

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040722AL\
 Data File : FC059125.D
 Signal(s) : FID1A.CH
 Acq On : 08 Apr 2022 5:44
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 08 06:05:10 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)	11.102	2430632	16.870 ug/ml
Spiked Amount 50.000		Recovery =	33.74%
12) S 1-chlorooctadecane (S...	12.550	1894337	16.900 ug/ml
Spiked Amount 50.000		Recovery =	33.80%
Target Compounds			
1) T n-Nonane (C9)	2.962	2099374	17.131 ug/ml
2) T n-Decane (C10)	4.004	2144841	17.502 ug/ml
3) T A~Naphthalene (C11.7)	5.554	2183318	17.389 ug/ml
4) T n-Dodecane (C12)	6.003	2260389	17.697 ug/ml
5) T A~2-methylnaphthalene...	6.602	2164699	16.886 ug/ml
6) T n-Tetradecane (C14)	7.785	2266237	17.430 ug/ml
7) T n-Hexadecane (C16)	9.377	2278912	17.161 ug/ml
8) T n-Octadecane (C18)	10.810	2278752	17.139 ug/ml
10) T n-Eicosane (C20)	12.113	2250669	17.178 ug/ml
11) T n-Heneicosane (C21)	12.722	2225370	17.055 ug/ml
13) T n-Docosane (C22)	13.305	2265017	17.484 ug/ml
14) T n-Tetracosane (C24)	14.404	2237424	17.712 ug/ml
15) T n-Hexacosane (C26)	15.420	2180272	18.050 ug/ml
16) T n-Octacosane (C28)	16.366	2260701	19.092 ug/ml
17) T n-Tricontane (C30)	17.250	2411332	21.138 ug/ml
18) T n-Dotriacontane (C32)	18.081	2334975	21.796 ug/ml
19) T n-Tetratriacontane (C34)	18.861	2144737	21.227 ug/mlm
20) T n-Hexatriacontane (C36)	19.599	2000458	20.937 ug/mlm
21) T n-Octatriacontane (C38)	20.298	1945710	21.145 ug/ml
22) T n-Tetracontane (C40)	21.040	1939724	20.871 ug/mlm

