

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092021AL\
 Data File : FC055708.D
 Signal(s) : FID1A.CH
 Acq On : 20 Sep 2021 17:27
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 02:38:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 02:36:07 2021
 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)	11.648	651991	5.195 ug/ml
Spiked Amount 50.000		Recovery =	10.39%
12) S 1-chlorooctadecane (S...	13.082	504454	5.115 ug/ml
Spiked Amount 50.000		Recovery =	10.23%
Target Compounds			
1) T n-Nonane (C9)	3.397	574527	5.216 ug/ml
2) T n-Decane (C10)	4.467	579662	5.215 ug/ml
3) T A~Naphthalene (C11.7)	6.060	648081	5.202 ug/ml
4) T n-Dodecane (C12)	6.487	576520	5.181 ug/ml
5) T A~2-methylnaphthalene...	7.117	649865	5.180 ug/ml
6) T n-Tetradecane (C14)	8.284	581651	5.166 ug/ml
7) T n-Hexadecane (C16)	9.885	586170	5.161 ug/ml
8) T n-Octadecane (C18)	11.327	618000	5.244 ug/ml
10) T n-Eicosane (C20)	12.636	607894	5.175 ug/ml
11) T n-Heneicosane (C21)	13.248	613990	5.172 ug/ml
13) T n-Docosane (C22)	13.833	611198	5.189 ug/ml
14) T n-Tetracosane (C24)	14.936	612868	5.218 ug/ml
15) T n-Hexacosane (C26)	15.954	588822	5.235 ug/ml
16) T n-Octacosane (C28)	16.903	550631	5.124 ug/ml
17) T n-Tricontane (C30)	17.788	500888	5.011 ug/ml
18) T n-Dotriacontane (C32)	18.619	447165	4.964 ug/ml
19) T n-Tetratriacontane (C34)	19.401	430261	5.052 ug/ml
20) T n-Hexatriacontane (C36)	20.137	451894	5.731 ug/mlm
21) T n-Octatriacontane (C38)	20.882	367772	4.875 ug/mlm
22) T n-Tetracontane (C40)	21.812	281710	4.065 ug/mlm

