

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021522AL\
 Data File : FC058359.D
 Signal(s) : FID1A.CH
 Acq On : 16 Feb 2022 7:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 08:13:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021522.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 02:18:53 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)	11.375	28157043	20.067 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
12) S 1-chlorooctadecane (S...	12.807	21178047	20.236 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
Target Compounds			
1) T n-Nonane (C9)	3.355	23839424	20.151 ug/ml
2) T n-Decane (C10)	4.318	24094743	20.156 ug/ml
3) T A~Naphthalene (C11.7)	5.831	27145010	20.491 ug/ml
4) T n-Dodecane (C12)	6.267	25063497	20.147 ug/ml
5) T A~2-methylnaphthalene...	6.872	27123850	20.397 ug/ml
6) T n-Tetradecane (C14)	8.044	25051153	20.124 ug/ml
7) T n-Hexadecane (C16)	9.634	25187448	20.079 ug/ml
8) T n-Octadecane (C18)	11.070	25315311	20.060 ug/ml
10) T n-Eicosane (C20)	12.369	24950708	20.031 ug/ml
11) T n-Heneicosane (C21)	12.978	24910030	20.024 ug/ml
13) T n-Docosane (C22)	13.560	24741735	20.025 ug/ml
14) T n-Tetracosane (C24)	14.657	24343244	20.015 ug/ml
15) T n-Hexacosane (C26)	15.673	23588758	19.949 ug/ml
16) T n-Octacosane (C28)	16.618	22640438	19.800 ug/ml
17) T n-Tricontane (C30)	17.501	21352447	19.634 ug/ml
18) T n-Dotriacontane (C32)	18.329	19338276	20.416 ug/ml
19) T n-Tetratriacontane (C34)	19.108	16533500	19.258 ug/ml
20) T n-Hexatriacontane (C36)	19.844	13341123	19.056 ug/ml
21) T n-Octatriacontane (C38)	20.544	10576919	18.894 ug/ml
22) T n-Tetracontane (C40)	21.362	8127525	18.678 ug/mlm

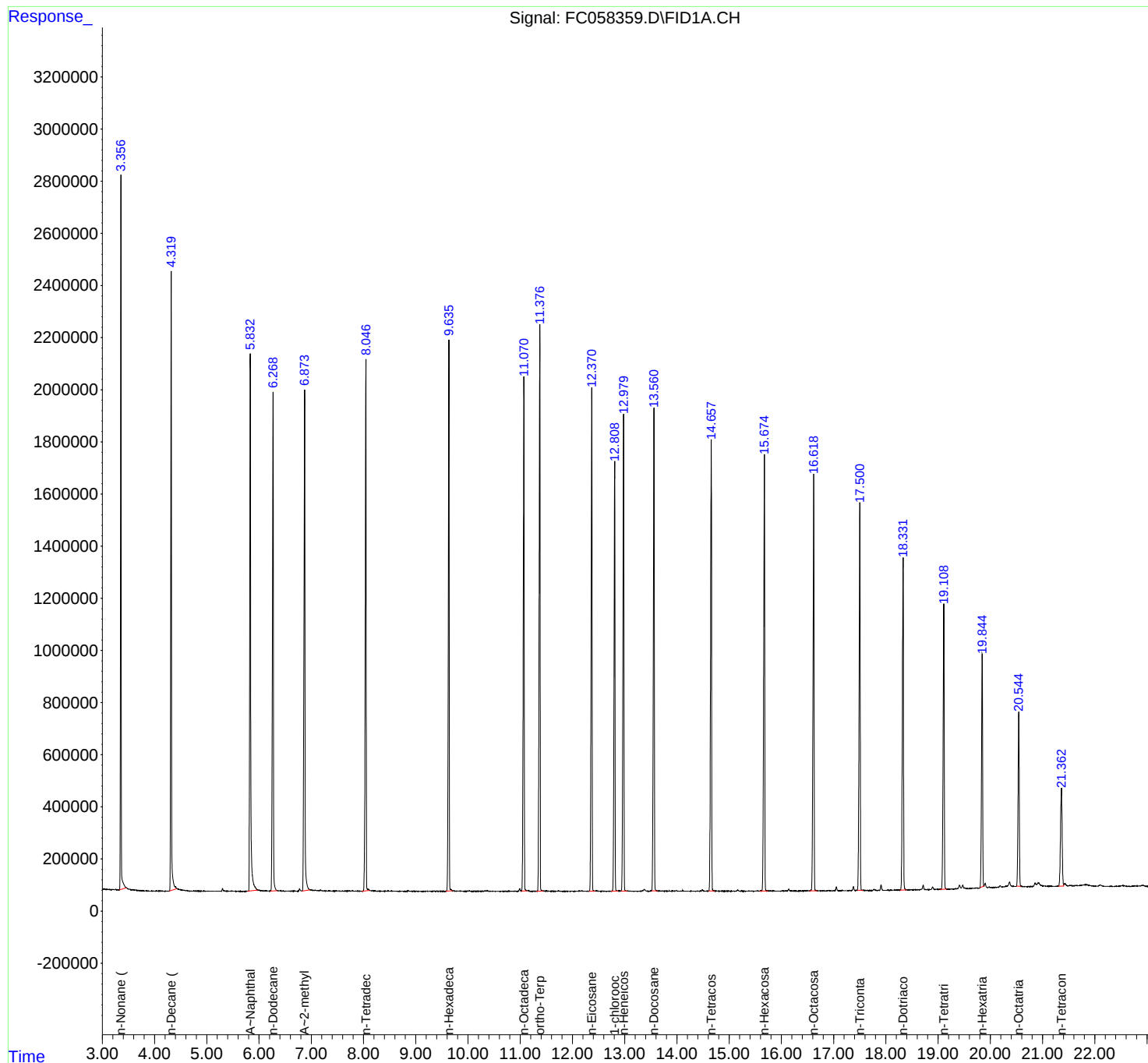
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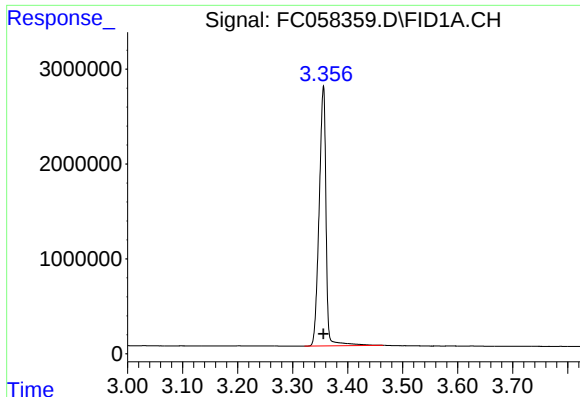
(m)=manual int.

