

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030822AL\
 Data File : FC058610.D
 Signal(s) : FID1A.CH
 Acq On : 08 Mar 2022 10:39
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 09 00:13:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.399	2695606	18.507 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
12) S 1-chlorooctadecane (S...	12.832	2051496	18.099 ug/ml
Spiked Amount 50.000		Recovery =	36.20%
Target Compounds			
1) T n-Nonane (C9)	3.254	2446989	20.349 ug/ml
2) T n-Decane (C10)	4.303	2437811	20.486 ug/ml
3) T A~Naphthalene (C11.7)	5.864	2646904	20.395 ug/ml
4) T n-Dodecane (C12)	6.298	2506399	20.374 ug/ml
5) T A~2-methylnaphthalene...	6.909	2627101	20.151 ug/ml
6) T n-Tetradecane (C14)	8.075	2523132	20.136 ug/ml
7) T n-Hexadecane (C16)	9.662	2512621	19.511 ug/ml
8) T n-Octadecane (C18)	11.094	2500646	19.003 ug/ml
10) T n-Eicosane (C20)	12.393	2434231	18.512 ug/ml
11) T n-Heneicosane (C21)	13.001	2414261	18.268 ug/ml
13) T n-Docosane (C22)	13.583	2402103	18.425 ug/ml
14) T n-Tetracosane (C24)	14.680	2388579	18.497 ug/ml
15) T n-Hexacosane (C26)	15.695	2327131	18.813 ug/ml
16) T n-Octacosane (C28)	16.640	2330588	19.579 ug/ml
17) T n-Tricontane (C30)	17.523	2336163	20.754 ug/ml
18) T n-Dotriacontane (C32)	18.352	2215475	20.603 ug/ml
19) T n-Tetratriacontane (C34)	19.131	2054092	21.200 ug/ml
20) T n-Hexatriacontane (C36)	19.869	1921920	21.303 ug/ml
21) T n-Octatriacontane (C38)	20.574	1823887	20.959 ug/ml
22) T n-Tetracontane (C40)	21.400	1848262	22.025 ug/ml

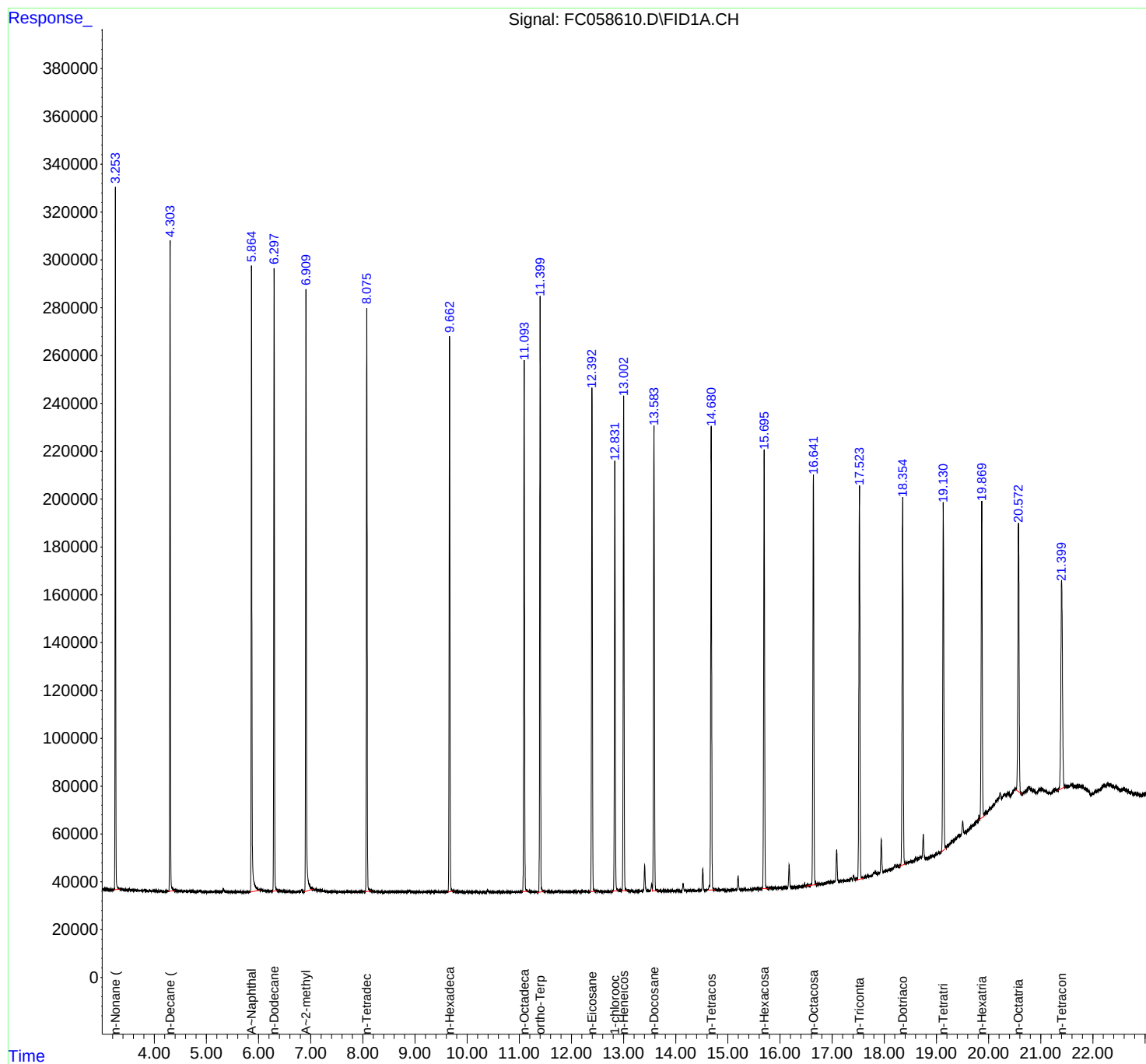
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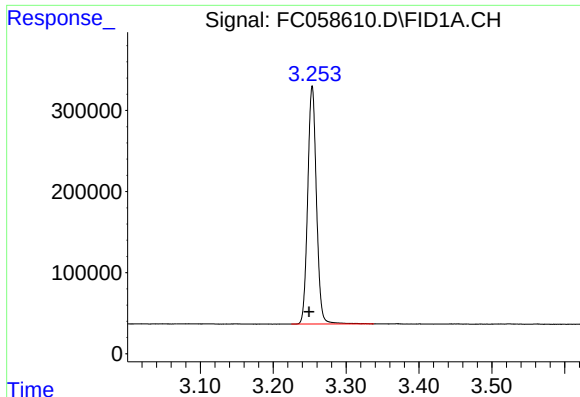
(m)=manual int.