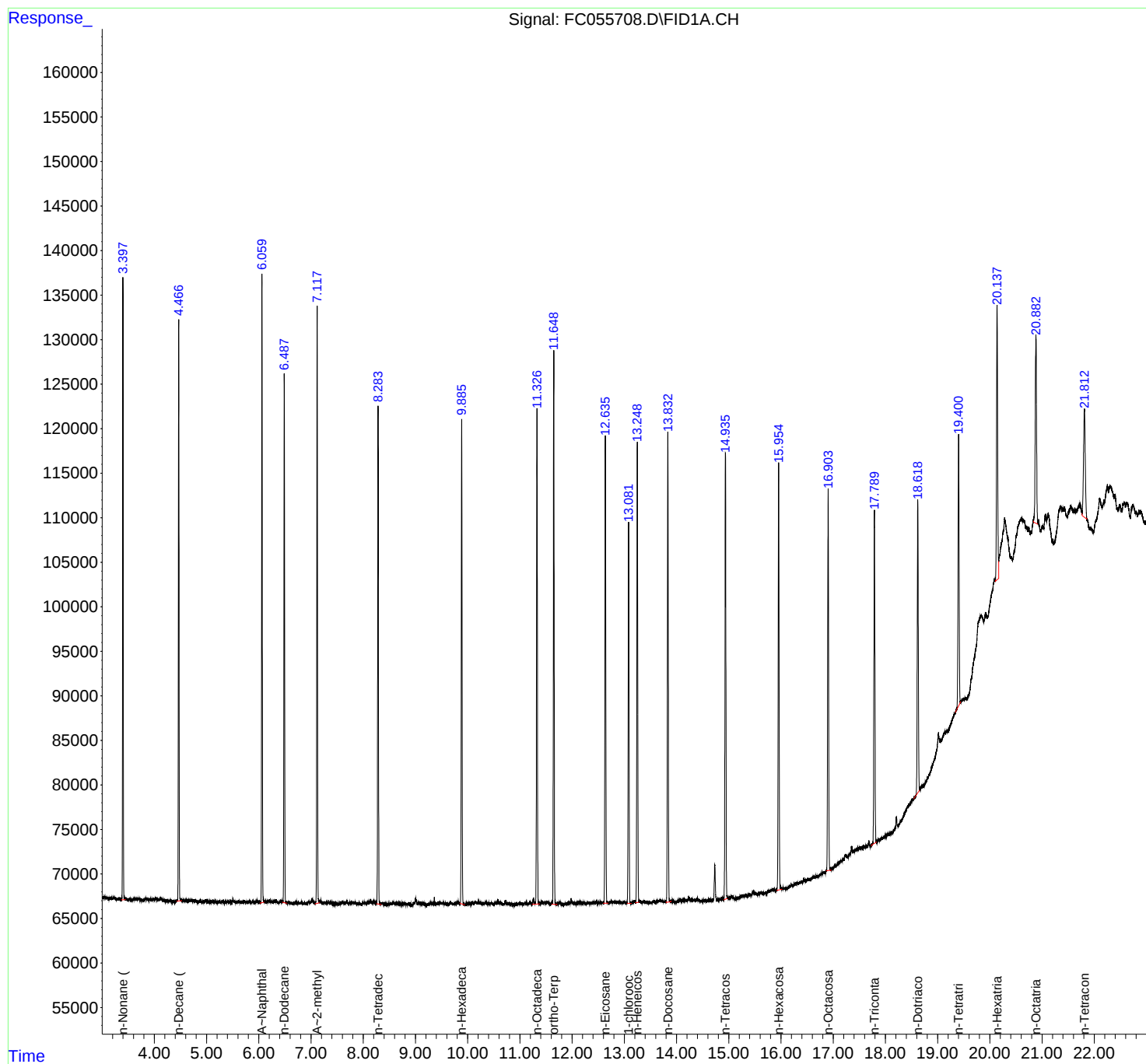
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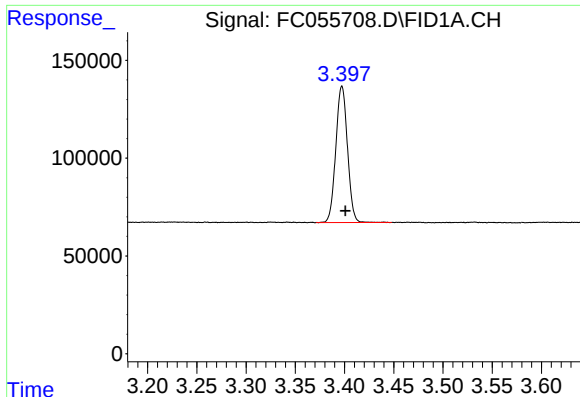
(m)=manual int.

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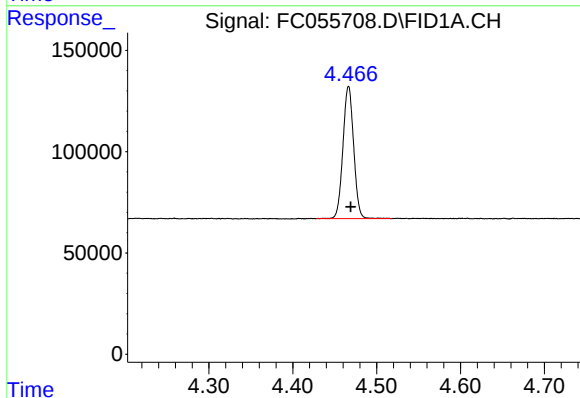
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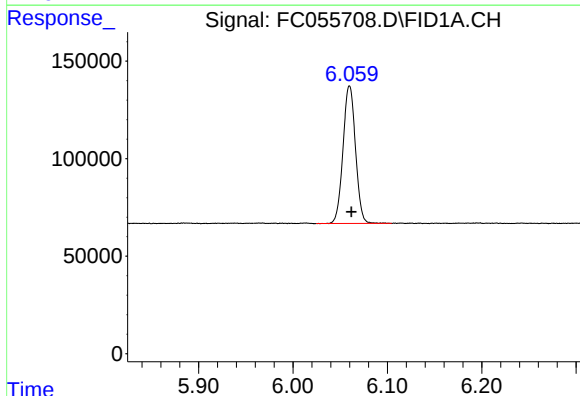
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: -0.004 min
Response: 574527
Conc: 5.22 ug/ml