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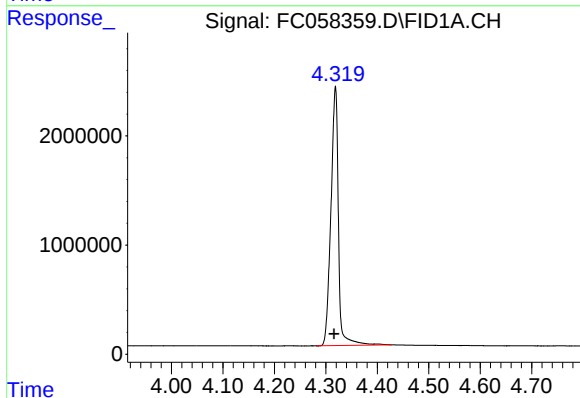
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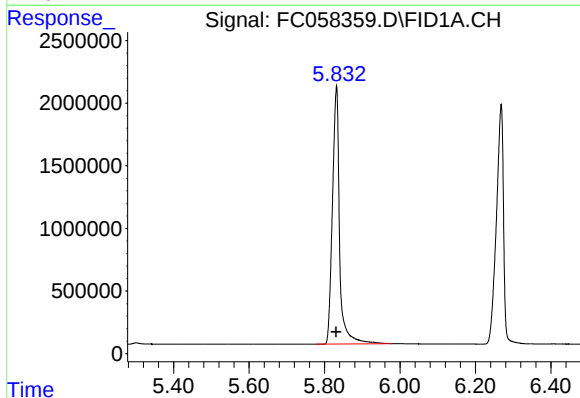
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 23839424
Conc: 20.15 ug/ml



