

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021422AL\
 Data File : FC058300.D
 Signal(s) : FID1A.CH
 Acq On : 14 Feb 2022 14:03
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 15:15:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021422.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 14 15:14:52 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)	11.364	6545655	4.674 ug/ml
Spiked Amount 50.000		Recovery =	9.35%
12) S 1-chlorooctadecane (S...	12.799	4578917	4.506 ug/ml
Spiked Amount 50.000		Recovery =	9.01%
Target Compounds			
1) T n-Nonane (C9)	3.350	5922785	4.797 ug/ml
2) T n-Decane (C10)	4.315	5901564	4.710 ug/ml
3) T A~Naphthalene (C11.7)	5.830	6287420	4.585 ug/ml
4) T n-Dodecane (C12)	6.265	6053258	4.765 ug/ml
5) T A~2-methylnaphthalene...	6.868	5917436	4.414 ug/ml
6) T n-Tetradecane (C14)	8.039	5892679	4.648 ug/ml
7) T n-Hexadecane (C16)	9.627	5835707	4.662 ug/ml
8) T n-Octadecane (C18)	11.060	5923629	4.688 ug/ml
10) T n-Eicosane (C20)	12.361	5703982	4.653 ug/ml
11) T n-Heneicosane (C21)	12.970	5627515	4.599 ug/ml
13) T n-Docosane (C22)	13.553	5484899	4.567 ug/ml
14) T n-Tetracosane (C24)	14.650	5331820	4.530 ug/ml
15) T n-Hexacosane (C26)	15.667	5155531	4.566 ug/ml
16) T n-Octacosane (C28)	16.612	5073118	4.632 ug/ml
17) T n-Tricontane (C30)	17.495	4874926	4.710 ug/ml
18) T n-Dotriacontane (C32)	18.324	4245604	4.701 ug/ml
19) T n-Tetratriacontane (C34)	19.106	3368918	4.530 ug/ml
20) T n-Hexatriacontane (C36)	19.842	2355992	4.234 ug/ml
21) T n-Octatriacontane (C38)	20.546	1598534	4.010 ug/ml
22) T n-Tetracontane (C40)	21.365	1041849	3.618 ug/ml