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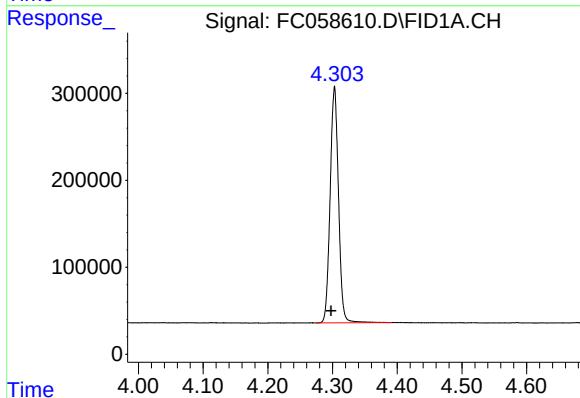
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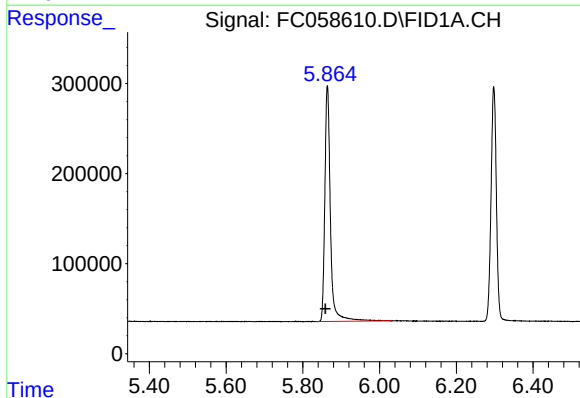
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: 0.005 min
Response: 2446989
Conc: 20.35 ug/ml



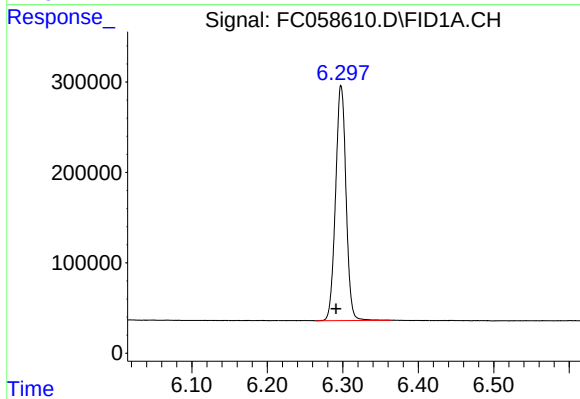
#2 n-Decane (C10)

