

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121421AL\
 Data File : FC057461.D
 Signal(s) : FID1A.CH
 Acq On : 14 Dec 2021 18:14
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 14 19:34:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 19:34:35 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)	10.886	6704640	49.656 ug/ml
Spiked Amount 50.000		Recovery =	99.31%
12) S 1-chlorooctadecane (S...	12.319	5308007	49.402 ug/ml
Spiked Amount 50.000		Recovery =	98.80%
Target Compounds			
1) T n-Nonane (C9)	2.727	5930439	49.412 ug/ml
2) T n-Decane (C10)	3.738	5970419	49.339 ug/ml
3) T A~Naphthalene (C11.7)	5.307	6671823	49.509 ug/ml
4) T n-Dodecane (C12)	5.729	5948649	49.596 ug/ml
5) T A~2-methylnaphthalene...	6.357	6739166	49.522 ug/ml
6) T n-Tetradecane (C14)	7.521	5987619	49.730 ug/ml
7) T n-Hexadecane (C16)	9.121	6052534	49.683 ug/ml
8) T n-Octadecane (C18)	10.563	6254349	49.624 ug/ml
10) T n-Eicosane (C20)	11.872	6246925	49.443 ug/ml
11) T n-Heneicosane (C21)	12.485	6333072	49.467 ug/ml
13) T n-Docosane (C22)	13.070	6323782	49.370 ug/ml
14) T n-Tetracosane (C24)	14.174	6401727	49.081 ug/ml
15) T n-Hexacosane (C26)	15.196	6333259	48.702 ug/ml
16) T n-Octacosane (C28)	16.146	6255546	48.178 ug/ml
17) T n-Tricontane (C30)	17.034	6400618	46.152 ug/ml
18) T n-Dotriacontane (C32)	17.868	6206709	44.346 ug/ml
19) T n-Tetratriacontane (C34)	18.652	6009705	41.698 ug/ml
20) T n-Hexatriacontane (C36)	19.393	5624705	44.714 ug/ml
21) T n-Octatriacontane (C38)	20.130	5257420	46.850 ug/ml
22) T n-Tetracontane (C40)	21.044	5067063	48.908 ug/ml