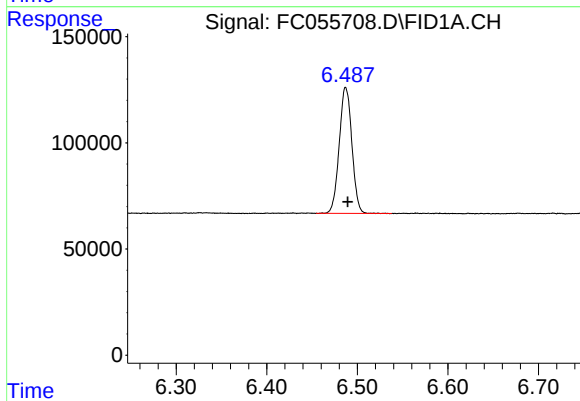
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.002 min
Response: 579662
Conc: 5.22 ug/ml



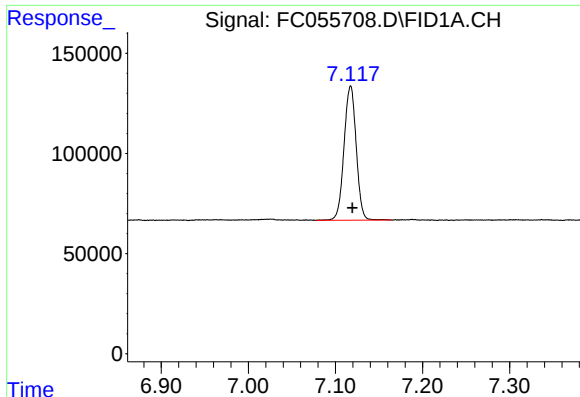
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 648081
Conc: 5.20 ug/ml



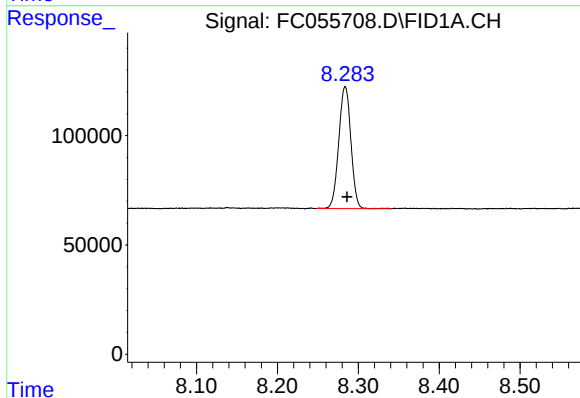
#4 n-Dodecane (C12)

R.T.: 6.487 min
Delta R.T.: -0.002 min
Response: 576520
Conc: 5.18 ug/ml



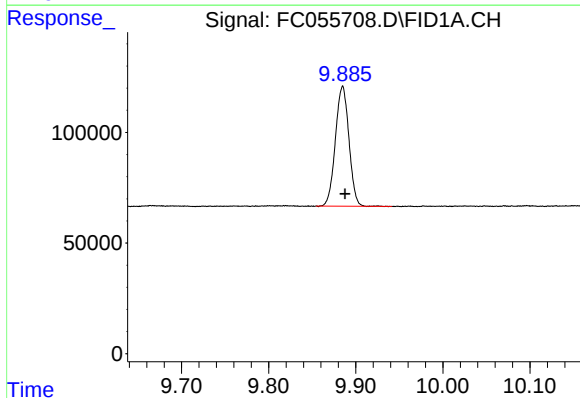
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.117 min
Delta R.T.: -0.002 min
Response: 649865
Conc: 5.18 ug/ml



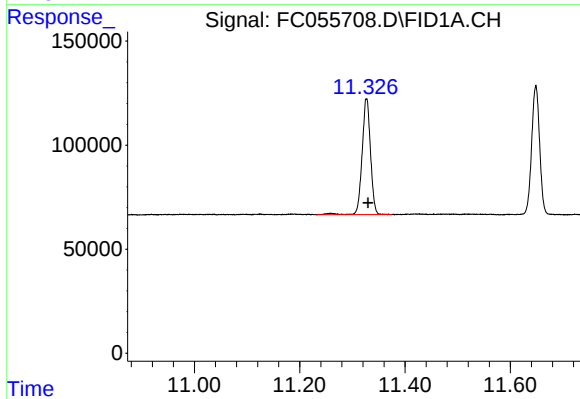
#6 n-Tetradecane (C14)

