

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042122AL\
 Data File : FC059346.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2022 17:40
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 19:08:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.097	3046720	18.960 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
12) S 1-chlorooctadecane (S...	12.545	2476110	18.962 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
Target Compounds			
1) T n-Nonane (C9)	2.962	2419560	19.306 ug/ml
2) T n-Decane (C10)	4.003	2388948	19.122 ug/ml
3) T A~Naphthalene (C11.7)	5.553	2423260	19.755 ug/ml
4) T n-Dodecane (C12)	6.000	2523480	19.136 ug/ml
5) T A~2-methylnaphthalene...	6.601	2442815	19.356 ug/ml
6) T n-Tetradecane (C14)	7.782	2570970	19.007 ug/ml
7) T n-Hexadecane (C16)	9.372	2655115	18.905 ug/ml
8) T n-Octadecane (C18)	10.806	2755739	18.865 ug/ml
10) T n-Eicosane (C20)	12.107	2824468	18.833 ug/ml
11) T n-Heneicosane (C21)	12.716	2874962	18.900 ug/ml
13) T n-Docosane (C22)	13.299	2905321	18.961 ug/ml
14) T n-Tetracosane (C24)	14.397	2938978	18.981 ug/ml
15) T n-Hexacosane (C26)	15.413	2940034	19.076 ug/ml
16) T n-Octacosane (C28)	16.358	2964138	19.148 ug/ml
17) T n-Tricontane (C30)	17.241	2906709	19.137 ug/ml
18) T n-Dotriacontane (C32)	18.071	2732823	19.395 ug/ml
19) T n-Tetratriacontane (C34)	18.850	2498078	19.765 ug/ml
20) T n-Hexatriacontane (C36)	19.588	2227395	20.364 ug/ml
21) T n-Octatriacontane (C38)	20.286	1966281	21.113 ug/ml
22) T n-Tetracontane (C40)	21.026	1820751	21.798 ug/ml

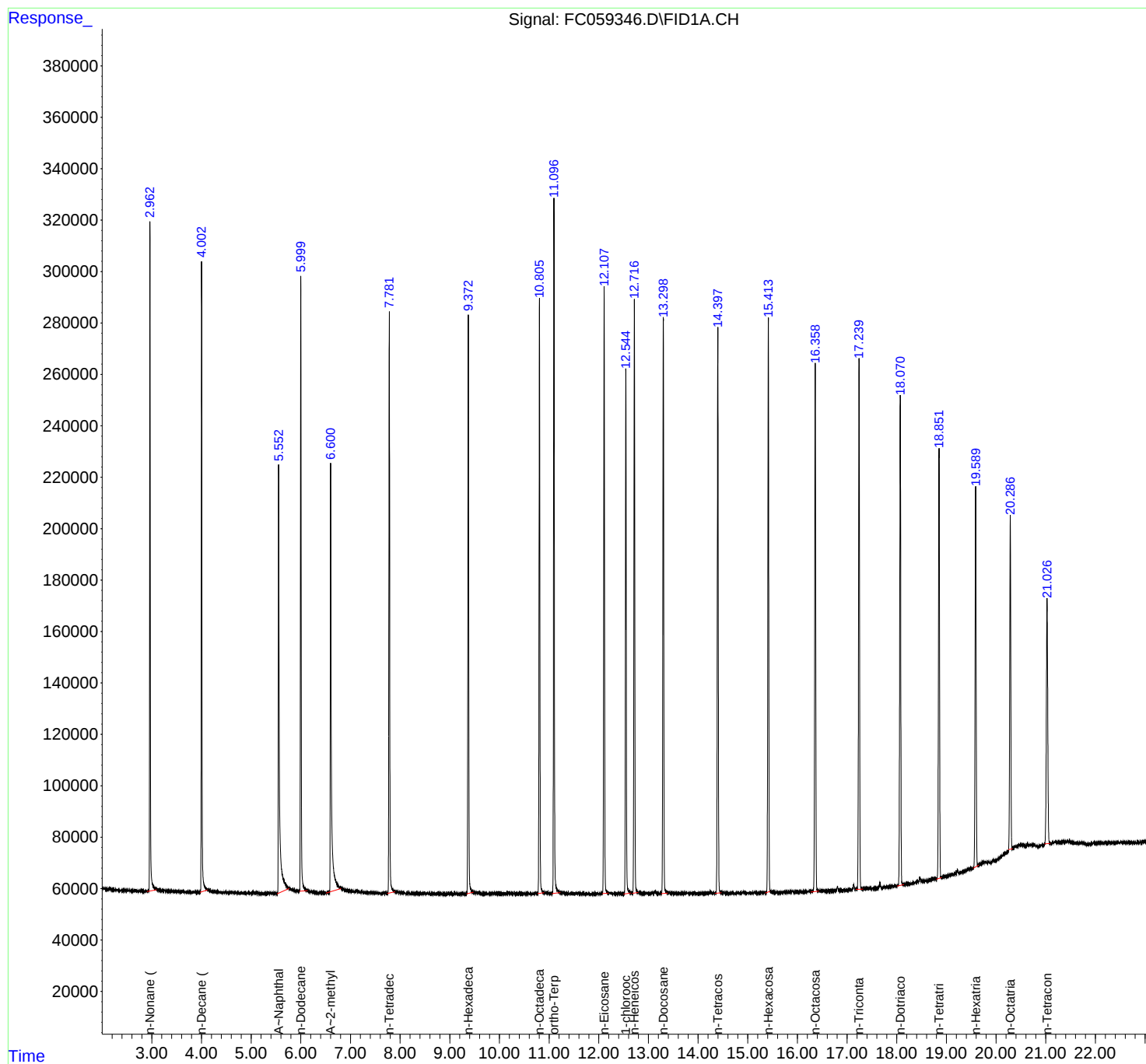
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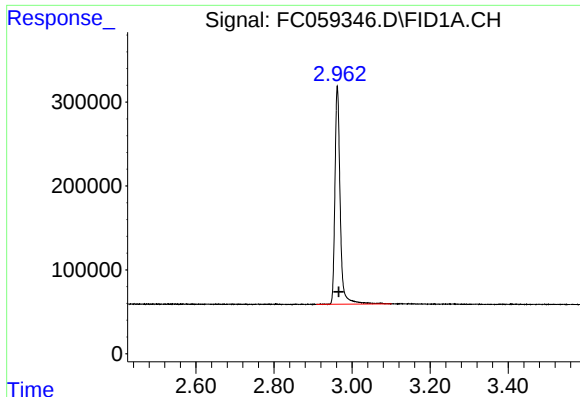
(m)=manual int.

