

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020822AL\
 Data File : FC058292.D
 Signal(s) : FID1A.CH
 Acq On : 09 Feb 2022 12:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 09 13:05:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 23:48:48 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)	11.377	29439043	21.338 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
12) S 1-chlorooctadecane (S...	12.811	21944025	22.171 ug/ml
Spiked Amount 50.000		Recovery =	44.34%
Target Compounds			
1) T n-Nonane (C9)	3.355	24699136	20.714 ug/ml
2) T n-Decane (C10)	4.319	25158417	20.936 ug/ml
3) T A~Naphthalene (C11.7)	5.832	28443387	21.234 ug/ml
4) T n-Dodecane (C12)	6.269	26360097	20.946 ug/ml
5) T A~2-methylnaphthalene...	6.873	28240539	21.438 ug/ml
6) T n-Tetradecane (C14)	8.045	26578676	21.035 ug/ml
7) T n-Hexadecane (C16)	9.636	26384612	21.108 ug/ml
8) T n-Octadecane (C18)	11.073	26529376	21.094 ug/ml
10) T n-Eicosane (C20)	12.372	25859490	21.224 ug/ml
11) T n-Heneicosane (C21)	12.982	25955019	21.287 ug/ml
13) T n-Docosane (C22)	13.565	25564902	21.411 ug/ml
14) T n-Tetracosane (C24)	14.664	25241976	21.622 ug/ml
15) T n-Hexacosane (C26)	15.679	24253619	21.668 ug/ml
16) T n-Octacosane (C28)	16.625	23538095	21.630 ug/ml
17) T n-Tricontane (C30)	17.509	22289200	21.579 ug/ml
18) T n-Dotriacontane (C32)	18.337	19543898	21.397 ug/ml
19) T n-Tetratriacontane (C34)	19.116	16081487	21.374 ug/ml
20) T n-Hexatriacontane (C36)	19.850	12571940	21.901 ug/ml
21) T n-Octatriacontane (C38)	20.554	9215493	22.409 ug/ml
22) T n-Tetracontane (C40)	21.373	6943979	25.313 ug/ml

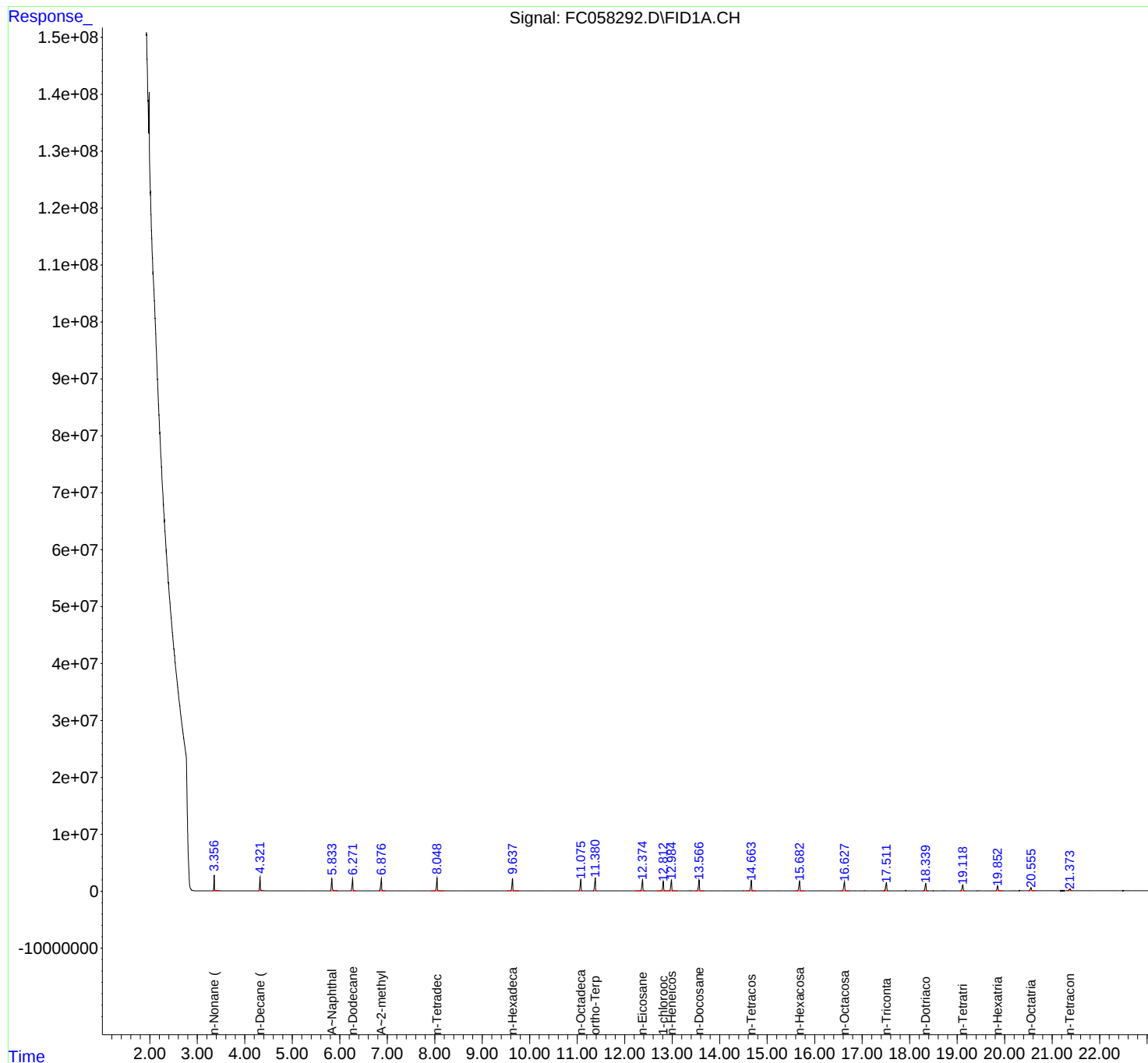
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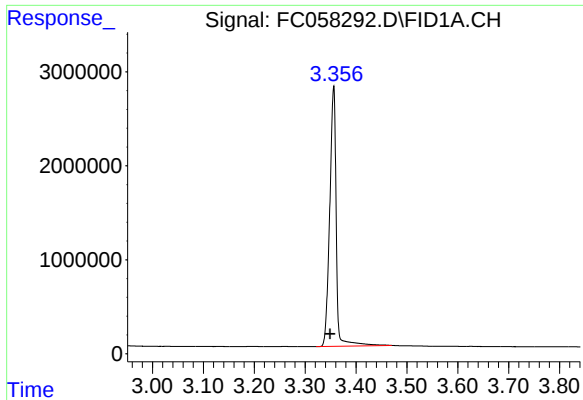
(m)=manual int.