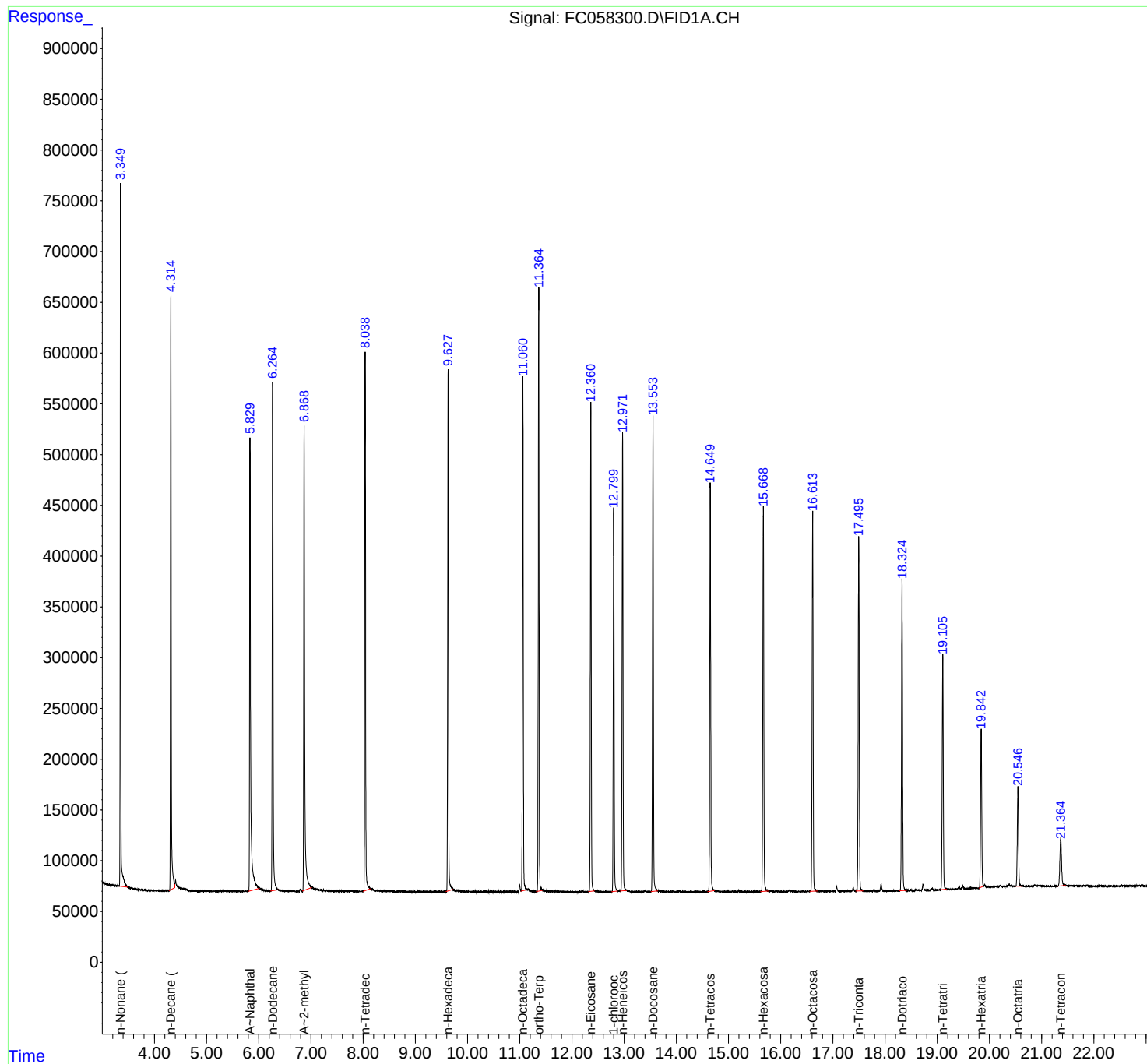
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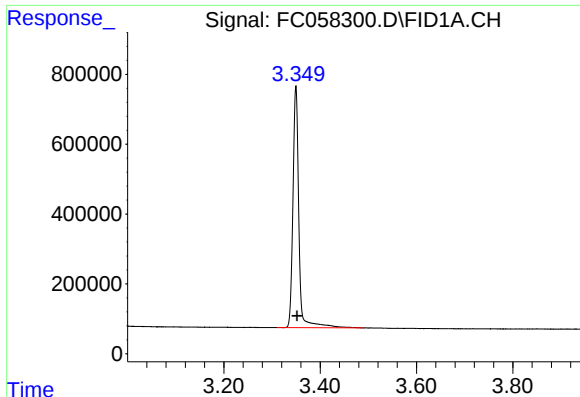
(m)=manual int.

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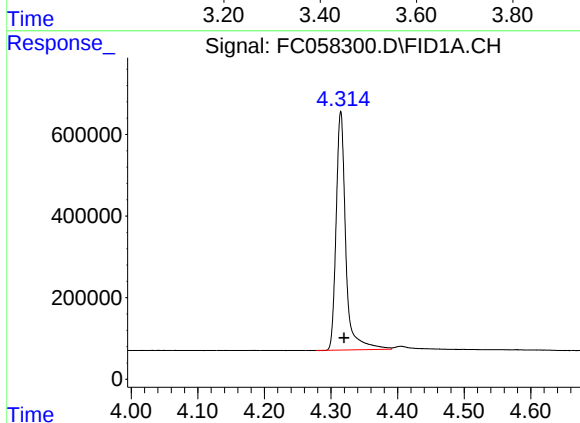
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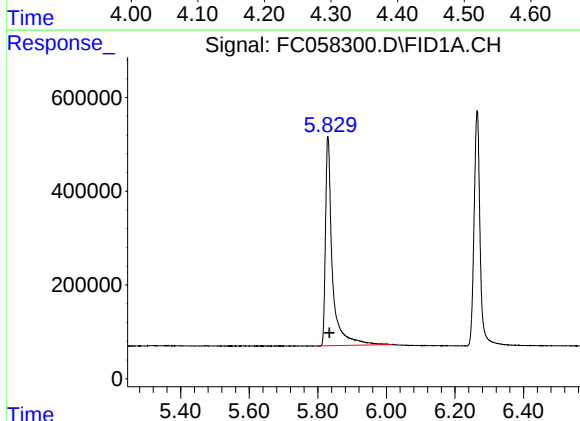
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 5922785
Conc: 4.80 ug/ml