R.T.: 4.303 min
Delta R.T.: 0.005 min
Response: 2437811
Conc: 20.49 ug/ml



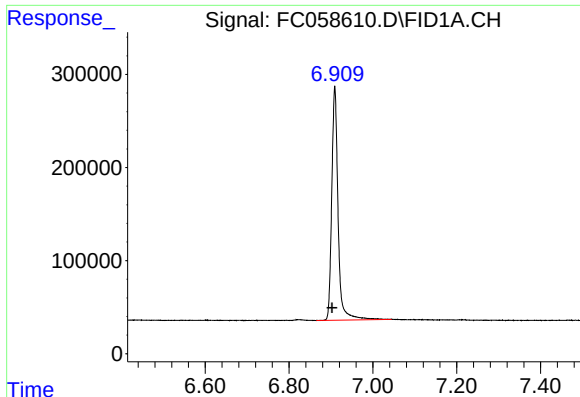
#3 A~Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: 0.005 min
Response: 2646904
Conc: 20.39 ug/ml



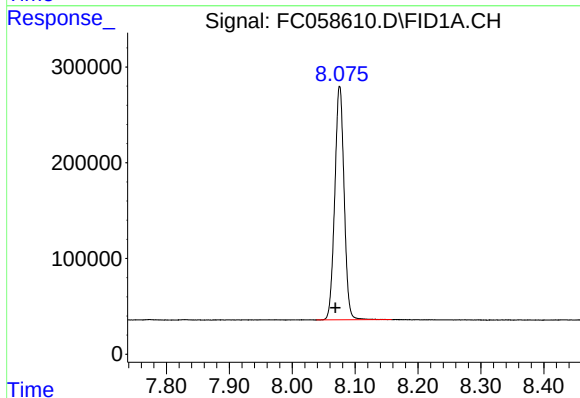
#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: 0.007 min
Response: 2506399
Conc: 20.37 ug/ml



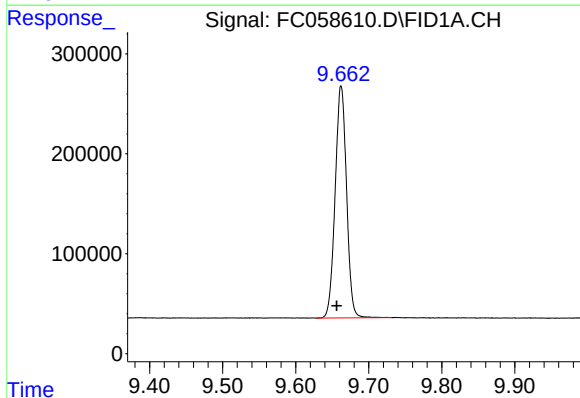
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: 0.006 min
Response: 2627101
Conc: 20.15 ug/ml



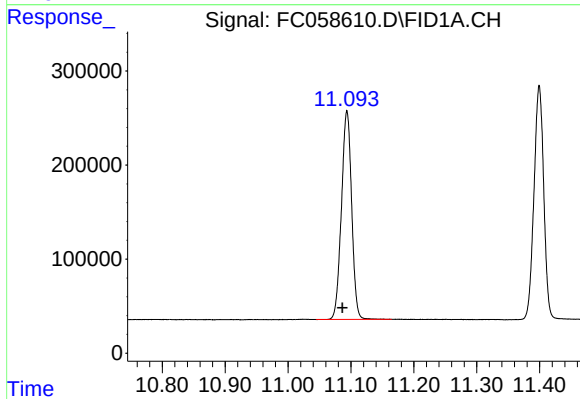
#6 n-Tetradecane (C14)