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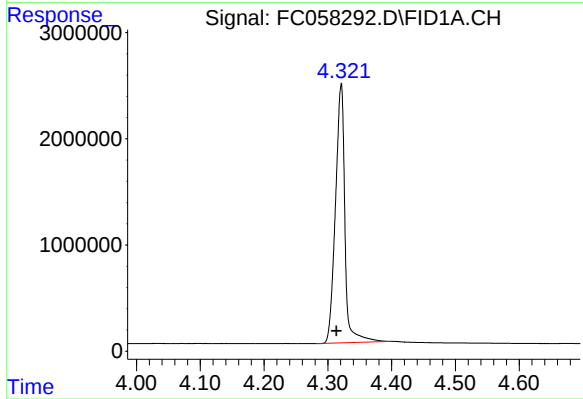
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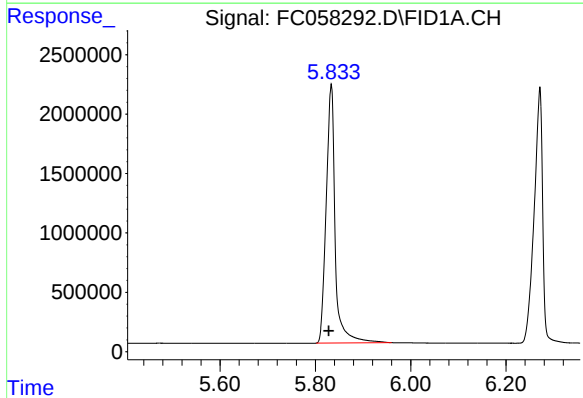
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: 0.006 min
Response: 24699136
Conc: 20.71 ug/ml



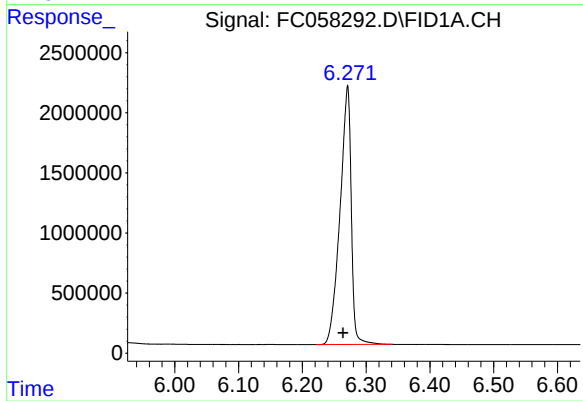
#2 n-Decane (C10)