R.T.: 8.284 min
Delta R.T.: -0.002 min
Response: 581651
Conc: 5.17 ug/ml



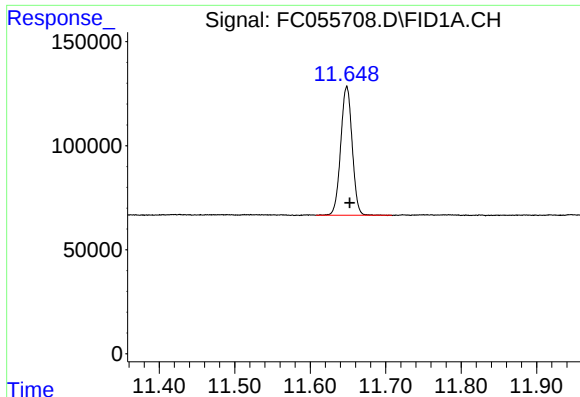
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: -0.003 min
Response: 586170
Conc: 5.16 ug/ml



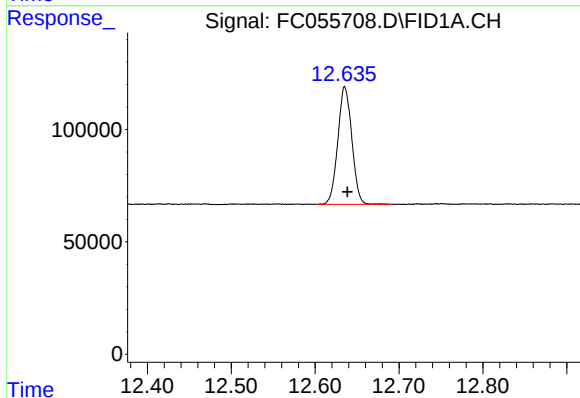
#8 n-Octadecane (C18)

R.T.: 11.327 min
Delta R.T.: -0.003 min
Response: 618000
Conc: 5.24 ug/ml



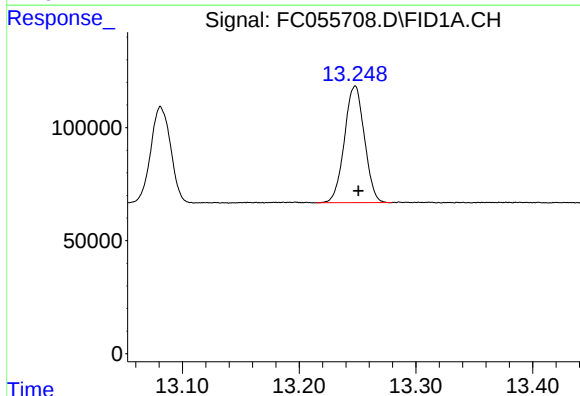
#9 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: -0.004 min
Response: 651991
Conc: 5.19 ug/ml



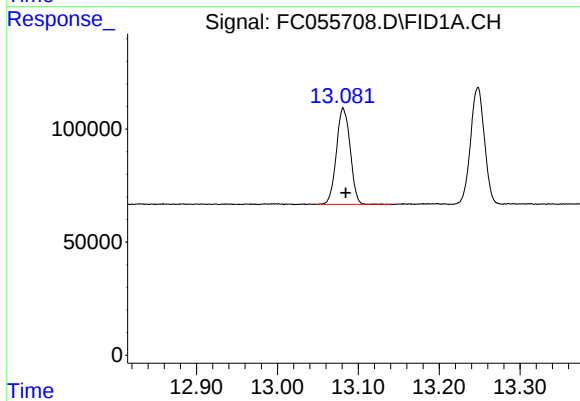
#10 n-Eicosane (C20)

R.T.: 12.636 min
Delta R.T.: -0.003 min
Response: 607894
Conc: 5.18 ug/ml



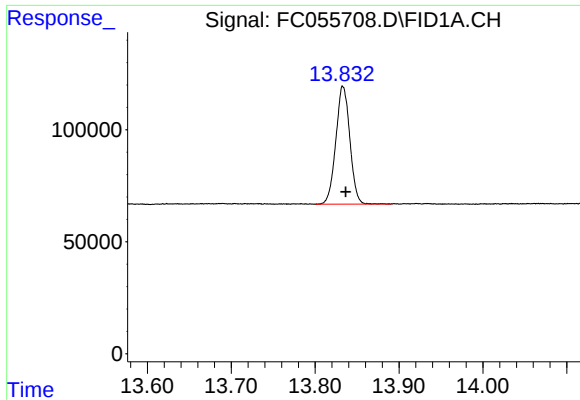
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: -0.003 min
Response: 613990
Conc: 5.17 ug/ml



