

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040422AL\
 Data File : FC059040.D
 Signal(s) : FID1A.CH
 Acq On : 05 Apr 2022 4:15
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 05 04:46:42 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	2883827	20.015 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
12) S 1-chlorooctadecane (S...	12.548	2255421	20.121 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	2.957	2405084	19.626 ug/ml
2) T n-Decane (C10)	4.000	2463060	20.099 ug/ml
3) T A~Naphthalene (C11.7)	5.549	2579609	20.546 ug/ml
4) T n-Dodecane (C12)	6.000	2562884	20.065 ug/ml
5) T A~2-methylnaphthalene...	6.598	2558189	19.955 ug/ml
6) T n-Tetradecane (C14)	7.783	2583798	19.872 ug/ml
7) T n-Hexadecane (C16)	9.375	2639026	19.873 ug/ml
8) T n-Octadecane (C18)	10.809	2666181	20.053 ug/ml
10) T n-Eicosane (C20)	12.112	2639551	20.146 ug/ml
11) T n-Heneicosane (C21)	12.721	2640386	20.236 ug/ml
13) T n-Docosane (C22)	13.303	2648871	20.448 ug/ml
14) T n-Tetracosane (C24)	14.401	2643990	20.930 ug/ml
15) T n-Hexacosane (C26)	15.417	2569753	21.274 ug/ml
16) T n-Octacosane (C28)	16.364	2606505	22.012 ug/ml
17) T n-Tricontane (C30)	17.248	2649740	23.228 ug/ml
18) T n-Dotriacontane (C32)	18.077	2524197	23.562 ug/ml
19) T n-Tetratriacontane (C34)	18.857	2295514	22.720 ug/ml
20) T n-Hexatriacontane (C36)	19.594	2070135	21.666 ug/ml
21) T n-Octatriacontane (C38)	20.293	2061992	22.408 ug/ml
22) T n-Tetracontane (C40)	21.034	1973859	21.238 ug/ml

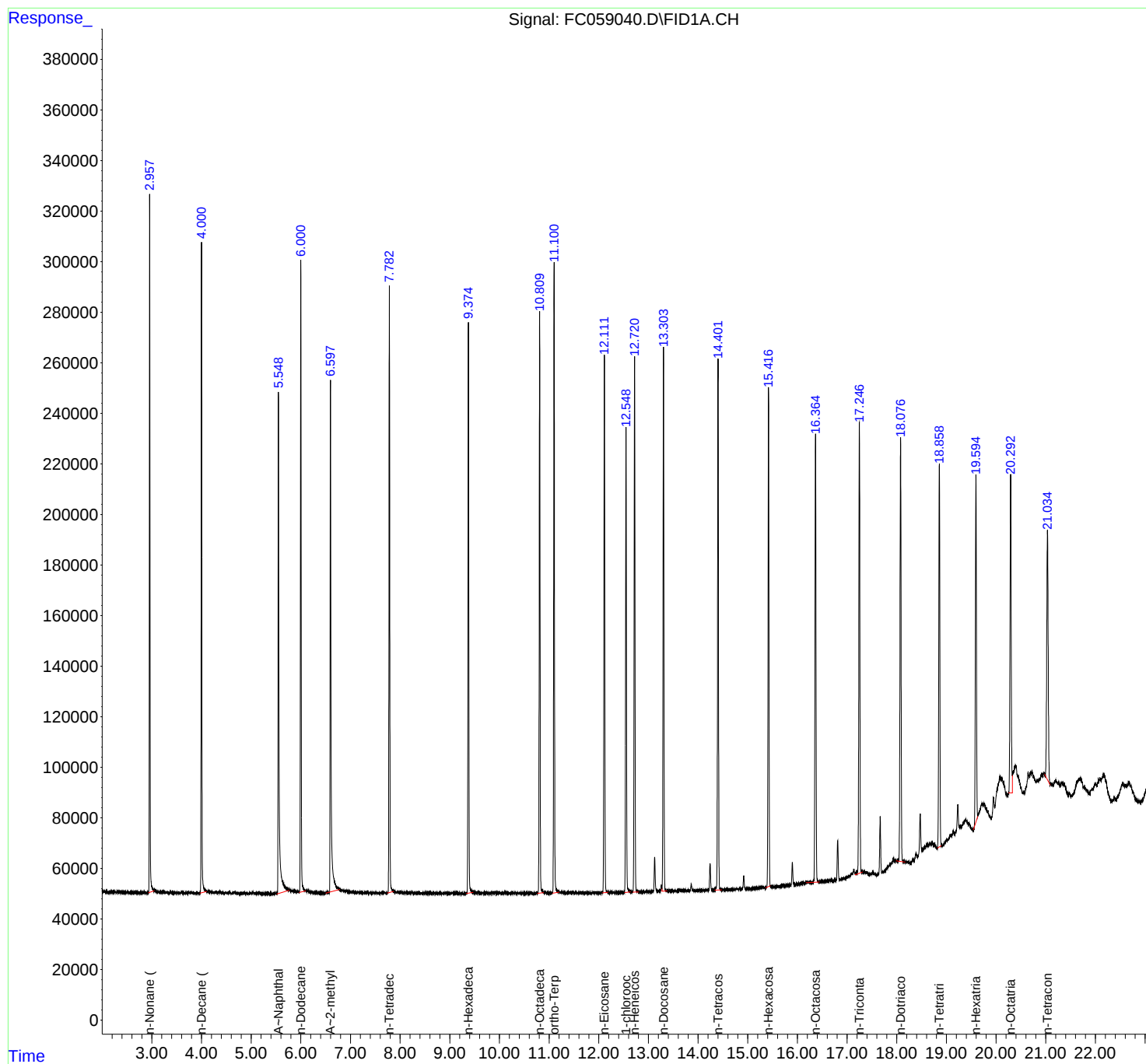
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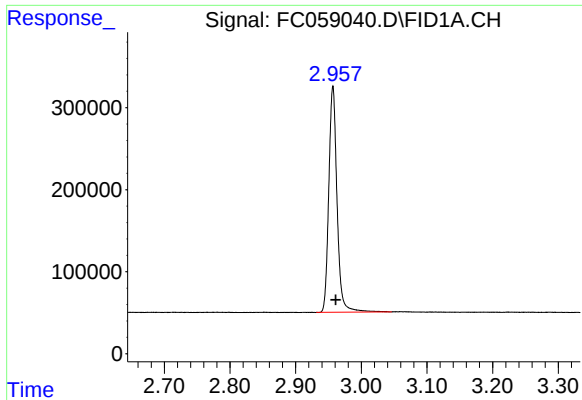
(m)=manual int.

