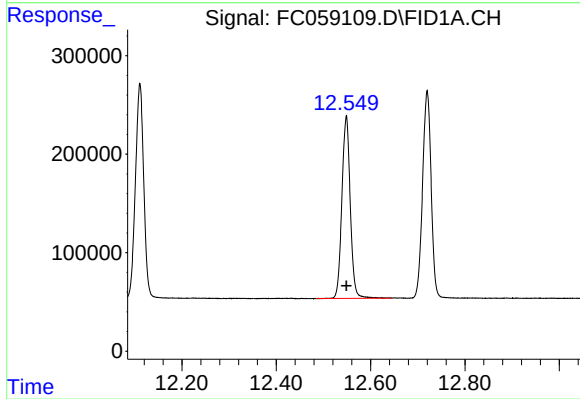
#10 n-Eicosane (C20)

R.T.: 12.111 min
Delta R.T.: 0.000 min
Response: 2667057
Conc: 20.36 ug/ml



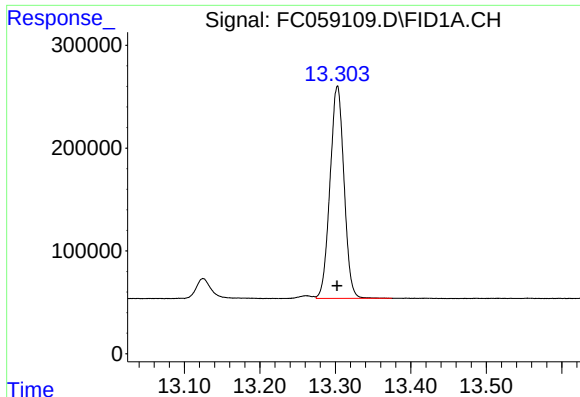
#11 n-Heneicosane (C21)

R.T.: 12.720 min
Delta R.T.: 0.000 min
Response: 2651529
Conc: 20.32 ug/ml



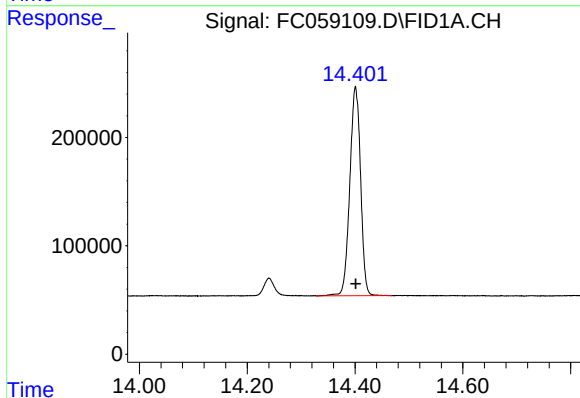
#12 1-chlorooctadecane (SURR)

R.T.: 12.548 min
Delta R.T.: 0.000 min
Response: 2275337
Conc: 20.30 ug/ml



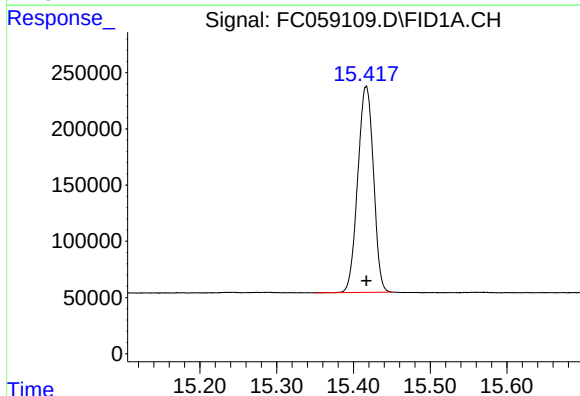
#13 n-Docosane (C22)

R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 2664084
Conc: 20.57 ug/ml



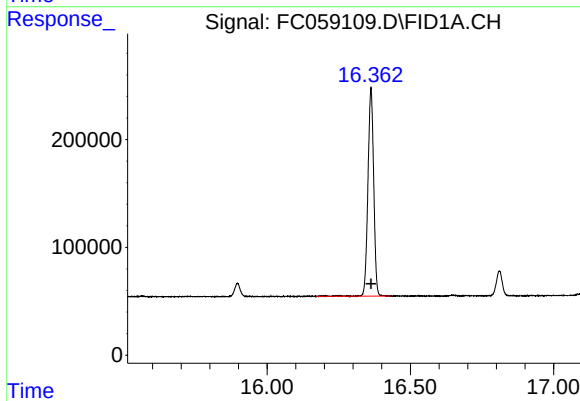
#14 n-Tetracosane (C24)

R.T.: 14.401 min
Delta R.T.: 0.000 min
Response: 2673428
Conc: 21.16 ug/ml



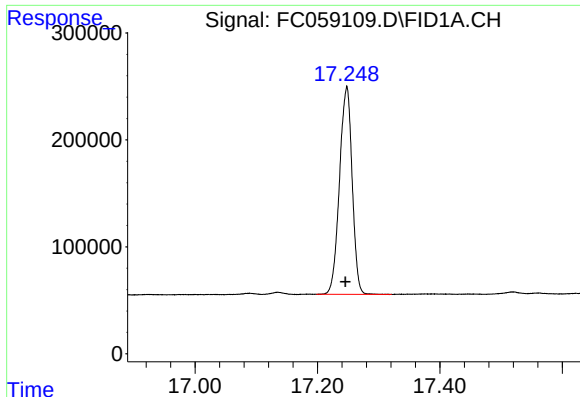
#15 n-Hexacosane (C26)