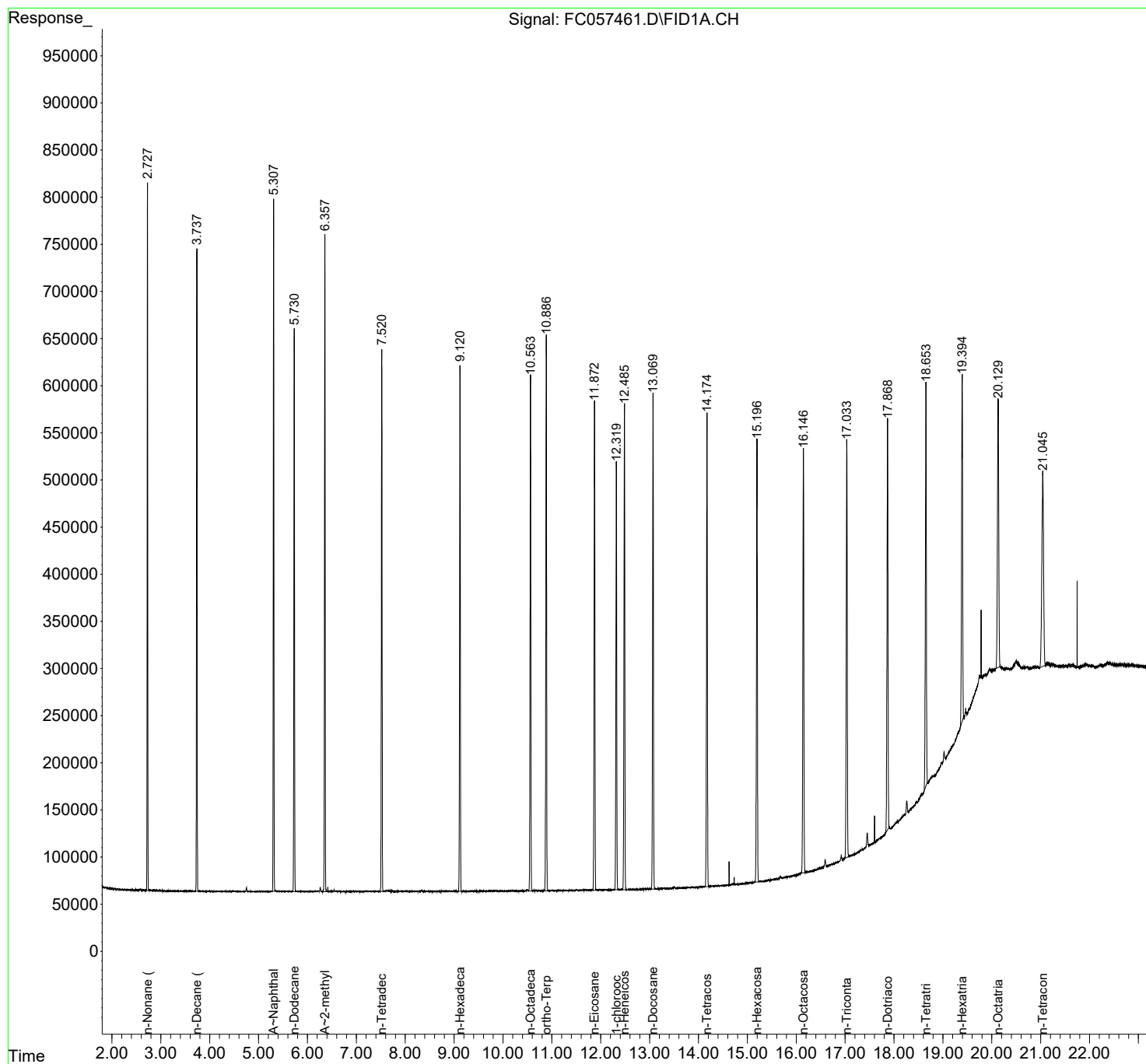
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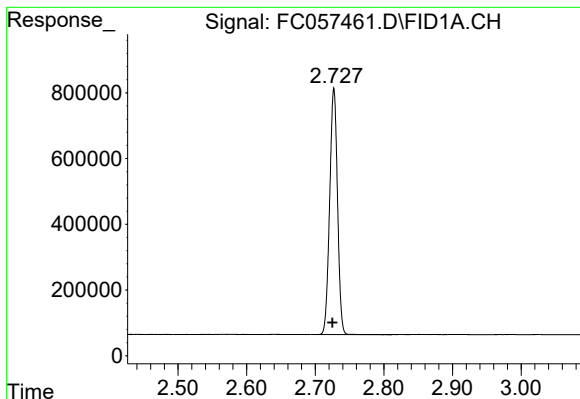
(m)=manual int.

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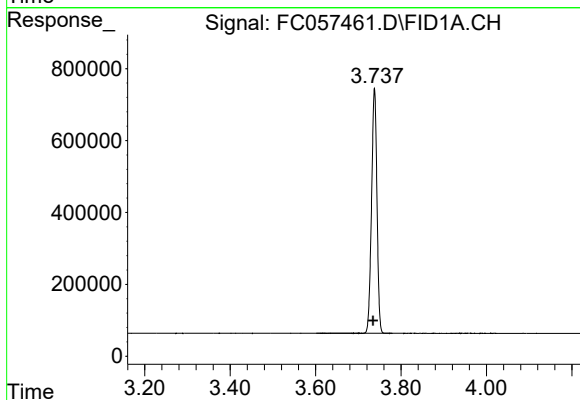
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Signal Info : 20M x 0.18mm x 0.18um