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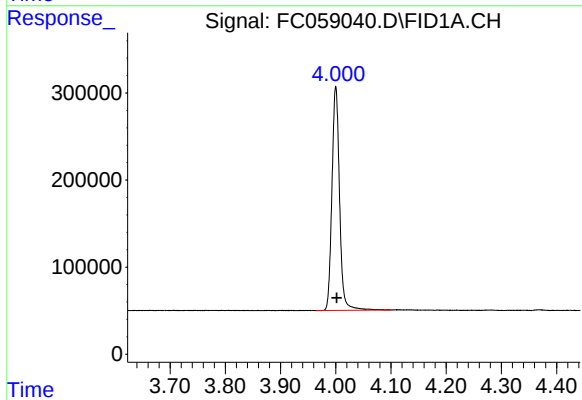
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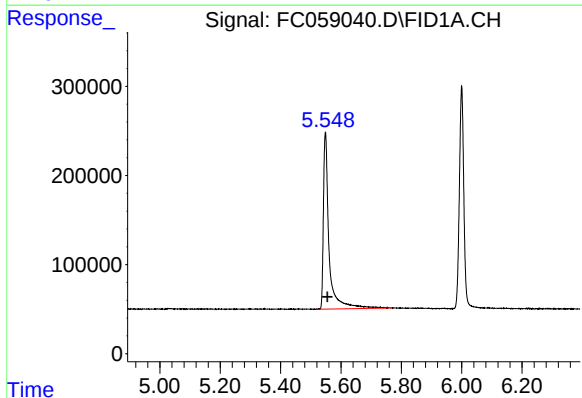
#1 n-Nonane (C9)

R.T.: 2.957 min
Delta R.T.: -0.004 min
Response: 2405084
Conc: 19.63 ug/ml



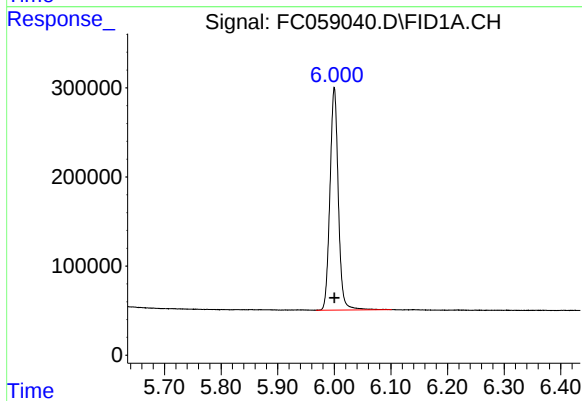
#2 n-Decane (C10)