R.T.: 8.075 min
Delta R.T.: 0.007 min
Response: 2523132
Conc: 20.14 ug/ml



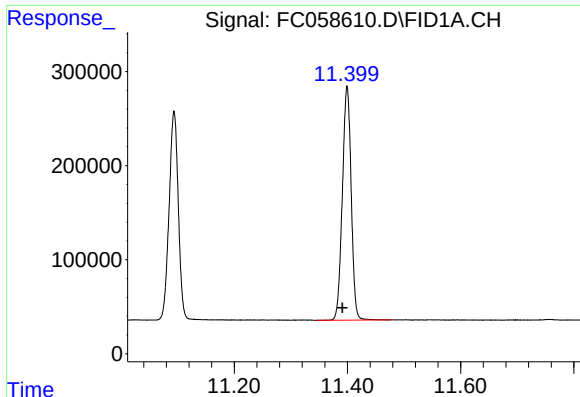
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: 0.006 min
Response: 2512621
Conc: 19.51 ug/ml



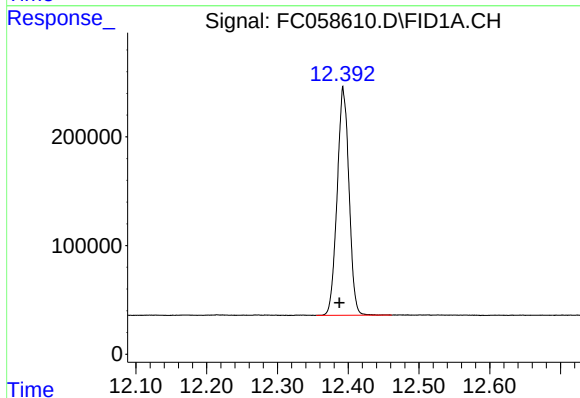
#8 n-Octadecane (C18)

R.T.: 11.094 min
Delta R.T.: 0.007 min
Response: 2500646
Conc: 19.00 ug/ml



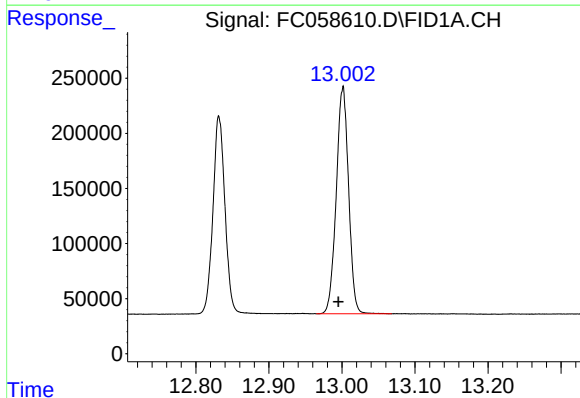
#9 ortho-Terphenyl (SURR)

R.T.: 11.399 min
Delta R.T.: 0.008 min
Response: 2695606
Conc: 18.51 ug/ml



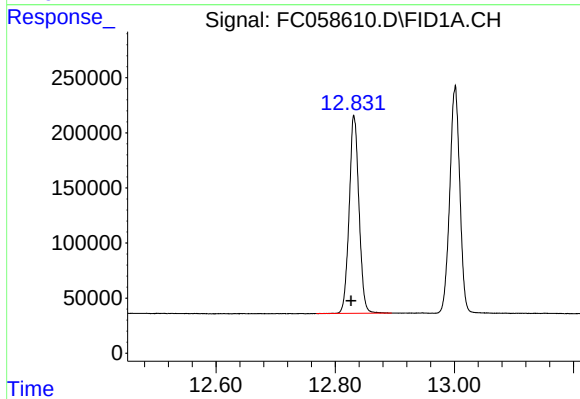
#10 n-Eicosane (C20)

R.T.: 12.393 min
Delta R.T.: 0.006 min
Response: 2434231
Conc: 18.51 ug/ml



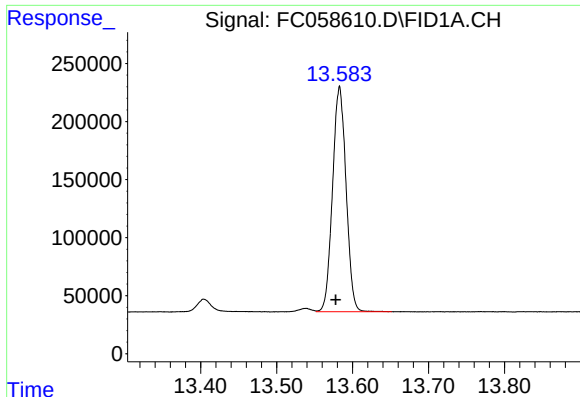
#11 n-Heneicosane (C21)