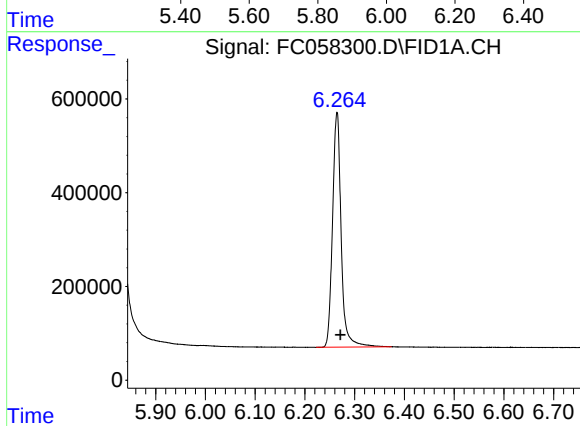
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.005 min
Response: 5901564
Conc: 4.71 ug/ml



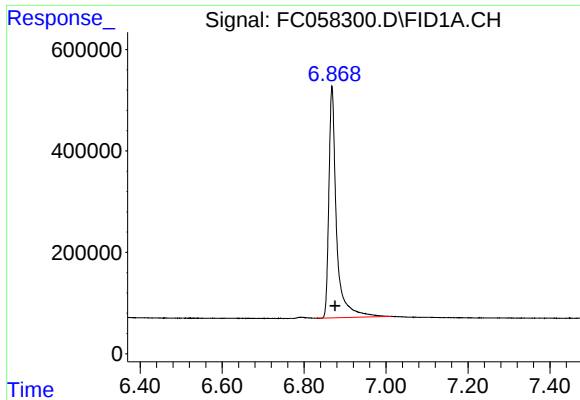
#3 A~Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.004 min
Response: 6287420
Conc: 4.59 ug/ml



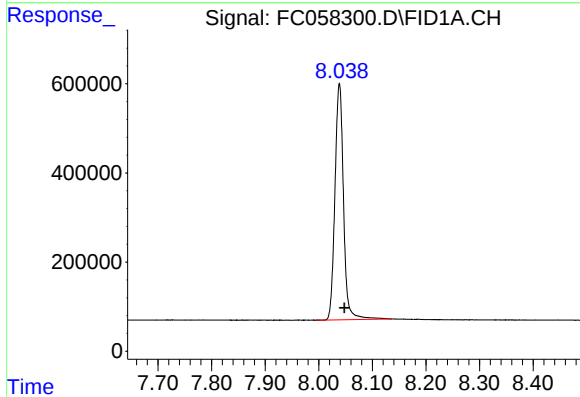
#4 n-Dodecane (C12)

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 6053258
Conc: 4.77 ug/ml



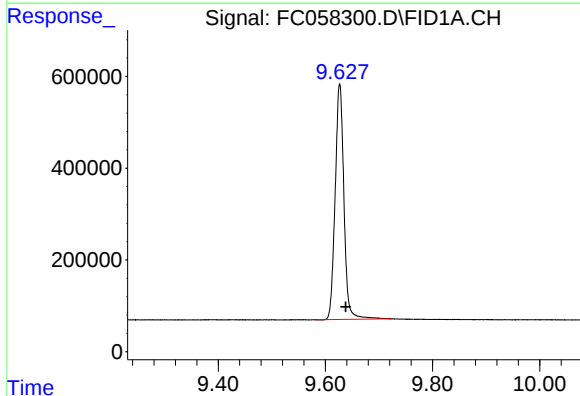
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.868 min
Delta R.T.: -0.008 min
Response: 5917436
Conc: 4.41 ug/ml



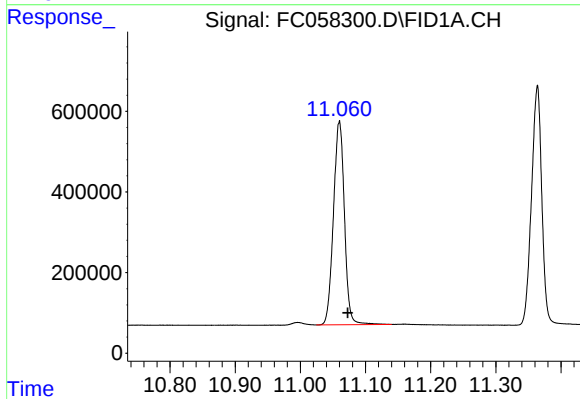
#6 n-Tetradecane (C14)