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 2463060
Conc: 20.10 ug/ml



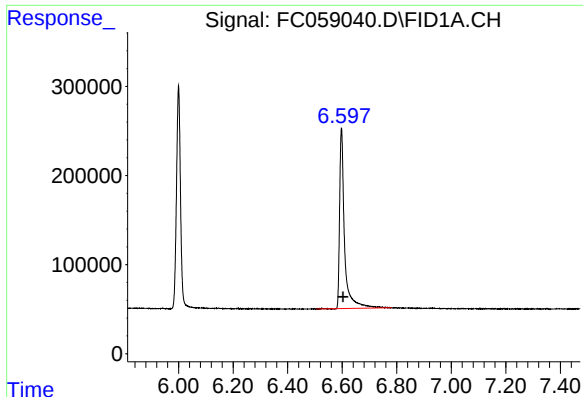
#3 A~Naphthalene (C11.7)

R.T.: 5.549 min
Delta R.T.: -0.006 min
Response: 2579609
Conc: 20.55 ug/ml



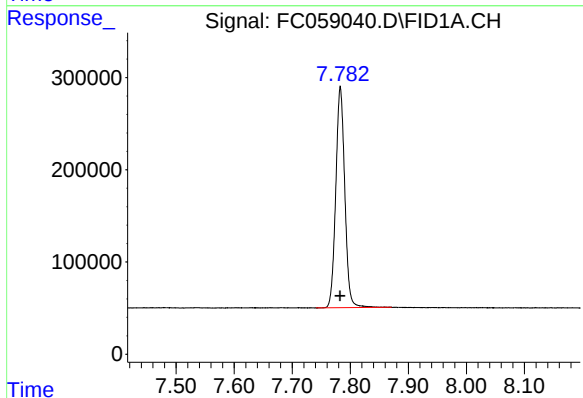
#4 n-Dodecane (C12)

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 2562884
Conc: 20.07 ug/ml



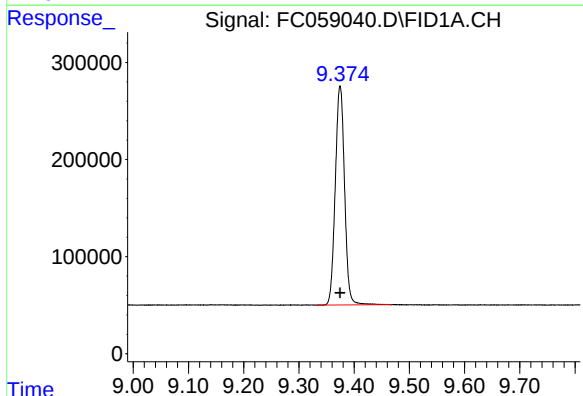
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.598 min
Delta R.T.: -0.005 min
Response: 2558189
Conc: 19.95 ug/ml



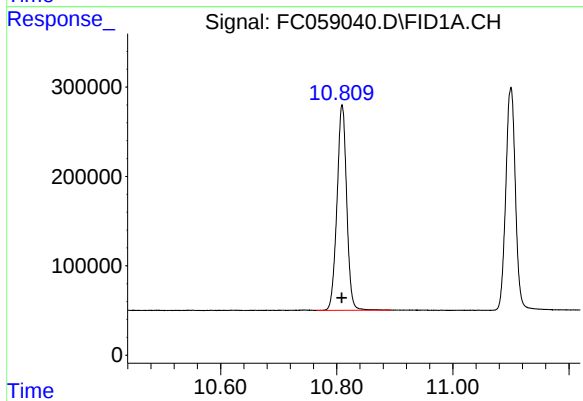
#6 n-Tetradecane (C14)