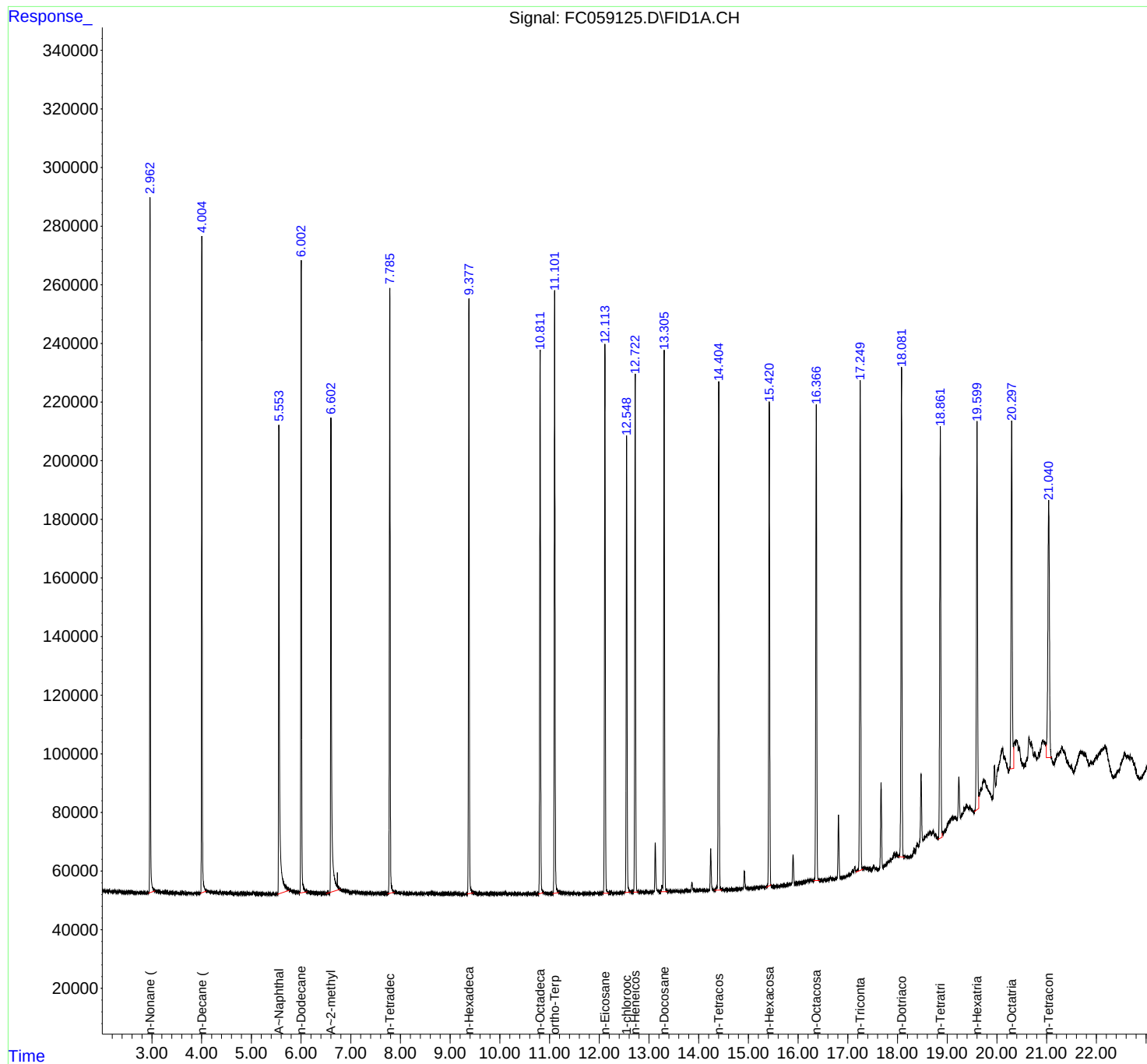
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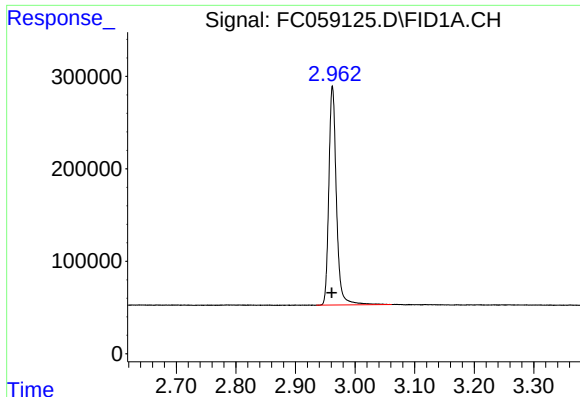
(m)=manual int.

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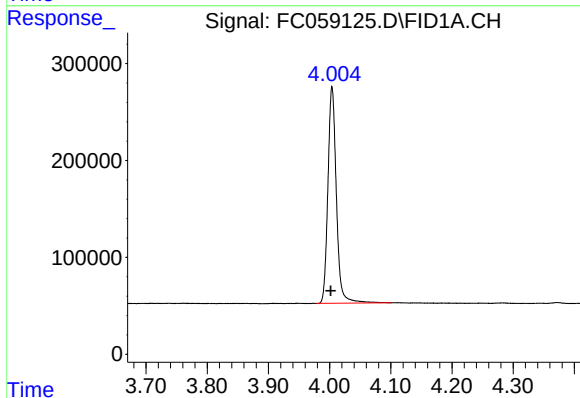
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Signal Info : 20M x 0.18mm x 0.18um





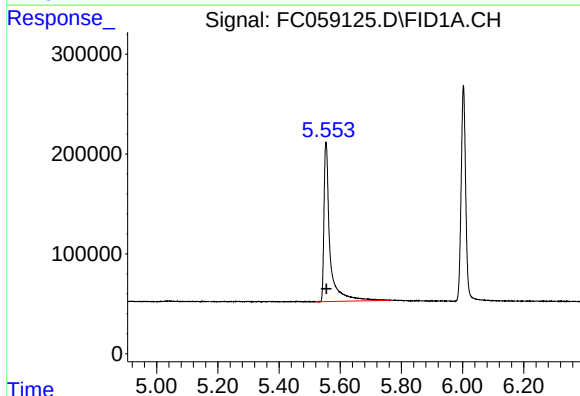
#1 n-Nonane (C9)