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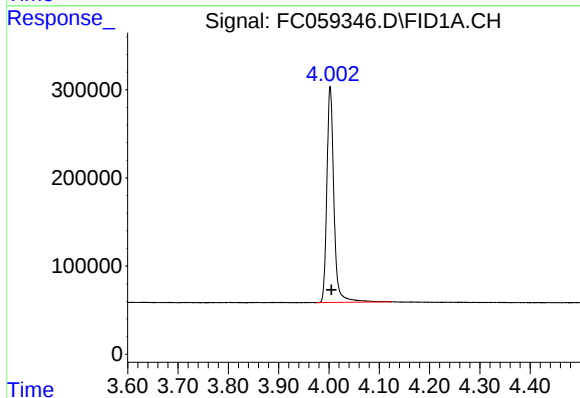
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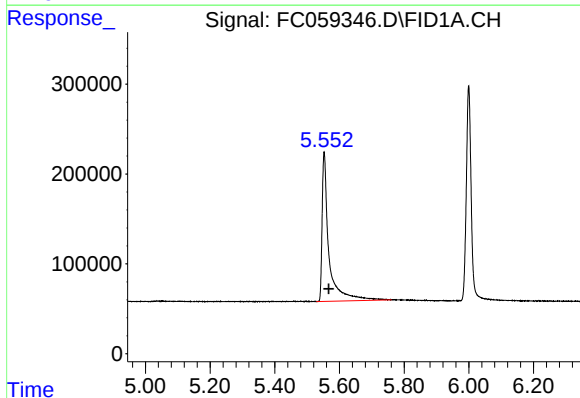
#1 n-Nonane (C9)

R.T.: 2.962 min
Delta R.T.: -0.004 min
Response: 2419560
Conc: 19.31 ug/ml



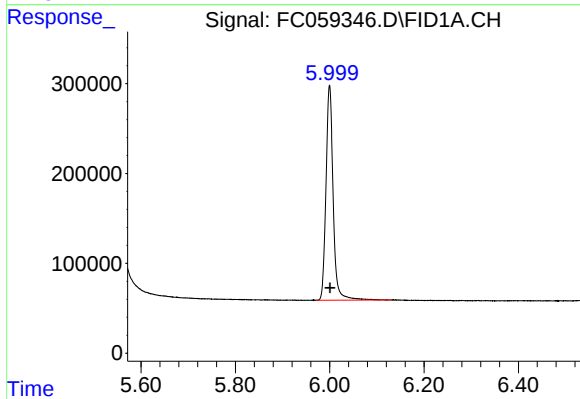
#2 n-Decane (C10)