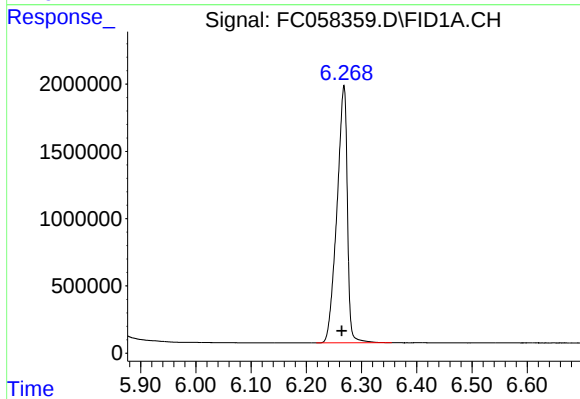
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: 0.002 min
Response: 24094743
Conc: 20.16 ug/ml



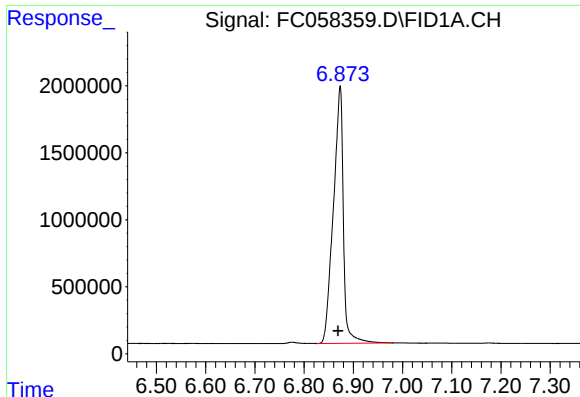
#3 A~Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 27145010
Conc: 20.49 ug/ml



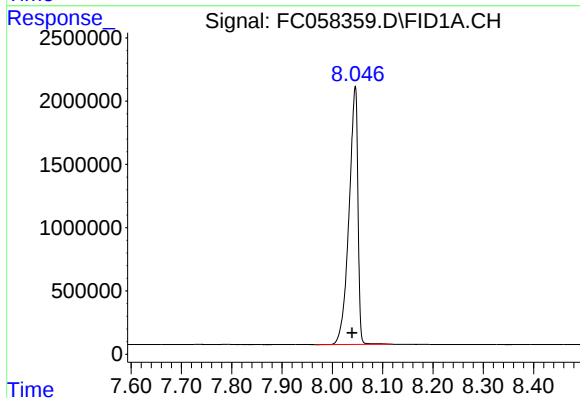
#4 n-Dodecane (C12)

R.T.: 6.267 min
Delta R.T.: 0.003 min
Response: 25063497
Conc: 20.15 ug/ml



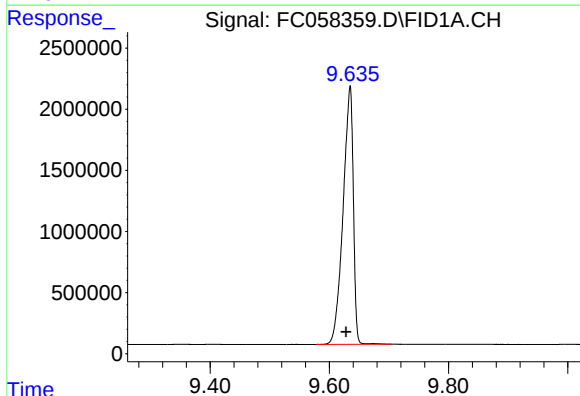
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.872 min
Delta R.T.: 0.003 min
Response: 27123850
Conc: 20.40 ug/ml



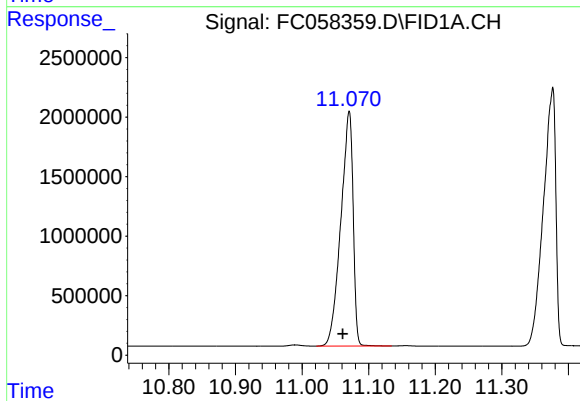
#6 n-Tetradecane (C14)