R.T.: 2.962 min
Delta R.T.: 0.001 min
Response: 2099374
Conc: 17.13 ug/ml



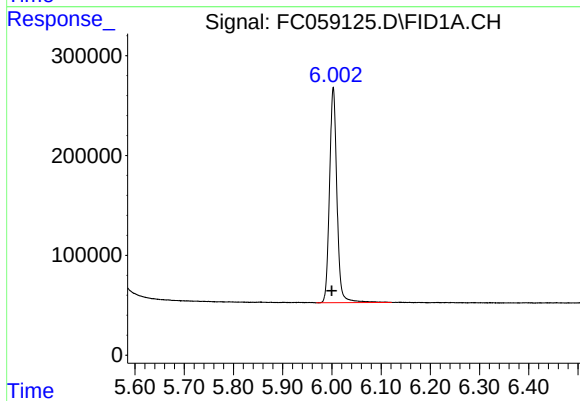
#2 n-Decane (C10)

R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 2144841
Conc: 17.50 ug/ml



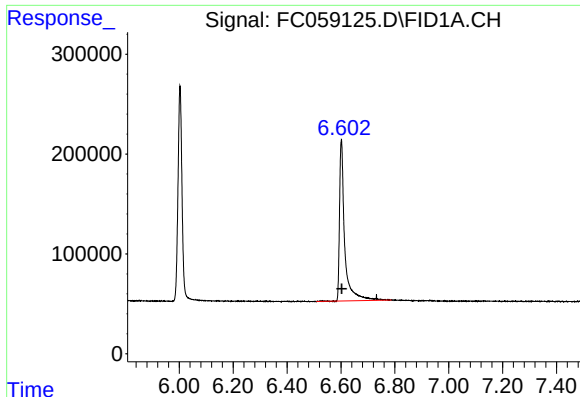
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 2183318
Conc: 17.39 ug/ml



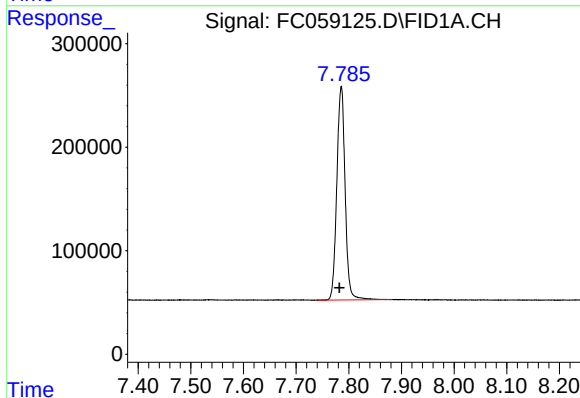
#4 n-Dodecane (C12)

R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 2260389
Conc: 17.70 ug/ml



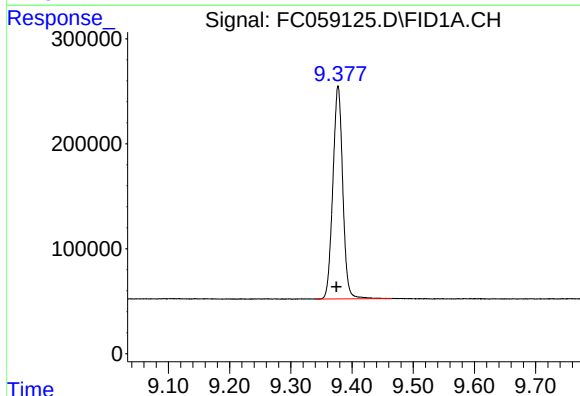
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 2164699
Conc: 16.89 ug/ml



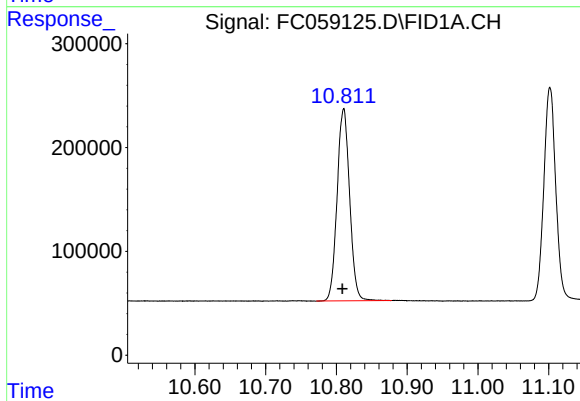
#6 n-Tetradecane (C14)