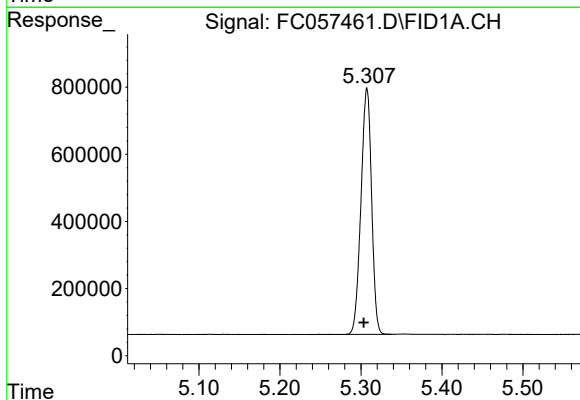
#1 n-Nonane (C9)

R.T.: 2.727 min
Delta R.T.: 0.002 min
Response: 5930439
Conc: 49.41 ug/ml



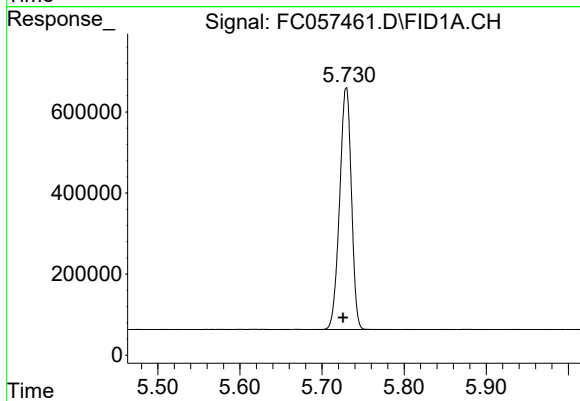
#2 n-Decane (C10)

R.T.: 3.738 min
Delta R.T.: 0.003 min
Response: 5970419
Conc: 49.34 ug/ml



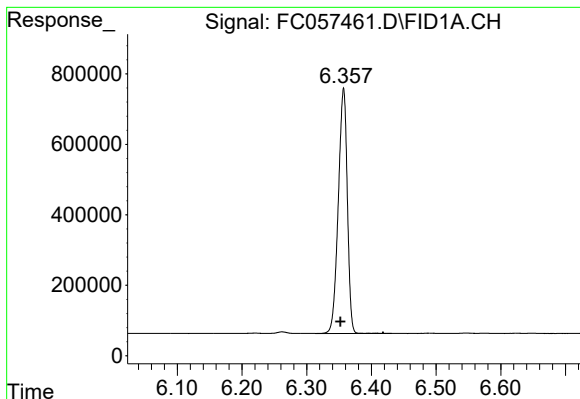
#3 A~Naphthalene (C11.7)

R.T.: 5.307 min
Delta R.T.: 0.004 min
Response: 6671823
Conc: 49.51 ug/ml



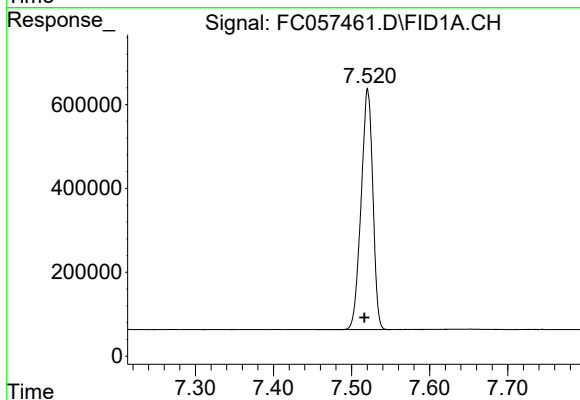
#4 n-Dodecane (C12)