R.T.: 8.044 min
Delta R.T.: 0.005 min
Response: 25051153
Conc: 20.12 ug/ml



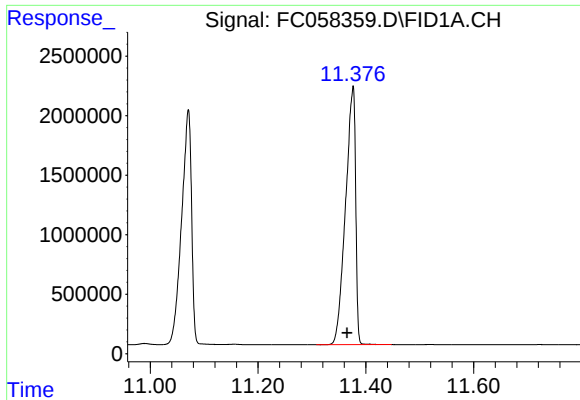
#7 n-Hexadecane (C16)

R.T.: 9.634 min
Delta R.T.: 0.006 min
Response: 25187448
Conc: 20.08 ug/ml



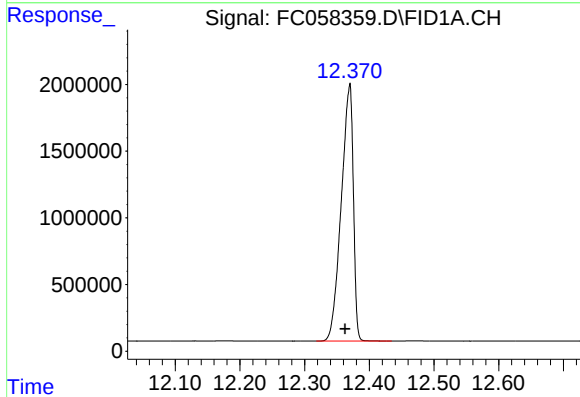
#8 n-Octadecane (C18)

R.T.: 11.070 min
Delta R.T.: 0.009 min
Response: 25315311
Conc: 20.06 ug/ml



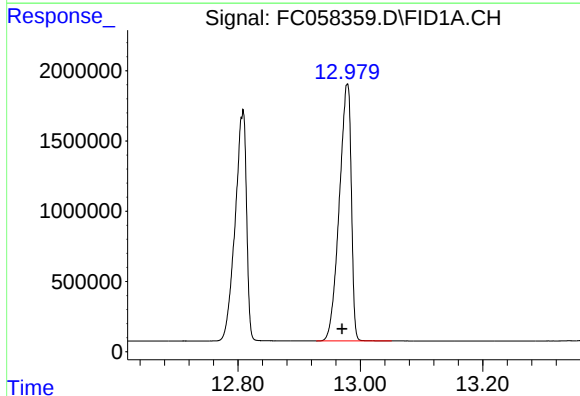
#9 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.009 min
Response: 28157043
Conc: 20.07 ug/ml



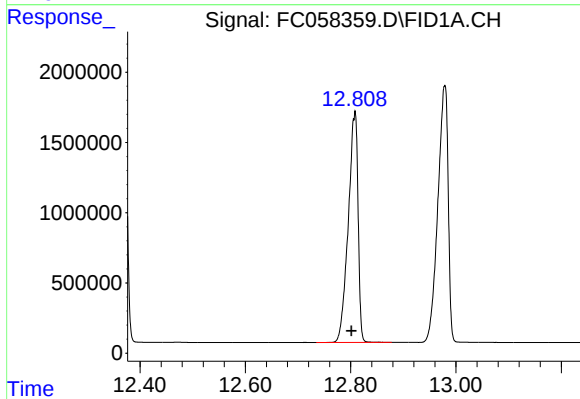
#10 n-Eicosane (C20)

R.T.: 12.369 min
Delta R.T.: 0.006 min
Response: 24950708
Conc: 20.03 ug/ml



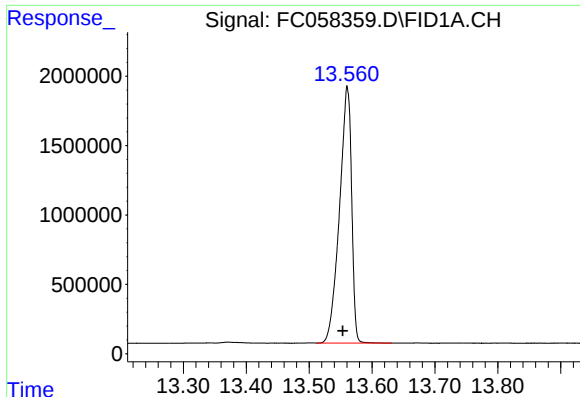
#11 n-Heneicosane (C21)