R.T.: 8.039 min
Delta R.T.: -0.009 min
Response: 5892679
Conc: 4.65 ug/ml



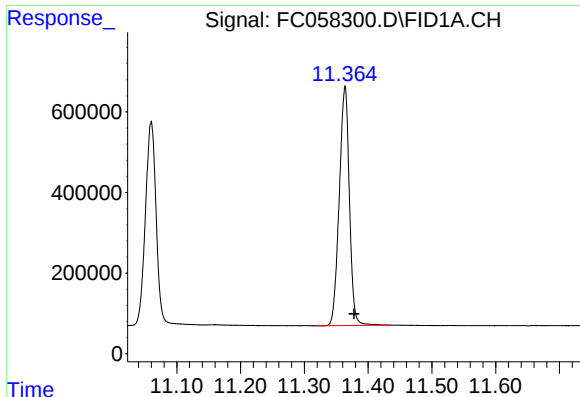
#7 n-Hexadecane (C16)

R.T.: 9.627 min
Delta R.T.: -0.011 min
Response: 5835707
Conc: 4.66 ug/ml



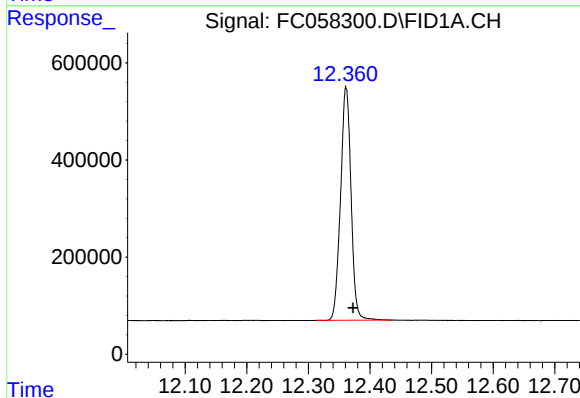
#8 n-Octadecane (C18)

R.T.: 11.060 min
Delta R.T.: -0.013 min
Response: 5923629
Conc: 4.69 ug/ml



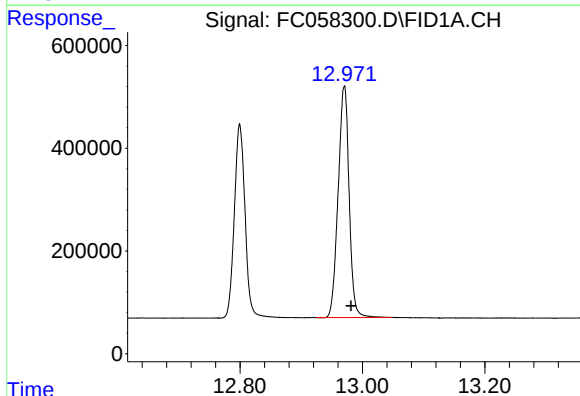
#9 ortho-Terphenyl (SURR)

R.T.: 11.364 min
Delta R.T.: -0.014 min
Response: 6545655
Conc: 4.67 ug/ml



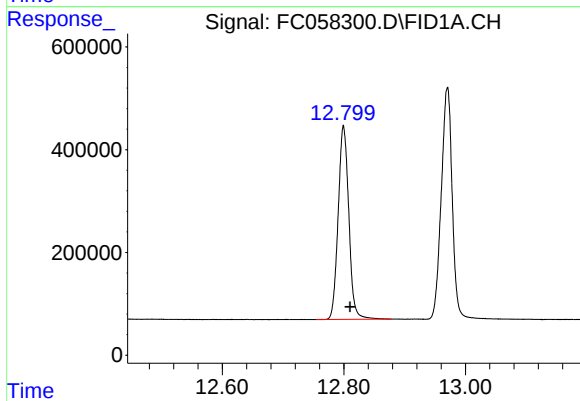
#10 n-Eicosane (C20)

R.T.: 12.361 min
Delta R.T.: -0.011 min
Response: 5703982
Conc: 4.65 ug/ml



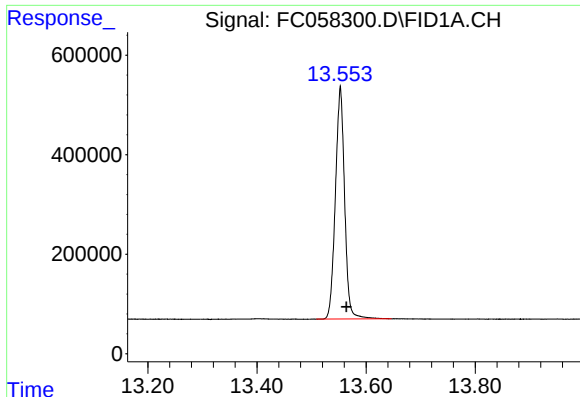
#11 n-Heneicosane (C21)