R.T.: 13.001 min
Delta R.T.: 0.006 min
Response: 2414261
Conc: 18.27 ug/ml



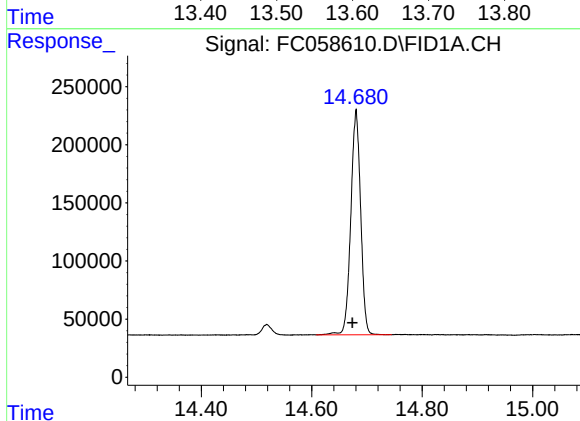
#12 1-chlorooctadecane (SURR)

R.T.: 12.832 min
Delta R.T.: 0.005 min
Response: 2051496
Conc: 18.10 ug/ml



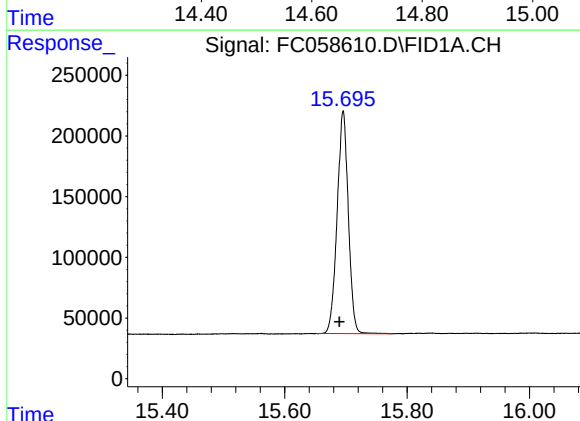
#13 n-Docosane (C22)

R.T.: 13.583 min
Delta R.T.: 0.005 min
Response: 2402103
Conc: 18.43 ug/ml



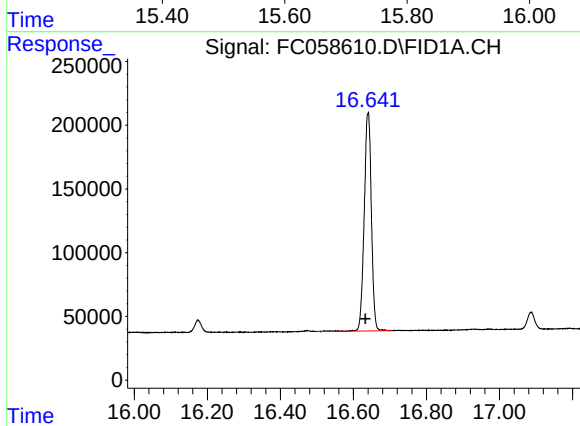
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: 0.006 min
Response: 2388579
Conc: 18.50 ug/ml



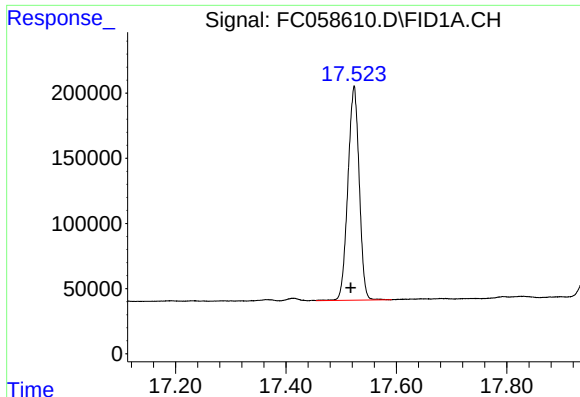
#15 n-Hexacosane (C26)

R.T.: 15.695 min
Delta R.T.: 0.006 min
Response: 2327131
Conc: 18.81 ug/ml



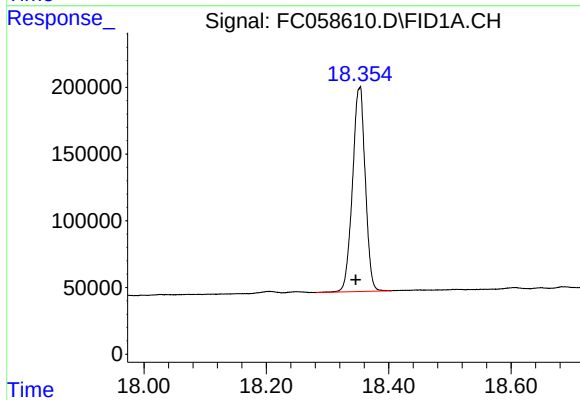
#16 n-Octacosane (C28)