R.T.: 12.978 min
Delta R.T.: 0.008 min
Response: 24910030
Conc: 20.02 ug/ml



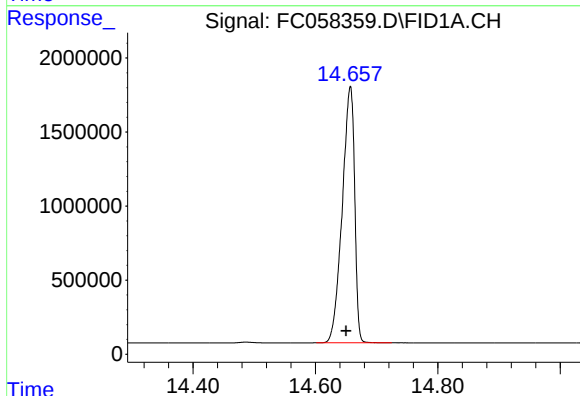
#12 1-chlorooctadecane (SURR)

R.T.: 12.807 min
Delta R.T.: 0.006 min
Response: 21178047
Conc: 20.24 ug/ml



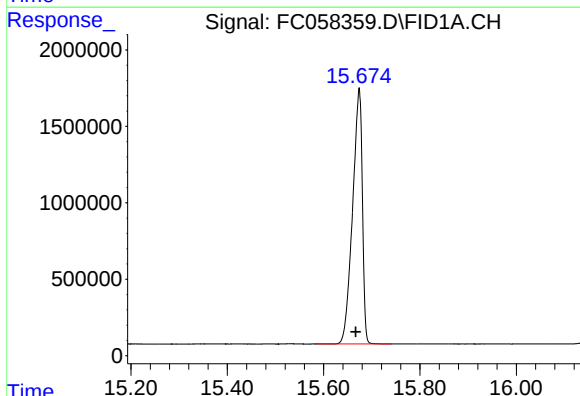
#13 n-Docosane (C22)

R.T.: 13.560 min
Delta R.T.: 0.007 min
Response: 24741735
Conc: 20.03 ug/ml



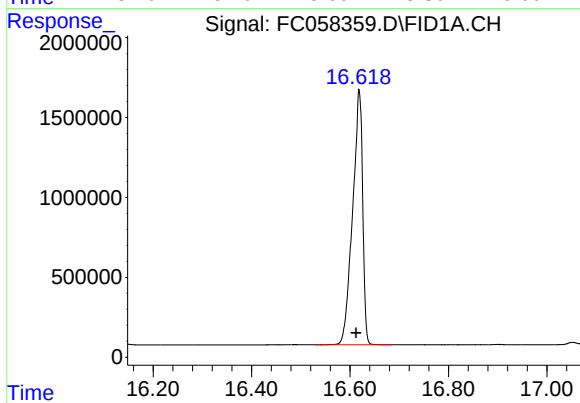
#14 n-Tetracosane (C24)

R.T.: 14.657 min
Delta R.T.: 0.006 min
Response: 24343244
Conc: 20.02 ug/ml



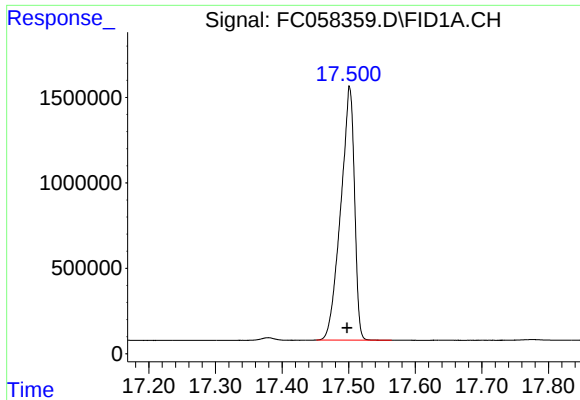
#15 n-Hexacosane (C26)

R.T.: 15.673 min
Delta R.T.: 0.007 min
Response: 23588758
Conc: 19.95 ug/ml



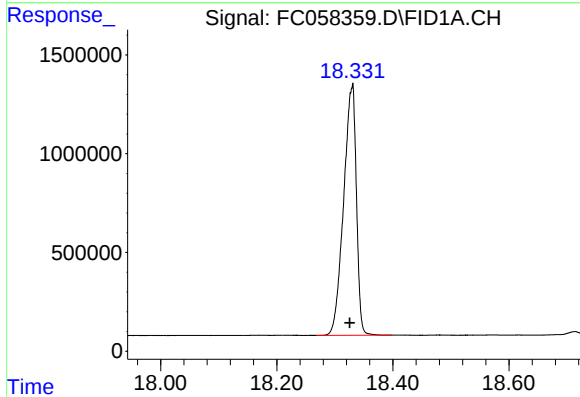
#16 n-Octacosane (C28)