R.T.: 5.729 min
Delta R.T.: 0.004 min
Response: 5948649
Conc: 49.60 ug/ml



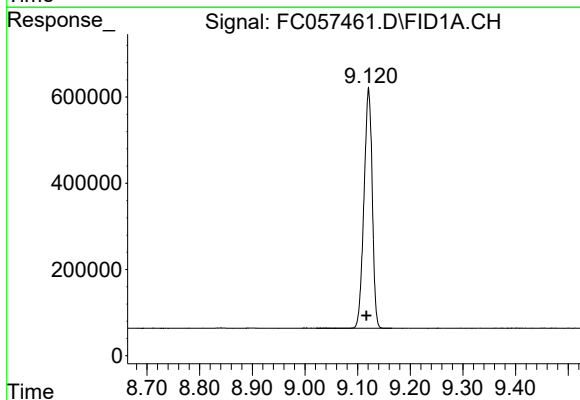
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.357 min
Delta R.T.: 0.004 min
Response: 6739166
Conc: 49.52 ug/ml



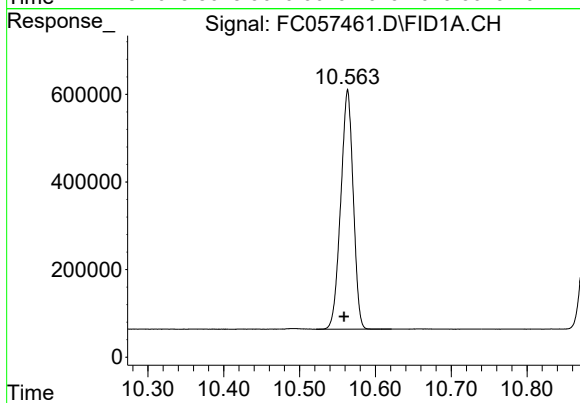
#6 n-Tetradecane (C14)

R.T.: 7.521 min
Delta R.T.: 0.004 min
Response: 5987619
Conc: 49.73 ug/ml



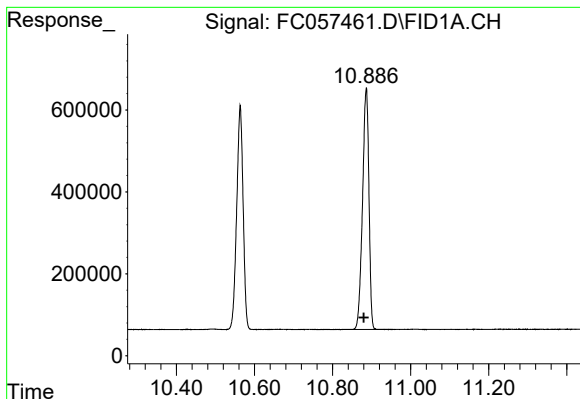
#7 n-Hexadecane (C16)

R.T.: 9.121 min
Delta R.T.: 0.004 min
Response: 6052534
Conc: 49.68 ug/ml



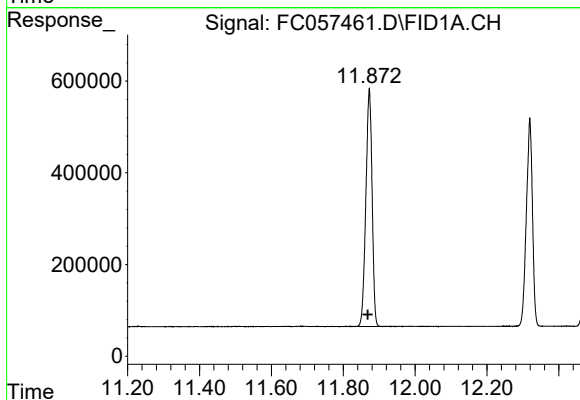
#8 n-Octadecane (C18)