R.T.: 12.970 min
Delta R.T.: -0.011 min
Response: 5627515
Conc: 4.60 ug/ml



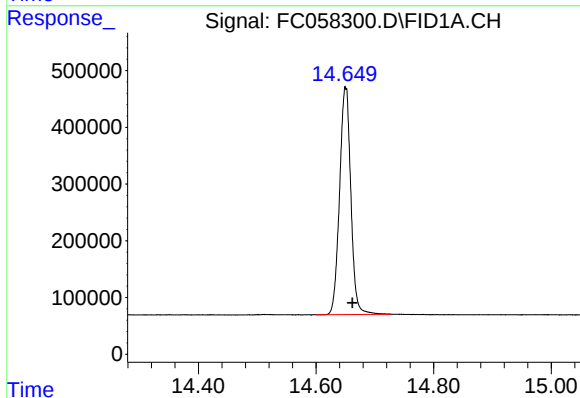
#12 1-chlorooctadecane (SURR)

R.T.: 12.799 min
Delta R.T.: -0.011 min
Response: 4578917
Conc: 4.51 ug/ml



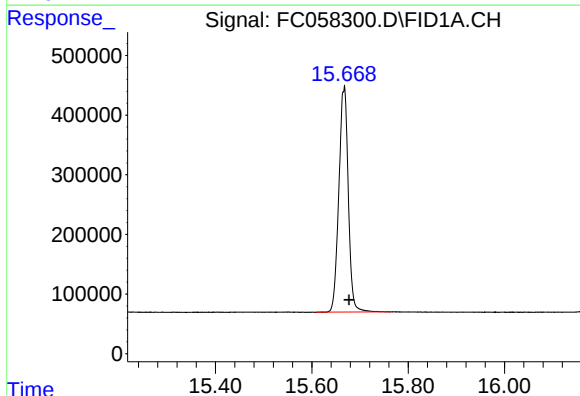
#13 n-Docosane (C22)

R.T.: 13.553 min
Delta R.T.: -0.011 min
Response: 5484899
Conc: 4.57 ug/ml



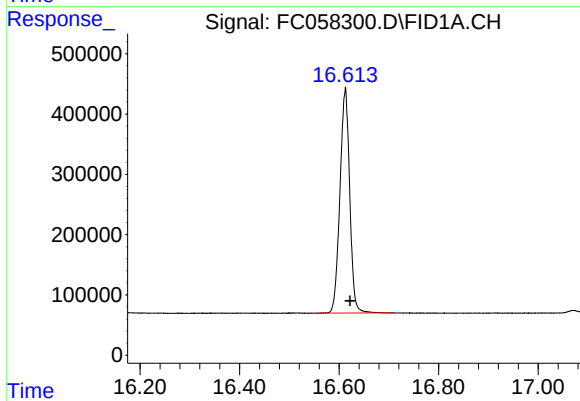
#14 n-Tetracosane (C24)

R.T.: 14.650 min
Delta R.T.: -0.011 min
Response: 5331820
Conc: 4.53 ug/ml



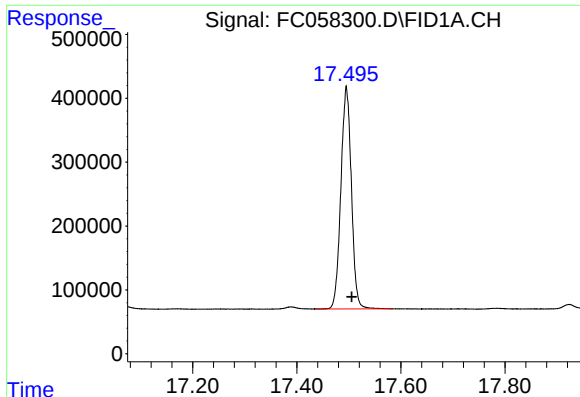
#15 n-Hexacosane (C26)

R.T.: 15.667 min
Delta R.T.: -0.011 min
Response: 5155531
Conc: 4.57 ug/ml



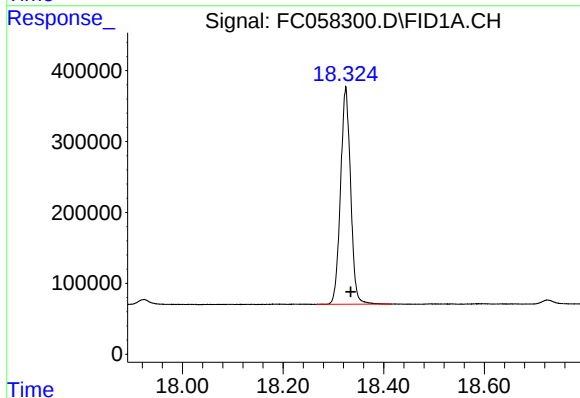
#16 n-Octacosane (C28)