R.T.: 7.785 min
Delta R.T.: 0.003 min
Response: 2266237
Conc: 17.43 ug/ml



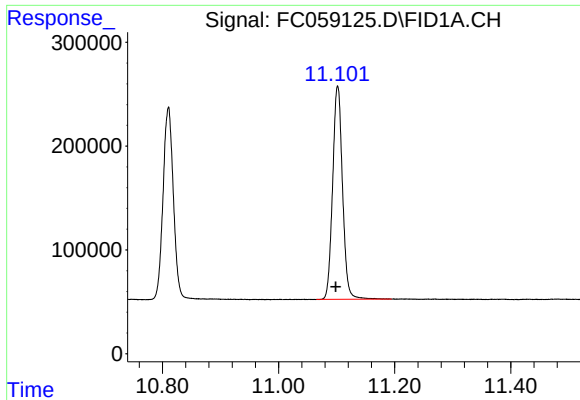
#7 n-Hexadecane (C16)

R.T.: 9.377 min
Delta R.T.: 0.003 min
Response: 2278912
Conc: 17.16 ug/ml



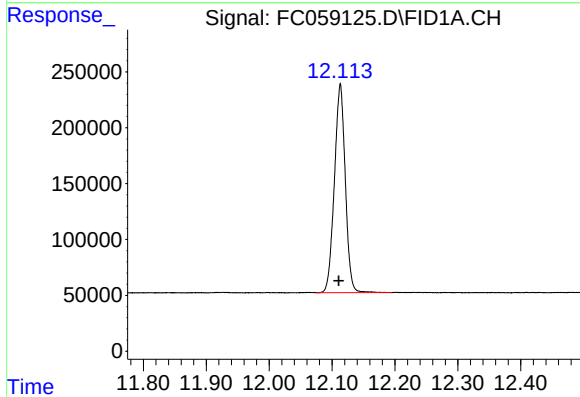
#8 n-Octadecane (C18)

R.T.: 10.810 min
Delta R.T.: 0.002 min
Response: 2278752
Conc: 17.14 ug/ml



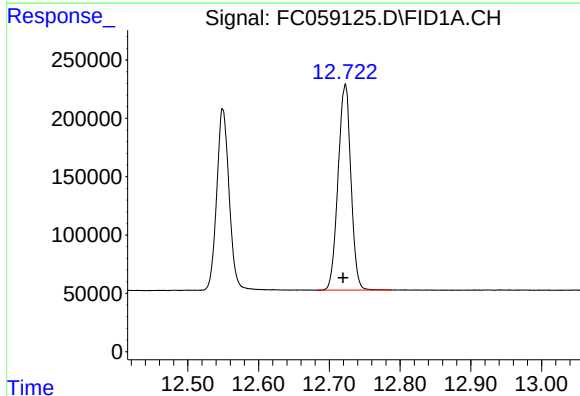
#9 ortho-Terphenyl (SURR)

R.T.: 11.102 min
Delta R.T.: 0.003 min
Response: 2430632
Conc: 16.87 ug/ml



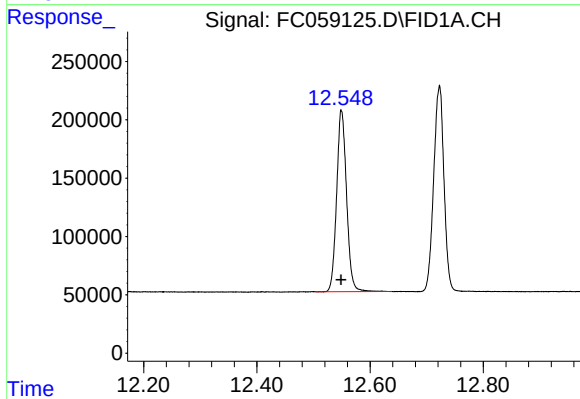
#10 n-Eicosane (C20)

R.T.: 12.113 min
Delta R.T.: 0.002 min
Response: 2250669
Conc: 17.18 ug/ml



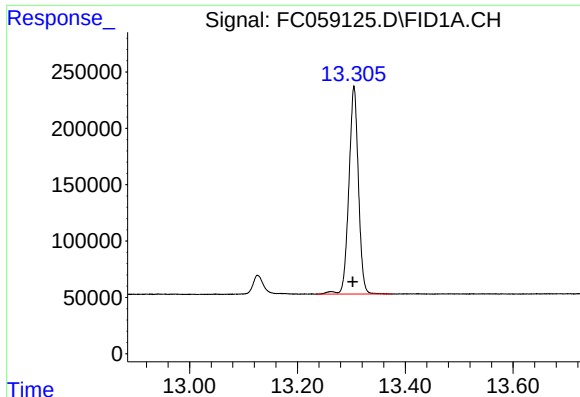
#11 n-Heneicosane (C21)