R.T.: 4.003 min
Delta R.T.: -0.003 min
Response: 2388948
Conc: 19.12 ug/ml



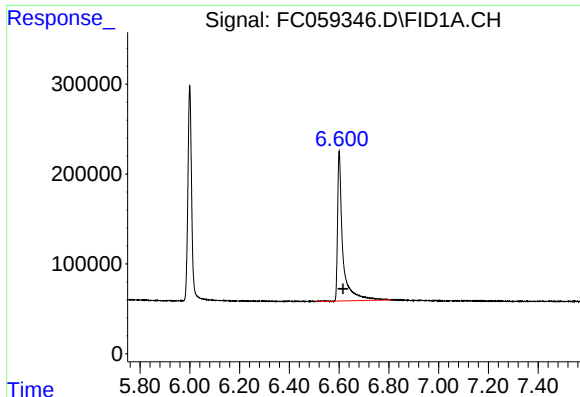
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.014 min
Response: 2423260
Conc: 19.75 ug/ml



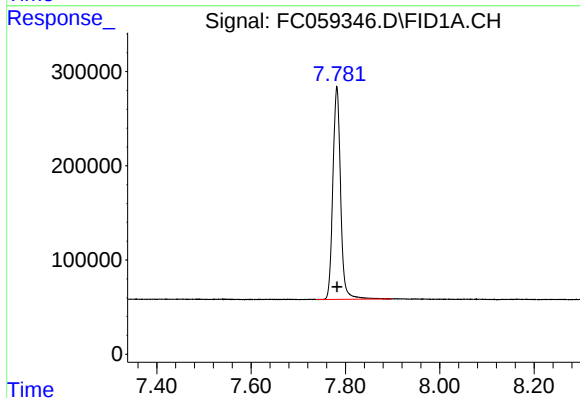
#4 n-Dodecane (C12)

R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 2523480
Conc: 19.14 ug/ml



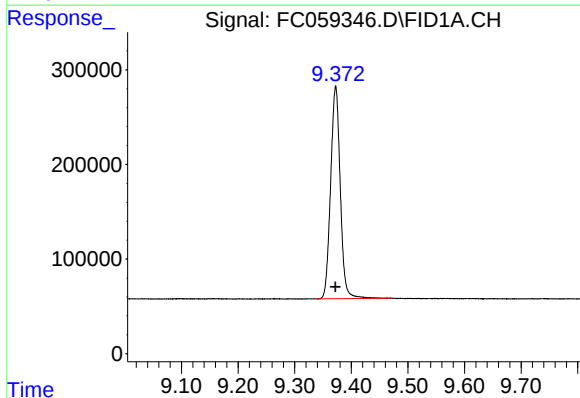
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.601 min
Delta R.T.: -0.015 min
Response: 2442815
Conc: 19.36 ug/ml



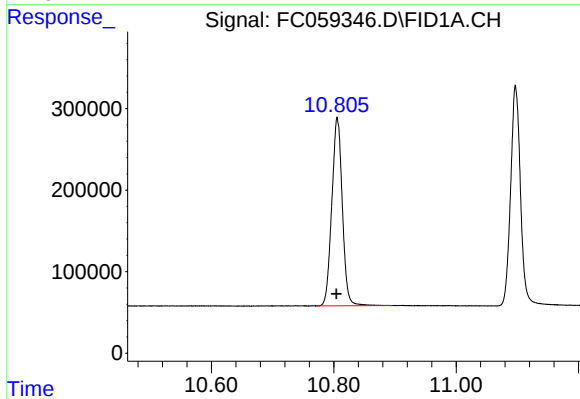
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 2570970
Conc: 19.01 ug/ml