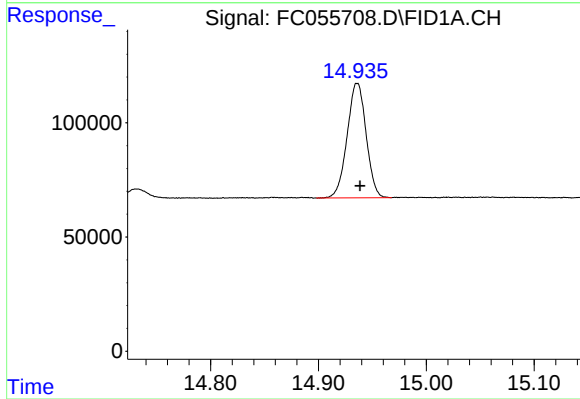
#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.003 min
Response: 504454
Conc: 5.12 ug/ml



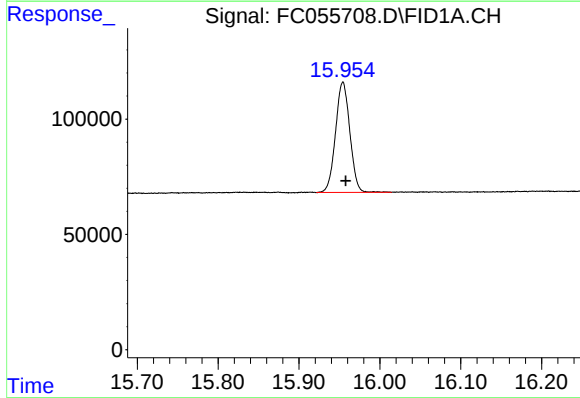
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: -0.003 min
Response: 611198
Conc: 5.19 ug/ml



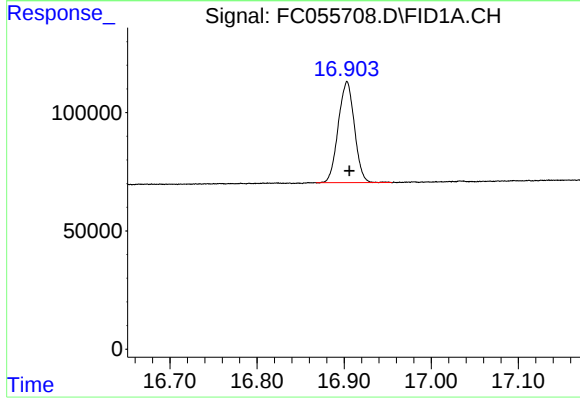
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: -0.003 min
Response: 612868
Conc: 5.22 ug/ml



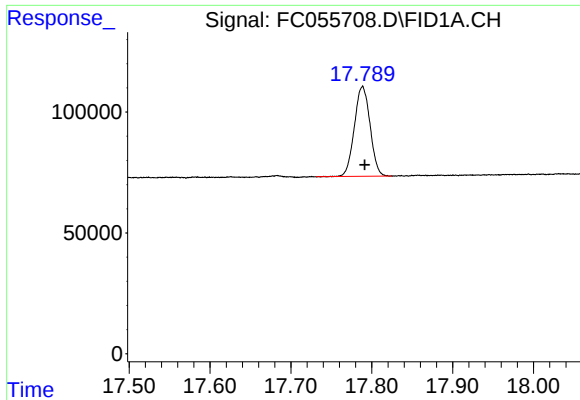
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.004 min
Response: 588822
Conc: 5.24 ug/ml



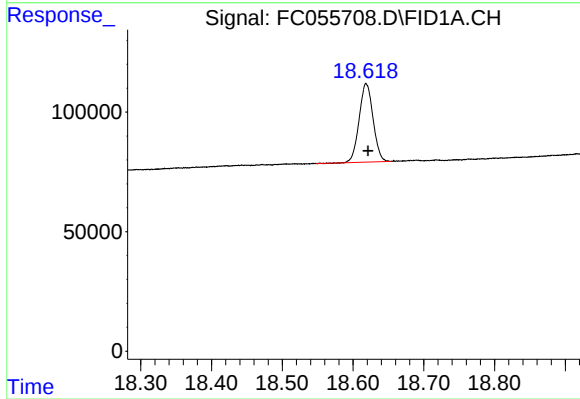
#16 n-Octacosane (C28)