R.T.: 16.612 min
Delta R.T.: -0.010 min
Response: 5073118
Conc: 4.63 ug/ml



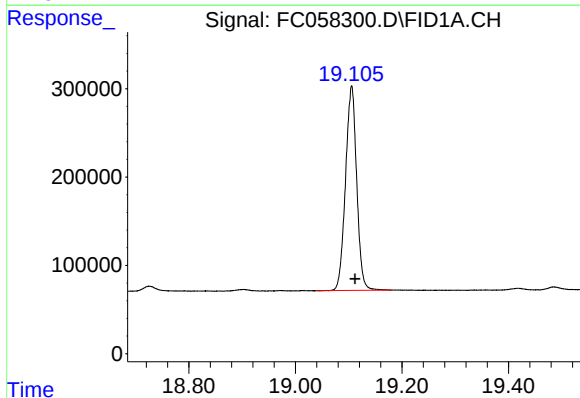
#17 n-Tricontane (C30)

R.T.: 17.495 min
Delta R.T.: -0.010 min
Response: 4874926
Conc: 4.71 ug/ml



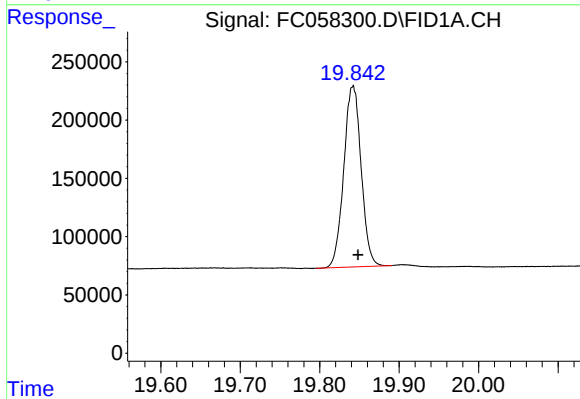
#18 n-Dotriacontane (C32)

R.T.: 18.324 min
Delta R.T.: -0.010 min
Response: 4245604
Conc: 4.70 ug/ml



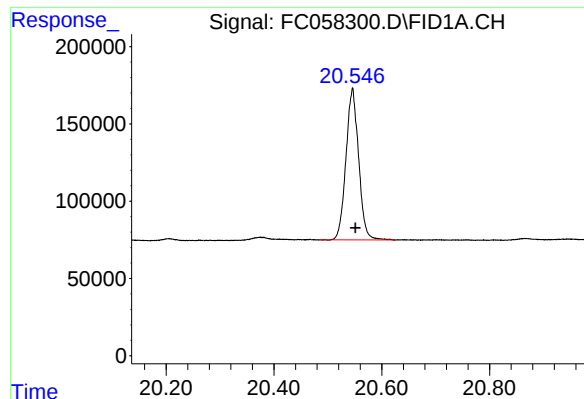
#19 n-Tetratriacontane (C34)

R.T.: 19.106 min
Delta R.T.: -0.006 min
Response: 3368918
Conc: 4.53 ug/ml



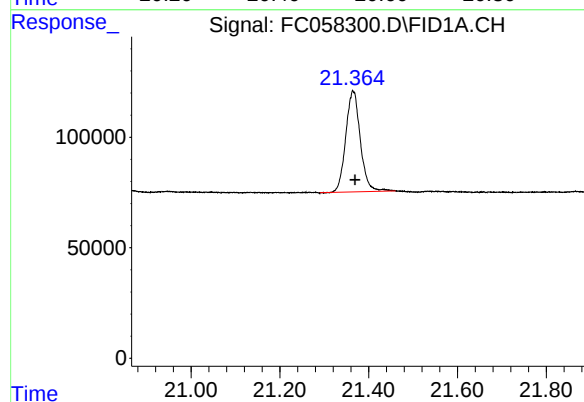
#20 n-Hexatriacontane (C36)

R.T.: 19.842 min
Delta R.T.: -0.007 min
Response: 2355992
Conc: 4.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.546 min
Delta R.T.: -0.005 min
Response: 1598534
Conc: 4.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.365 min
Delta R.T.: -0.005 min
Response: 1041849
Conc: 3.62 ug/ml