R.T.: 4.319 min
Delta R.T.: 0.006 min
Response: 25158417
Conc: 20.94 ug/ml



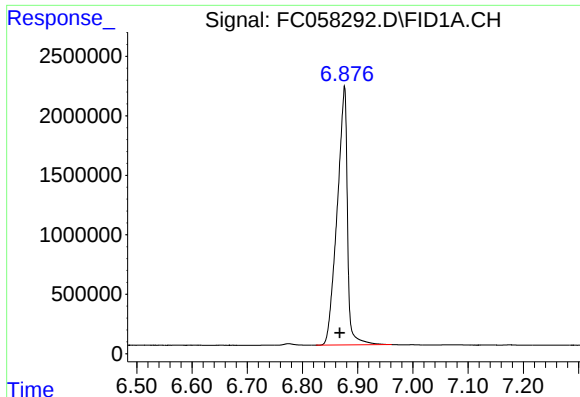
#3 A~Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: 0.004 min
Response: 28443387
Conc: 21.23 ug/ml



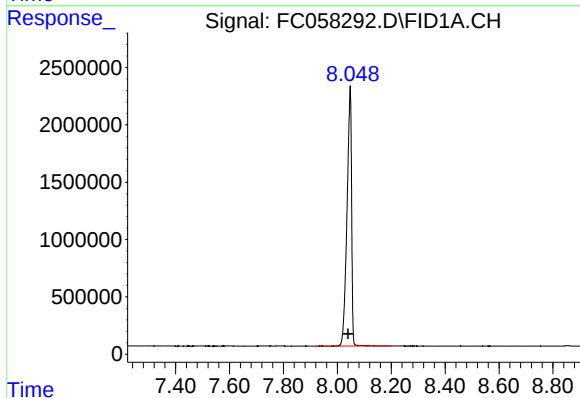
#4 n-Dodecane (C12)

R.T.: 6.269 min
Delta R.T.: 0.005 min
Response: 26360097
Conc: 20.95 ug/ml



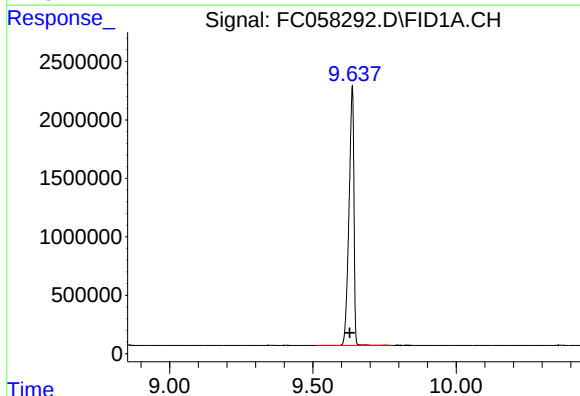
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.873 min
Delta R.T.: 0.006 min
Response: 28240539
Conc: 21.44 ug/ml



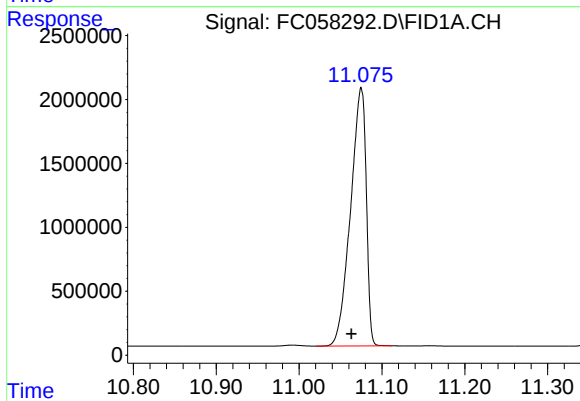
#6 n-Tetradecane (C14)