R.T.: 7.783 min
Delta R.T.: 0.000 min
Response: 2583798
Conc: 19.87 ug/ml



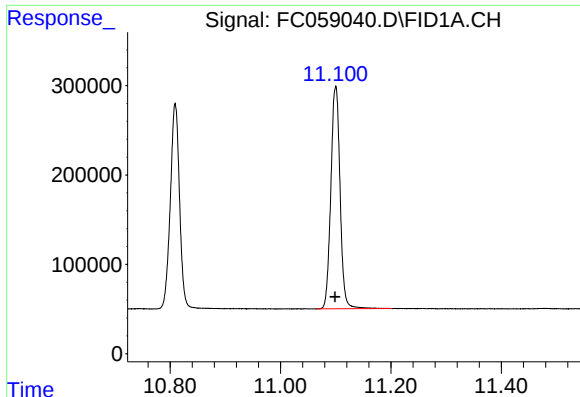
#7 n-Hexadecane (C16)

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 2639026
Conc: 19.87 ug/ml



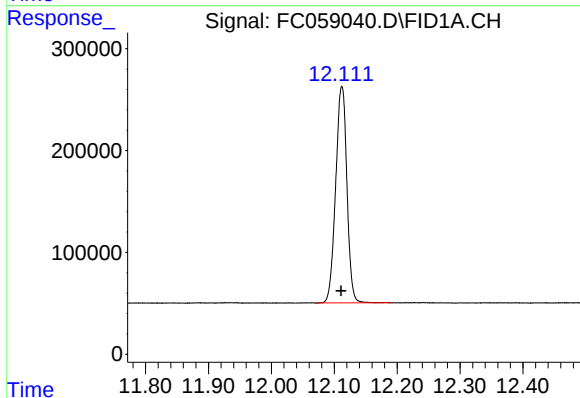
#8 n-Octadecane (C18)

R.T.: 10.809 min
Delta R.T.: 0.000 min
Response: 2666181
Conc: 20.05 ug/ml



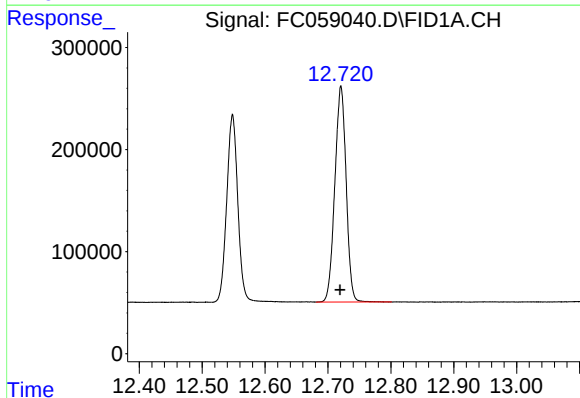
#9 ortho-Terphenyl (SURR)

R.T.: 11.100 min
Delta R.T.: 0.001 min
Response: 2883827
Conc: 20.02 ug/ml



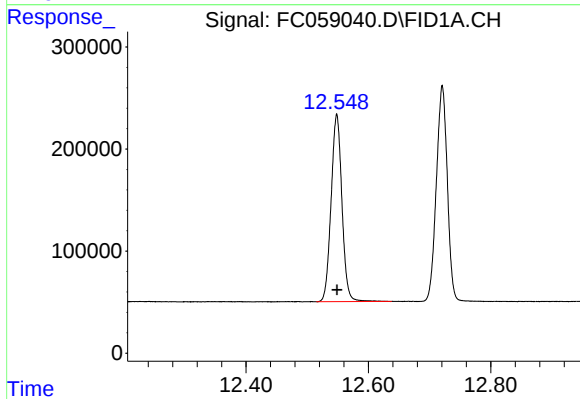
#10 n-Eicosane (C20)

R.T.: 12.112 min
Delta R.T.: 0.001 min
Response: 2639551
Conc: 20.15 ug/ml



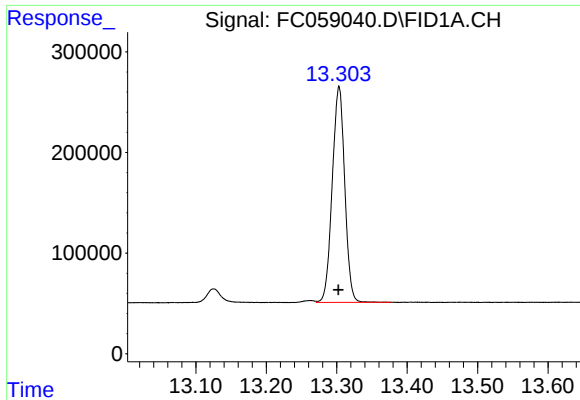
#11 n-Heneicosane (C21)