R.T.: 15.417 min
Delta R.T.: 0.000 min
Response: 2607991
Conc: 21.59 ug/ml



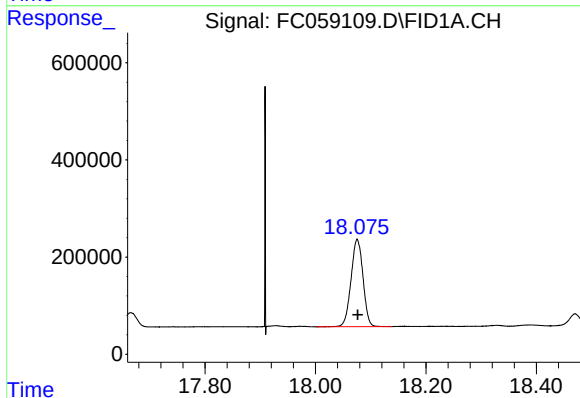
#16 n-Octacosane (C28)

R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 2699226
Conc: 22.80 ug/ml



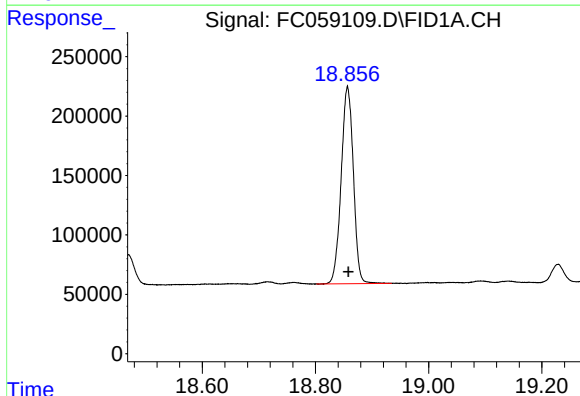
#17 n-Tricontane (C30)

R.T.: 17.248 min
Delta R.T.: 0.002 min
Response: 2787768
Conc: 24.44 ug/ml



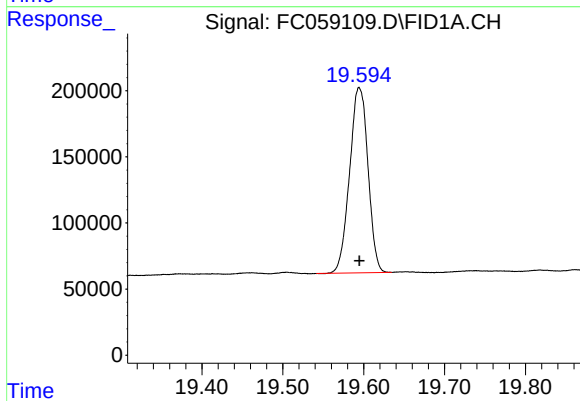
#18 n-Dotriacontane (C32)

R.T.: 18.076 min
Delta R.T.: 0.000 min
Response: 2709190
Conc: 25.29 ug/ml



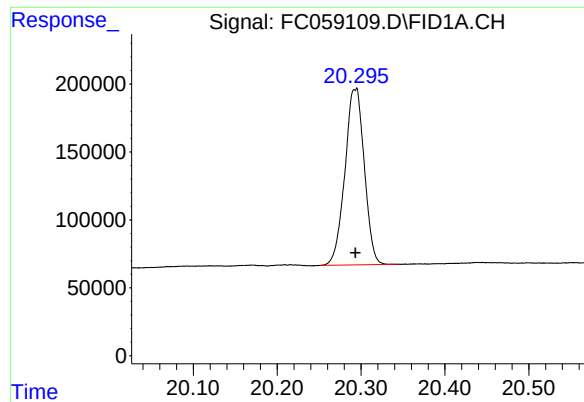
#19 n-Tetratriacontane (C34)

R.T.: 18.857 min
Delta R.T.: -0.001 min
Response: 2482826
Conc: 24.57 ug/ml



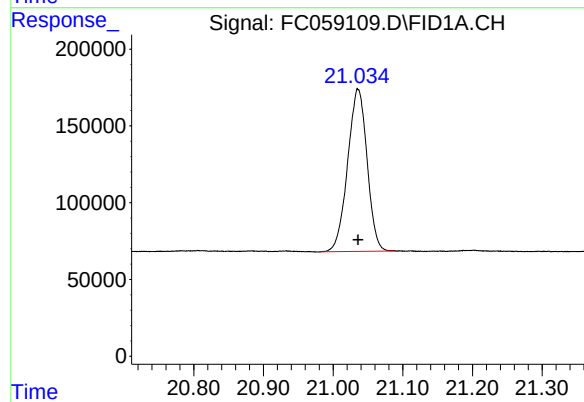
#20 n-Hexatriacontane (C36)

R.T.: 19.595 min
Delta R.T.: 0.000 min
Response: 2212441
Conc: 23.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 2084771
Conc: 22.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: 0.000 min
Response: 2052530
Conc: 22.08 ug/ml