R.T.: 10.563 min
Delta R.T.: 0.005 min
Response: 6254349
Conc: 49.62 ug/ml



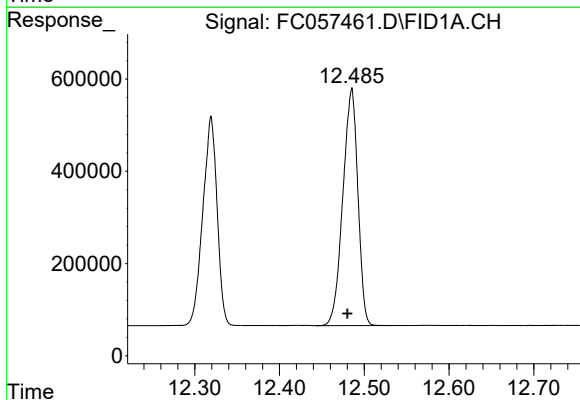
#9 ortho-Terphenyl (SURR)

R.T.: 10.886 min
Delta R.T.: 0.007 min
Response: 6704640
Conc: 49.66 ug/ml



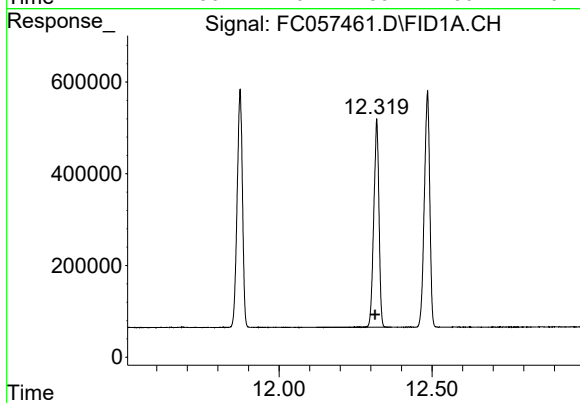
#10 n-Eicosane (C20)

R.T.: 11.872 min
Delta R.T.: 0.004 min
Response: 6246925
Conc: 49.44 ug/ml



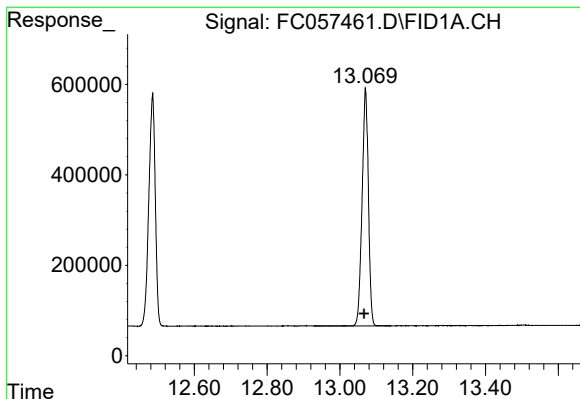
#11 n-Heneicosane (C21)

R.T.: 12.485 min
Delta R.T.: 0.005 min
Response: 6333072
Conc: 49.47 ug/ml



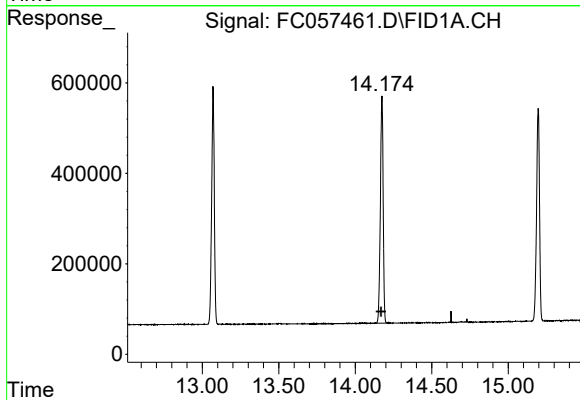
#12 1-chlorooctadecane (SURR)