R.T.: 16.618 min
Delta R.T.: 0.007 min
Response: 22640438
Conc: 19.80 ug/ml



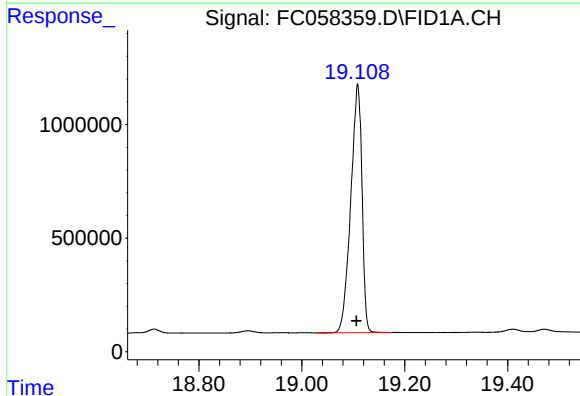
#17 n-Tricontane (C30)

R.T.: 17.501 min
Delta R.T.: 0.004 min
Response: 21352447
Conc: 19.63 ug/ml



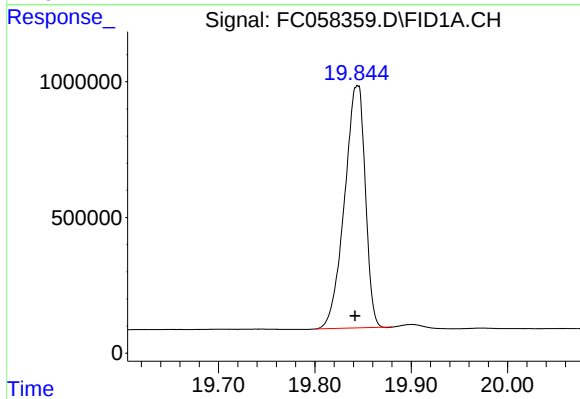
#18 n-Dotriacontane (C32)

R.T.: 18.329 min
Delta R.T.: 0.003 min
Response: 19338276
Conc: 20.42 ug/ml



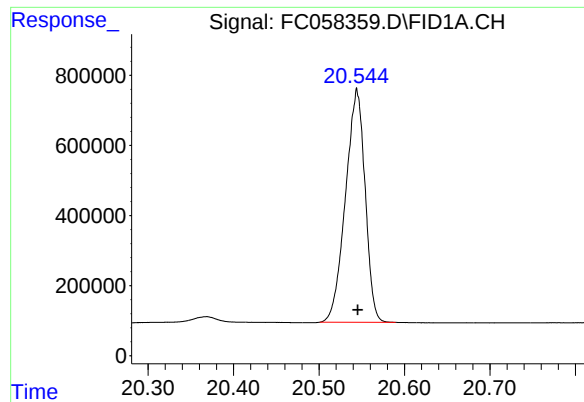
#19 n-Tetratriacontane (C34)

R.T.: 19.108 min
Delta R.T.: 0.003 min
Response: 16533500
Conc: 19.26 ug/ml



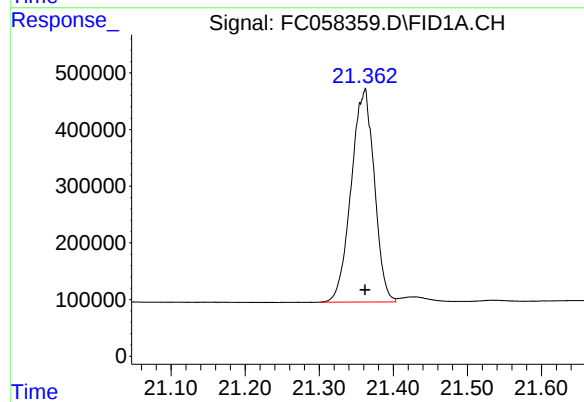
#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: 0.002 min
Response: 13341123
Conc: 19.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.544 min
Delta R.T.: -0.001 min
Response: 10576919
Conc: 18.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.362 min
Delta R.T.: 0.000 min
Response: 8127525
Conc: 18.68 ug/ml m