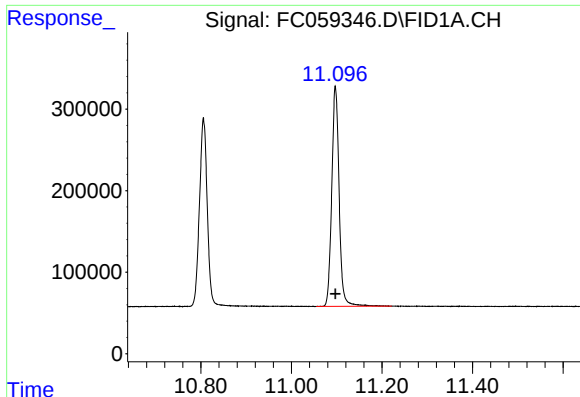
#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 2655115
Conc: 18.91 ug/ml



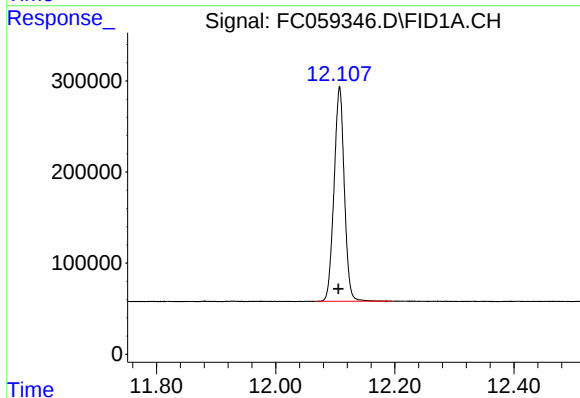
#8 n-Octadecane (C18)

R.T.: 10.806 min
Delta R.T.: 0.001 min
Response: 2755739
Conc: 18.87 ug/ml



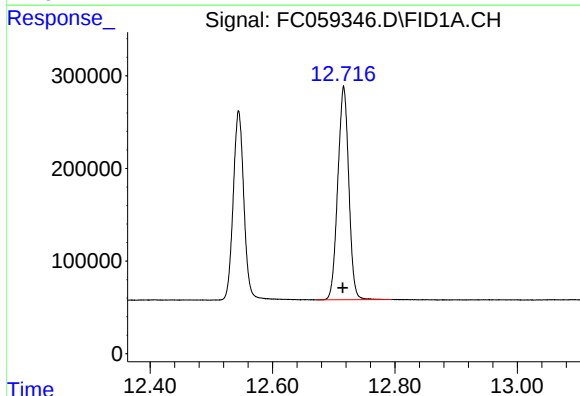
#9 ortho-Terphenyl (SURR)

R.T.: 11.097 min
Delta R.T.: 0.000 min
Response: 3046720
Conc: 18.96 ug/ml



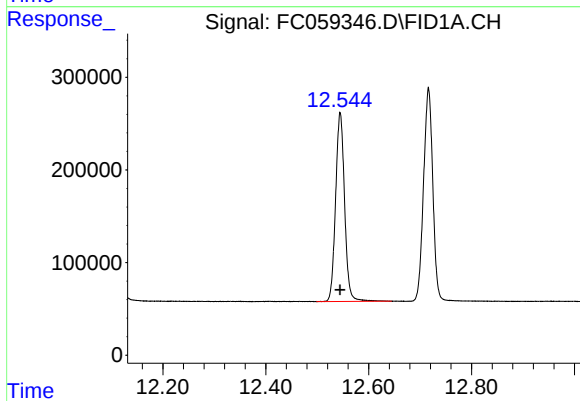
#10 n-Eicosane (C20)

R.T.: 12.107 min
Delta R.T.: 0.002 min
Response: 2824468
Conc: 18.83 ug/ml



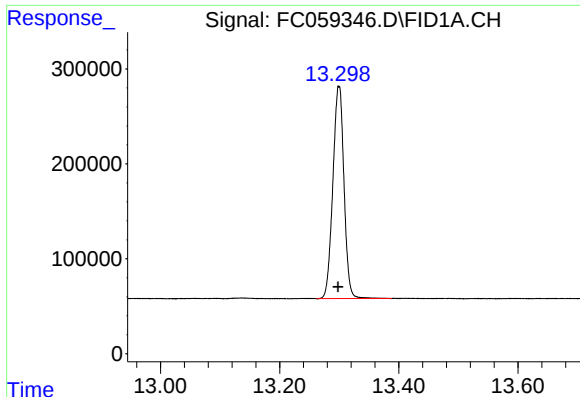
#11 n-Heneicosane (C21)