R.T.: 12.722 min
Delta R.T.: 0.003 min
Response: 2225370
Conc: 17.06 ug/ml



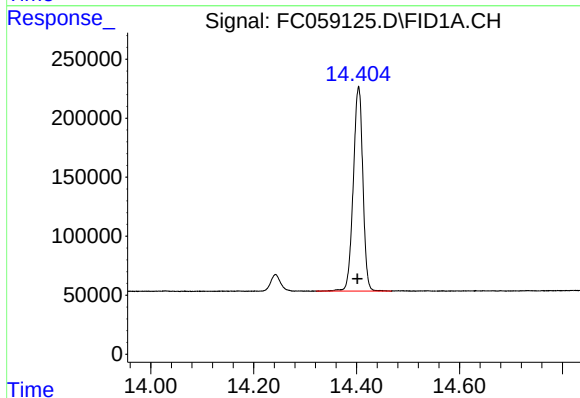
#12 1-chlorooctadecane (SURR)

R.T.: 12.550 min
Delta R.T.: 0.001 min
Response: 1894337
Conc: 16.90 ug/ml



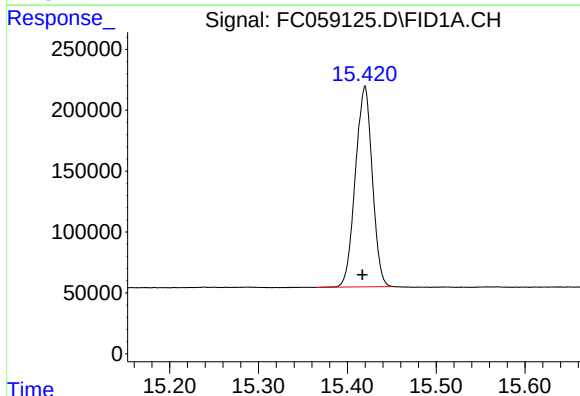
#13 n-Docosane (C22)

R.T.: 13.305 min
Delta R.T.: 0.002 min
Response: 2265017
Conc: 17.48 ug/ml



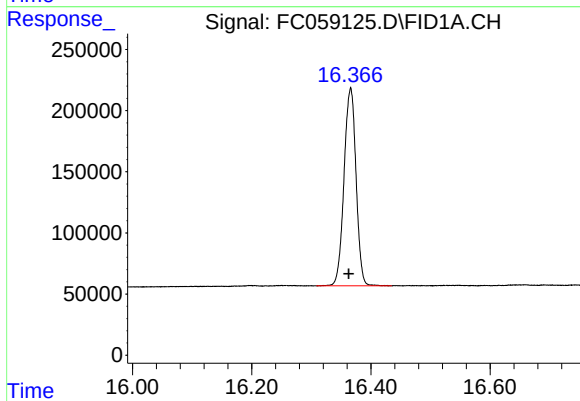
#14 n-Tetracosane (C24)

R.T.: 14.404 min
Delta R.T.: 0.003 min
Response: 2237424
Conc: 17.71 ug/ml



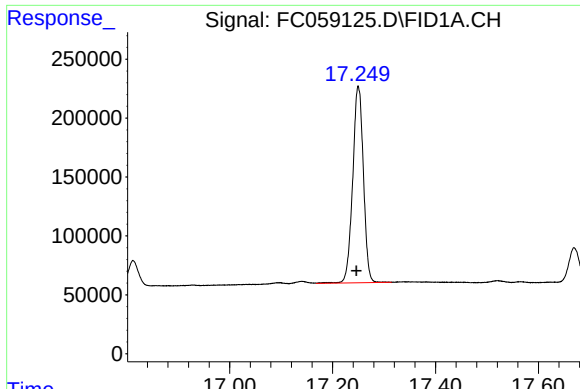
#15 n-Hexacosane (C26)

R.T.: 15.420 min
Delta R.T.: 0.002 min
Response: 2180272
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.366 min
Delta R.T.: 0.003 min
Response: 2260701
Conc: 19.09 ug/ml