R.T.: 12.721 min
Delta R.T.: 0.001 min
Response: 2640386
Conc: 20.24 ug/ml



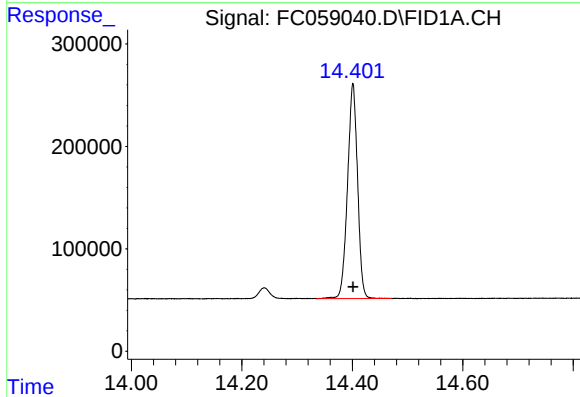
#12 1-chlorooctadecane (SURR)

R.T.: 12.548 min
Delta R.T.: 0.000 min
Response: 2255421
Conc: 20.12 ug/ml



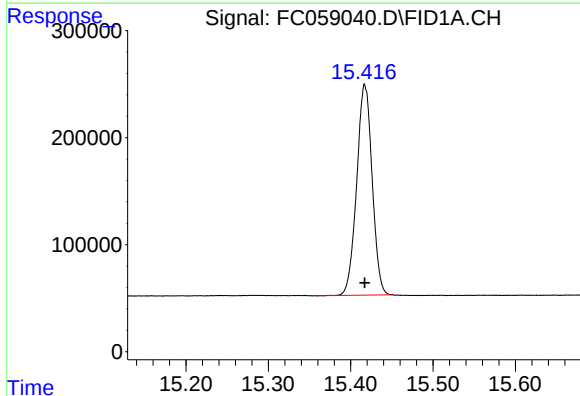
#13 n-Docosane (C22)

R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 2648871
Conc: 20.45 ug/ml



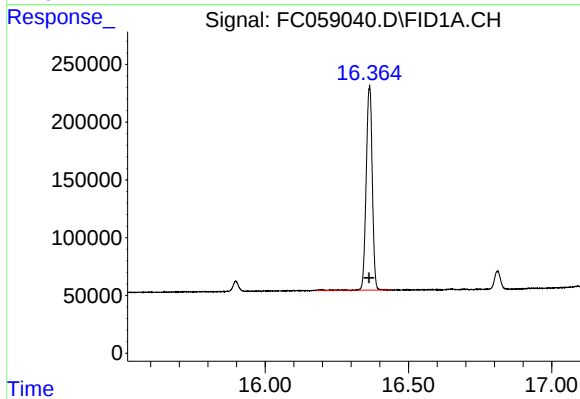
#14 n-Tetracosane (C24)

R.T.: 14.401 min
Delta R.T.: 0.000 min
Response: 2643990
Conc: 20.93 ug/ml



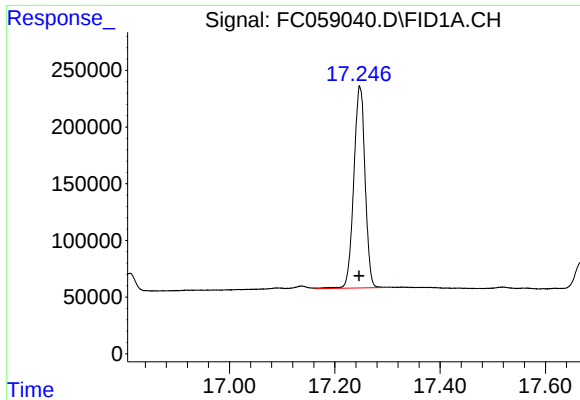
#15 n-Hexacosane (C26)

R.T.: 15.417 min
Delta R.T.: 0.000 min
Response: 2569753
Conc: 21.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.364 min
Delta R.T.: 0.001 min
Response: 2606505
Conc: 22.01 ug/ml