R.T.: 12.716 min
Delta R.T.: 0.002 min
Response: 2874962
Conc: 18.90 ug/ml



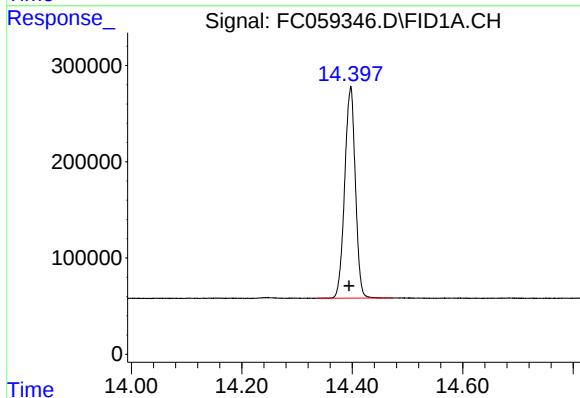
#12 1-chlorooctadecane (SURR)

R.T.: 12.545 min
Delta R.T.: 0.000 min
Response: 2476110
Conc: 18.96 ug/ml



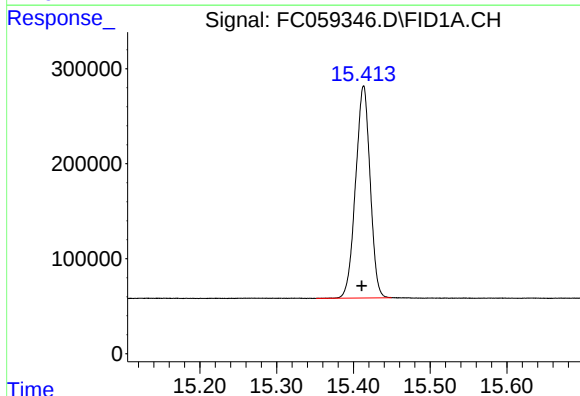
#13 n-Docosane (C22)

R.T.: 13.299 min
Delta R.T.: 0.001 min
Response: 2905321
Conc: 18.96 ug/ml



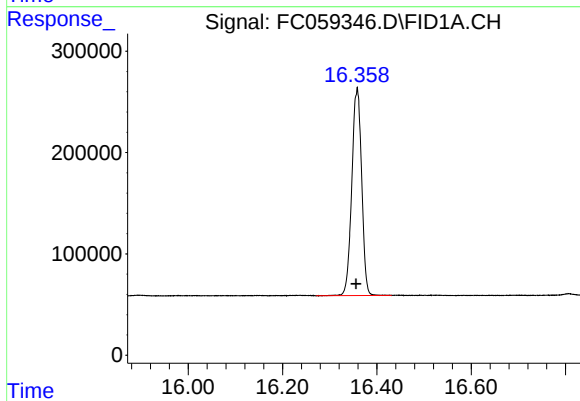
#14 n-Tetracosane (C24)

R.T.: 14.397 min
Delta R.T.: 0.003 min
Response: 2938978
Conc: 18.98 ug/ml



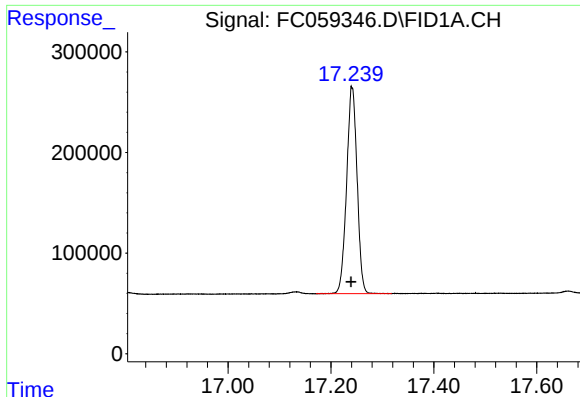
#15 n-Hexacosane (C26)

R.T.: 15.413 min
Delta R.T.: 0.002 min
Response: 2940034
Conc: 19.08 ug/ml



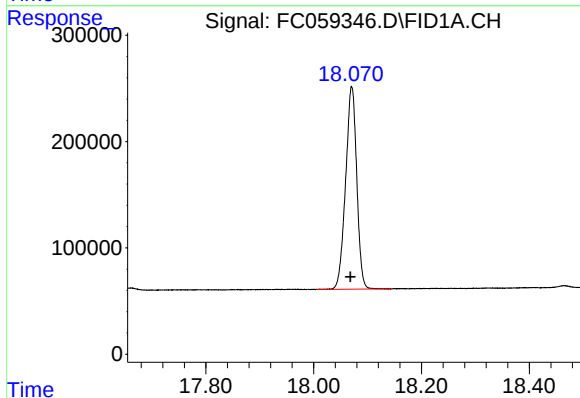
#16 n-Octacosane (C28)