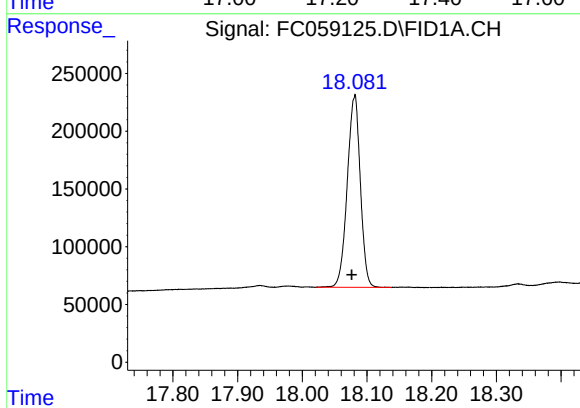
#17 n-Tricontane (C30)

R.T.: 17.250 min

Delta R.T.: 0.004 min

Response: 2411332

Conc: 21.14 ug/ml



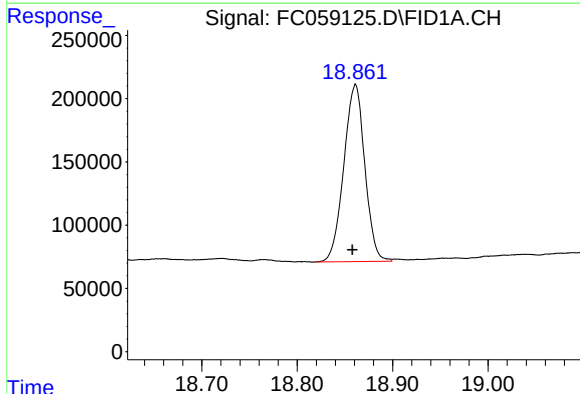
#18 n-Dotriacontane (C32)

R.T.: 18.081 min

Delta R.T.: 0.004 min

Response: 2334975

Conc: 21.80 ug/ml



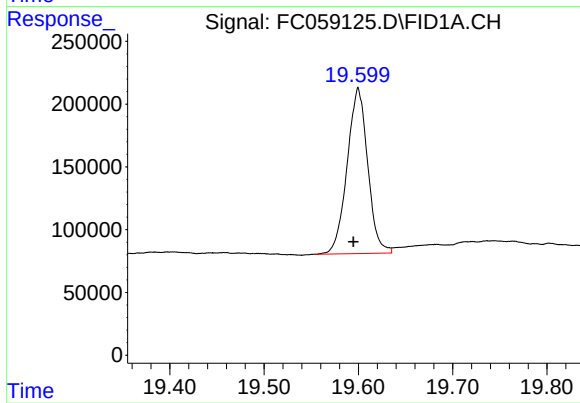
#19 n-Tetratriacontane (C34)

R.T.: 18.861 min

Delta R.T.: 0.003 min

Response: 2144737

Conc: 21.23 ug/ml m



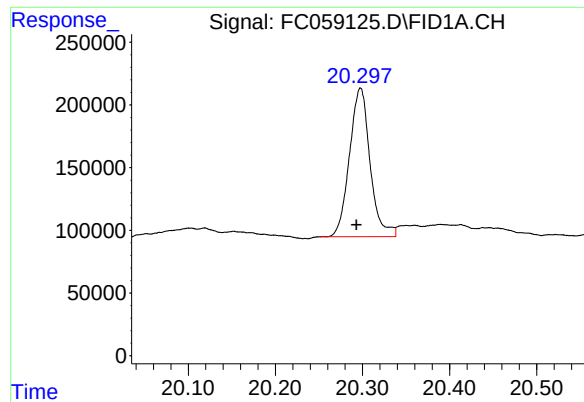
#20 n-Hexatriacontane (C36)

R.T.: 19.599 min

Delta R.T.: 0.005 min

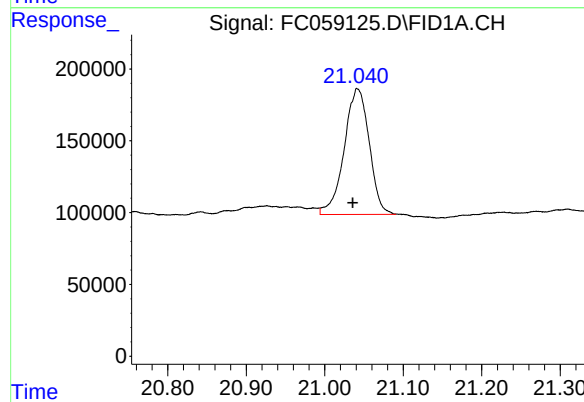
Response: 2000458

Conc: 20.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.298 min
Delta R.T.: 0.004 min
Response: 1945710
Conc: 21.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.040 min
Delta R.T.: 0.004 min
Response: 1939724
Conc: 20.87 ug/ml m