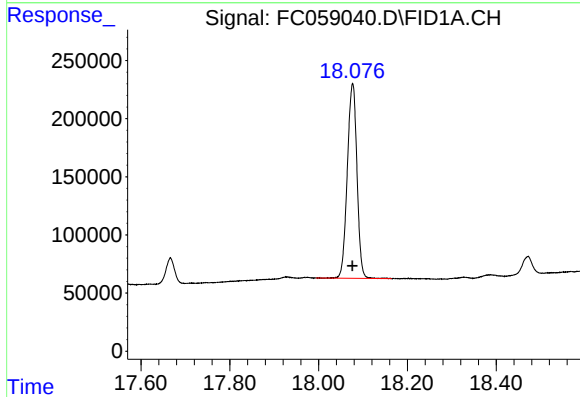
#17 n-Tricontane (C30)

R.T.: 17.248 min

Delta R.T.: 0.002 min

Response: 2649740

Conc: 23.23 ug/ml



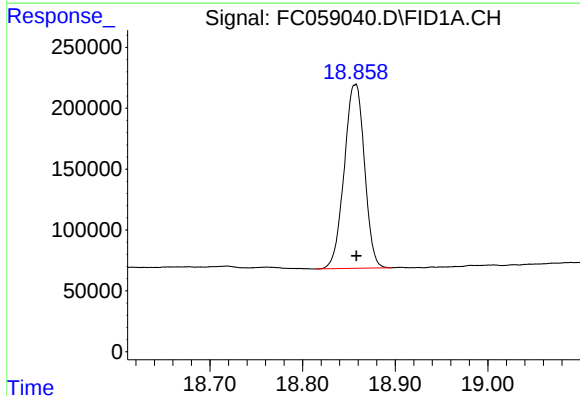
#18 n-Dotriacontane (C32)

R.T.: 18.077 min

Delta R.T.: 0.000 min

Response: 2524197

Conc: 23.56 ug/ml



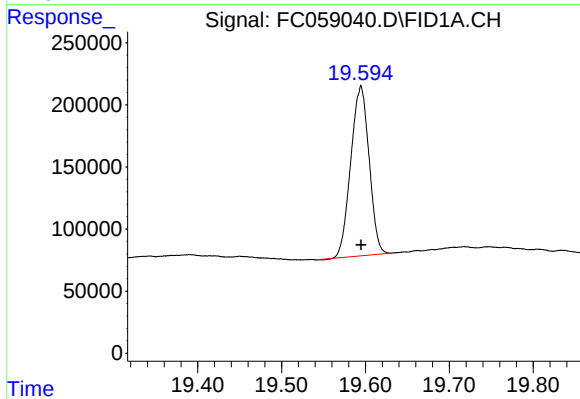
#19 n-Tetratriacontane (C34)

R.T.: 18.857 min

Delta R.T.: -0.001 min

Response: 2295514

Conc: 22.72 ug/ml



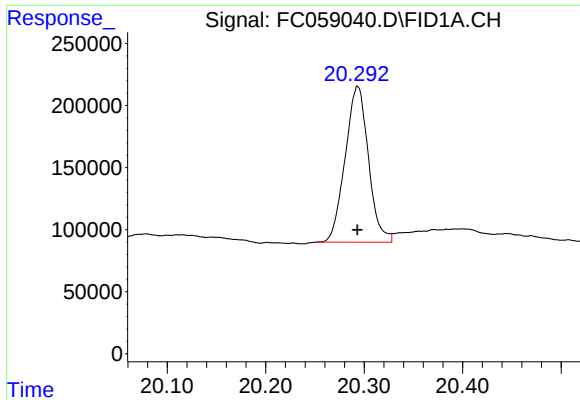
#20 n-Hexatriacontane (C36)

R.T.: 19.594 min

Delta R.T.: 0.000 min

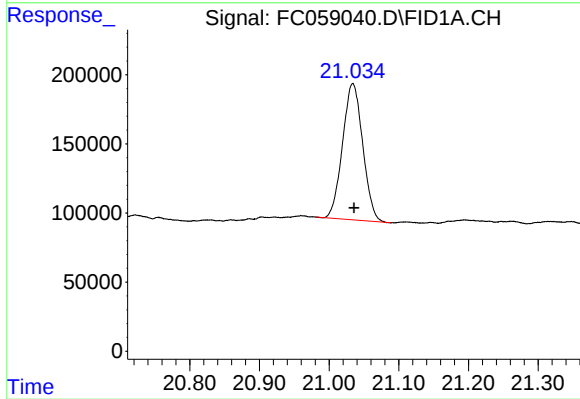
Response: 2070135

Conc: 21.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 2061992
Conc: 22.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.034 min
Delta R.T.: -0.002 min
Response: 1973859
Conc: 21.24 ug/ml