R.T.: 16.358 min
Delta R.T.: 0.002 min
Response: 2964138
Conc: 19.15 ug/ml



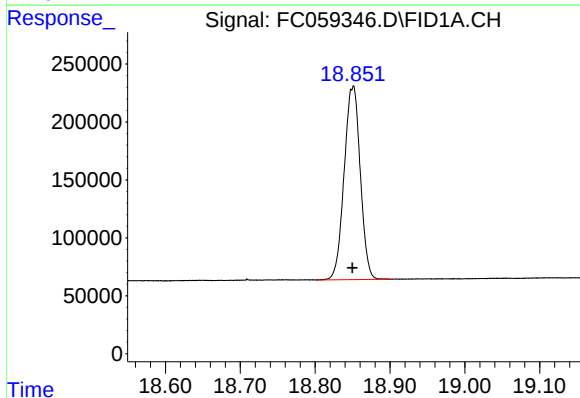
#17 n-Tricontane (C30)

R.T.: 17.241 min
Delta R.T.: 0.002 min
Response: 2906709
Conc: 19.14 ug/ml



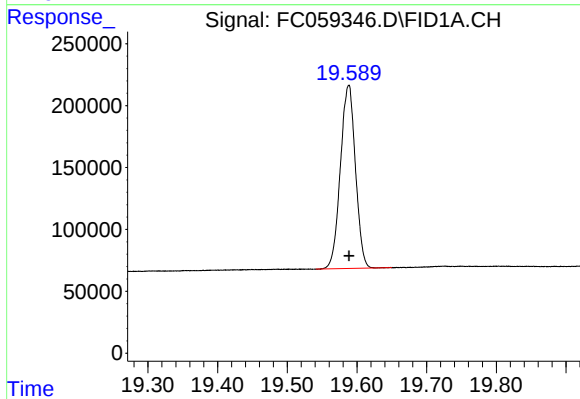
#18 n-Dotriacontane (C32)

R.T.: 18.071 min
Delta R.T.: 0.002 min
Response: 2732823
Conc: 19.40 ug/ml



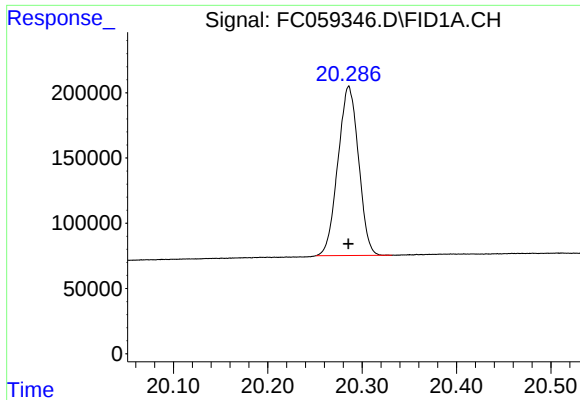
#19 n-Tetratriacontane (C34)

R.T.: 18.850 min
Delta R.T.: 0.000 min
Response: 2498078
Conc: 19.77 ug/ml



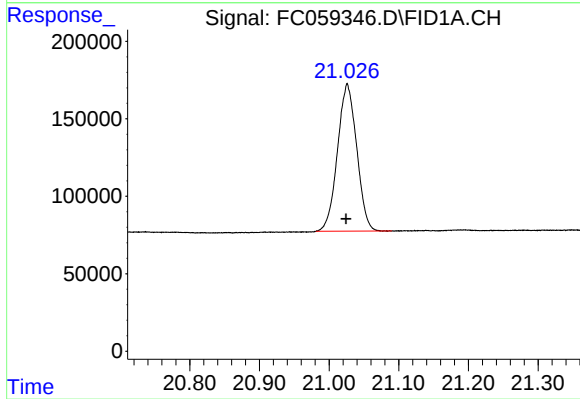
#20 n-Hexatriacontane (C36)

R.T.: 19.588 min
Delta R.T.: 0.000 min
Response: 2227395
Conc: 20.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.286 min
Delta R.T.: 0.000 min
Response: 1966281
Conc: 21.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.026 min
Delta R.T.: 0.002 min
Response: 1820751
Conc: 21.80 ug/ml