R.T.: 12.319 min
Delta R.T.: 0.005 min
Response: 5308007
Conc: 49.40 ug/ml



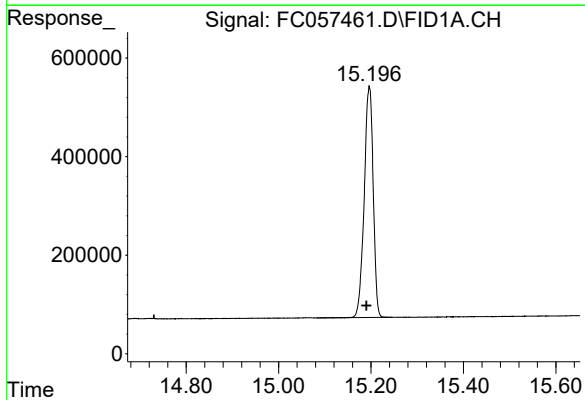
#13 n-Docosane (C22)

R.T.: 13.070 min
Delta R.T.: 0.004 min
Response: 6323782
Conc: 49.37 ug/ml



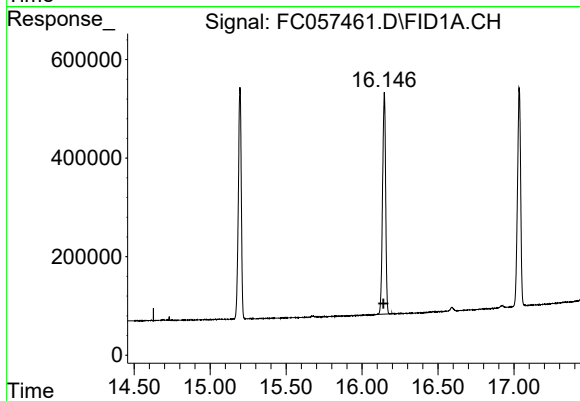
#14 n-Tetracosane (C24)

R.T.: 14.174 min
Delta R.T.: 0.006 min
Response: 6401727
Conc: 49.08 ug/ml



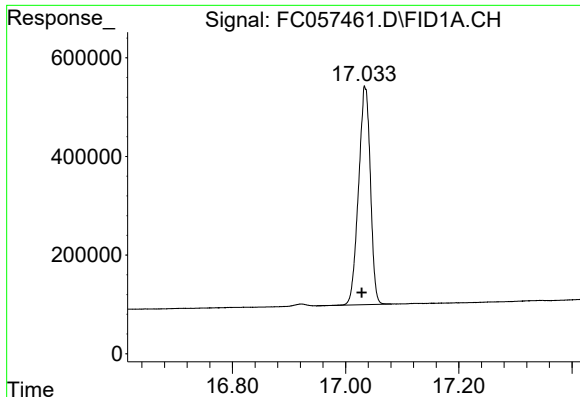
#15 n-Hexacosane (C26)

R.T.: 15.196 min
Delta R.T.: 0.006 min
Response: 6333259
Conc: 48.70 ug/ml



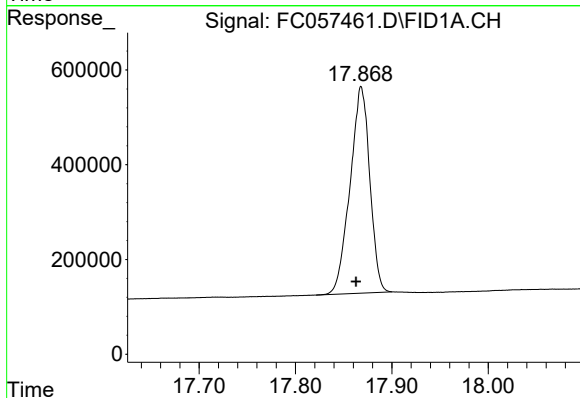
#16 n-Octacosane (C28)