R.T.: 16.903 min
Delta R.T.: -0.003 min
Response: 550631
Conc: 5.12 ug/ml



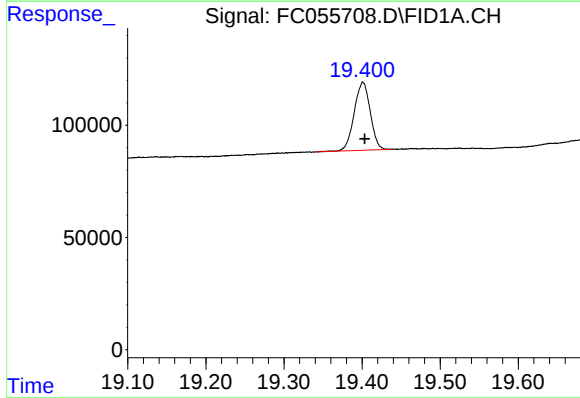
#17 n-Tricontane (C30)

R.T.: 17.788 min
Delta R.T.: -0.003 min
Response: 500888
Conc: 5.01 ug/ml



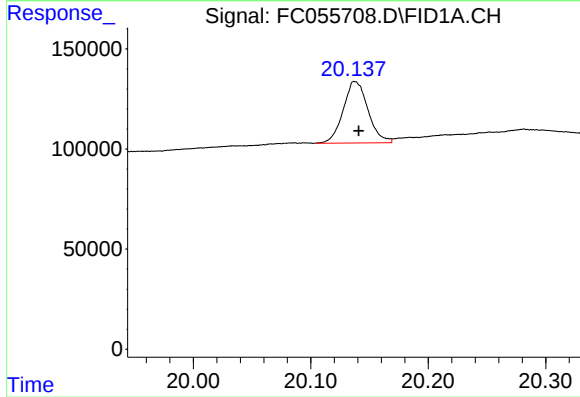
#18 n-Dotriacontane (C32)

R.T.: 18.619 min
Delta R.T.: -0.003 min
Response: 447165
Conc: 4.96 ug/ml



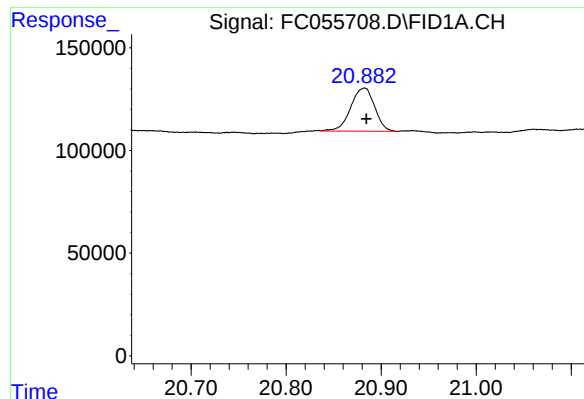
#19 n-Tetratriacontane (C34)

R.T.: 19.401 min
Delta R.T.: -0.002 min
Response: 430261
Conc: 5.05 ug/ml



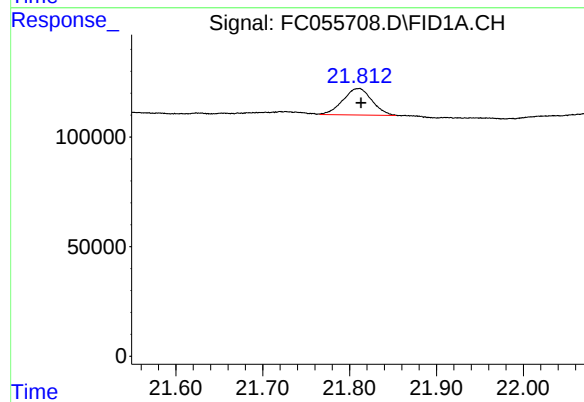
#20 n-Hexatriacontane (C36)

R.T.: 20.137 min
Delta R.T.: -0.004 min
Response: 451894
Conc: 5.73 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.882 min
Delta R.T.: -0.002 min
Response: 367772
Conc: 4.87 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.812 min
Delta R.T.: -0.002 min
Response: 281710
Conc: 4.07 ug/ml m