R.T.: 16.640 min
Delta R.T.: 0.007 min
Response: 2330588
Conc: 19.58 ug/ml



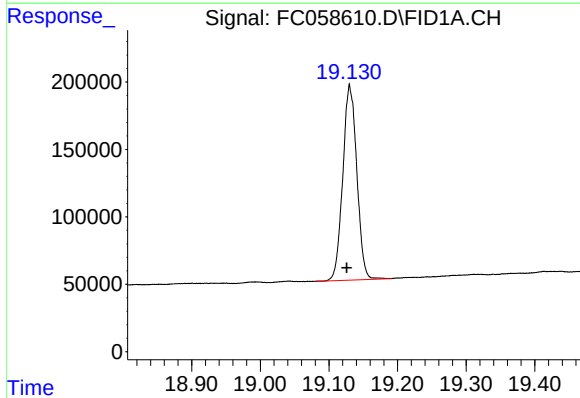
#17 n-Tricontane (C30)

R.T.: 17.523 min
Delta R.T.: 0.006 min
Response: 2336163
Conc: 20.75 ug/ml



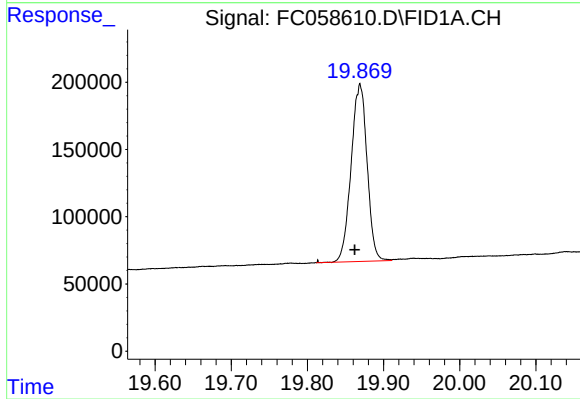
#18 n-Dotriacontane (C32)

R.T.: 18.352 min
Delta R.T.: 0.006 min
Response: 2215475
Conc: 20.60 ug/ml



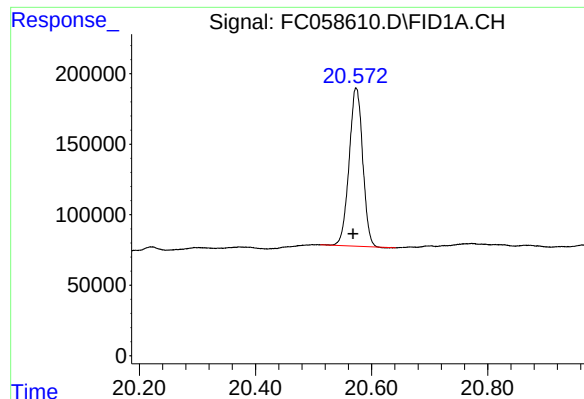
#19 n-Tetratriacontane (C34)

R.T.: 19.131 min
Delta R.T.: 0.005 min
Response: 2054092
Conc: 21.20 ug/ml



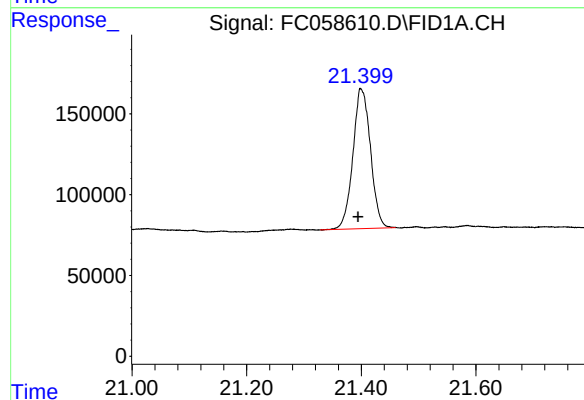
#20 n-Hexatriacontane (C36)

R.T.: 19.869 min
Delta R.T.: 0.007 min
Response: 1921920
Conc: 21.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.574 min
Delta R.T.: 0.006 min
Response: 1823887
Conc: 20.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.400 min
Delta R.T.: 0.005 min
Response: 1848262
Conc: 22.02 ug/ml