R.T.: 16.146 min
Delta R.T.: 0.005 min
Response: 6255546
Conc: 48.18 ug/ml



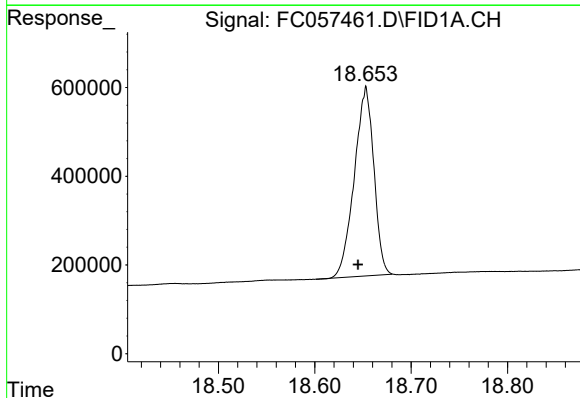
#17 n-Tricontane (C30)

R.T.: 17.034 min
Delta R.T.: 0.006 min
Response: 6400618
Conc: 46.15 ug/ml



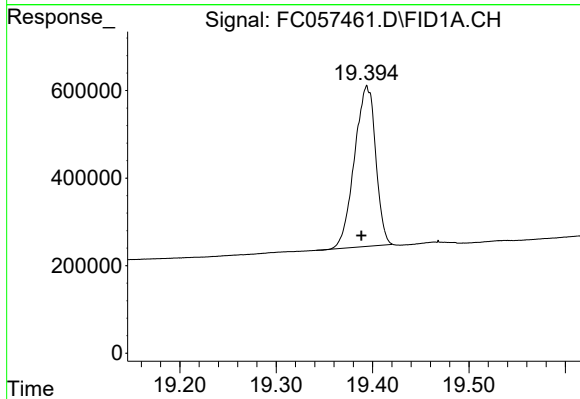
#18 n-Dotriacontane (C32)

R.T.: 17.868 min
Delta R.T.: 0.005 min
Response: 6206709
Conc: 44.35 ug/ml



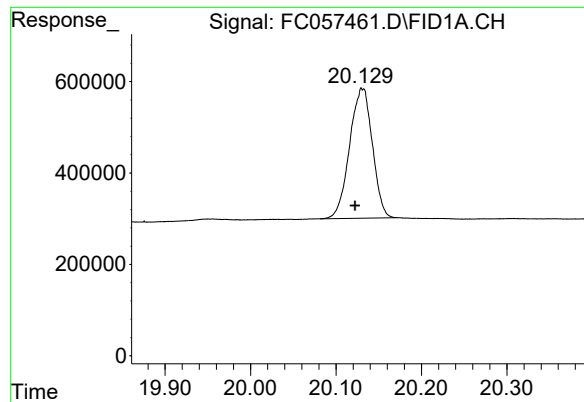
#19 n-Tetratriacontane (C34)

R.T.: 18.652 min
Delta R.T.: 0.007 min
Response: 6009705
Conc: 41.70 ug/ml



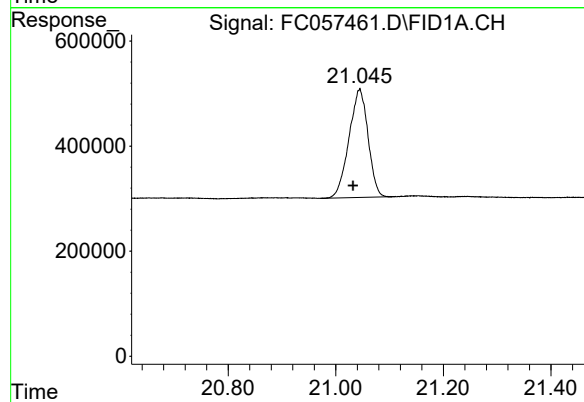
#20 n-Hexatriacontane (C36)

R.T.: 19.393 min
Delta R.T.: 0.005 min
Response: 5624705
Conc: 44.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.130 min
Delta R.T.: 0.008 min
Response: 5257420
Conc: 46.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.044 min
Delta R.T.: 0.012 min
Response: 5067063
Conc: 48.91 ug/ml