R.T.: 8.045 min
Delta R.T.: 0.006 min
Response: 26578676
Conc: 21.03 ug/ml



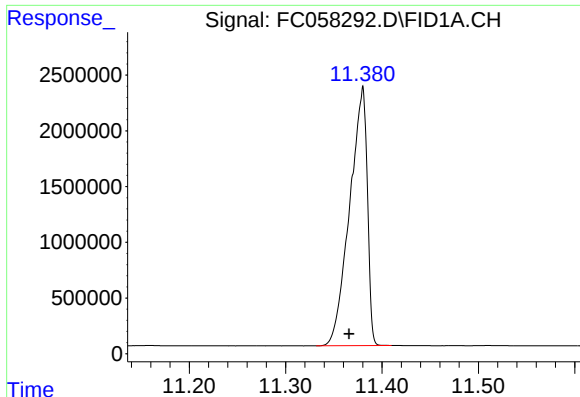
#7 n-Hexadecane (C16)

R.T.: 9.636 min
Delta R.T.: 0.007 min
Response: 26384612
Conc: 21.11 ug/ml



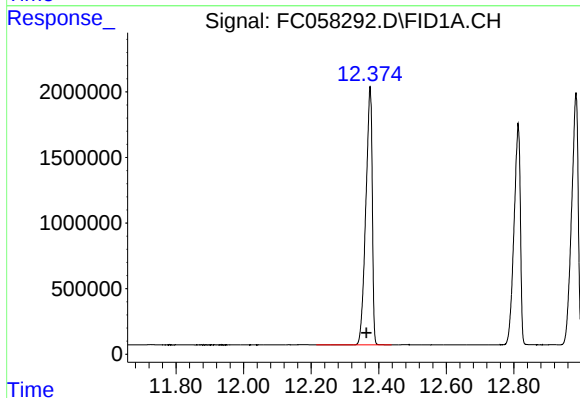
#8 n-Octadecane (C18)

R.T.: 11.073 min
Delta R.T.: 0.010 min
Response: 26529376
Conc: 21.09 ug/ml



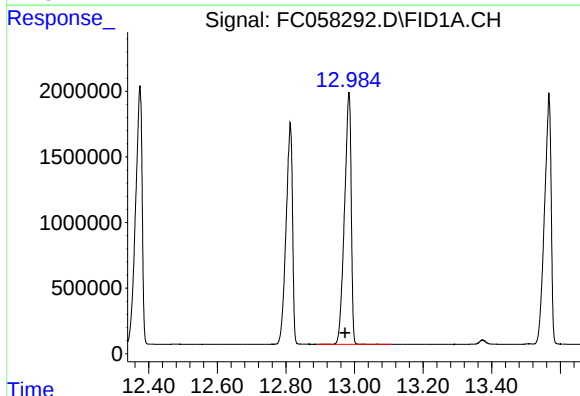
#9 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: 0.011 min
Response: 29439043
Conc: 21.34 ug/ml



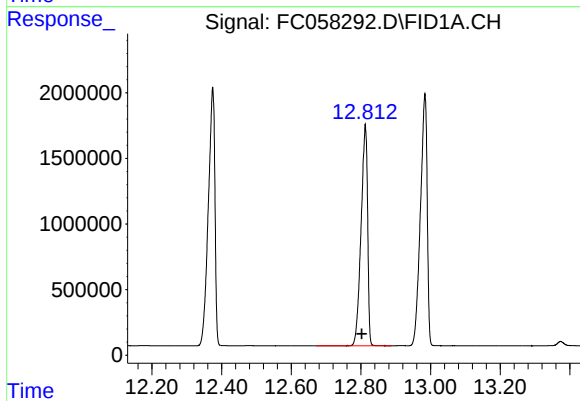
#10 n-Eicosane (C20)

R.T.: 12.372 min
Delta R.T.: 0.008 min
Response: 25859490
Conc: 21.22 ug/ml



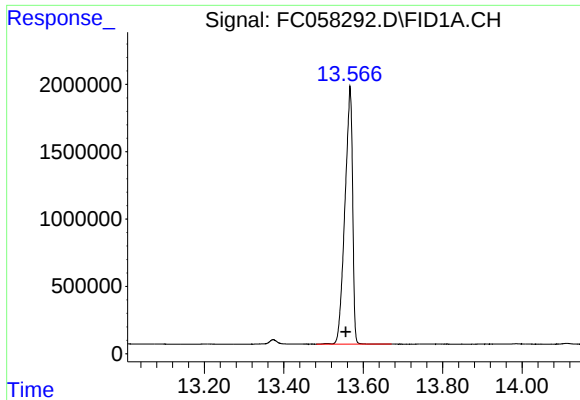
#11 n-Heneicosane (C21)

R.T.: 12.982 min
Delta R.T.: 0.009 min
Response: 25955019
Conc: 21.29 ug/ml



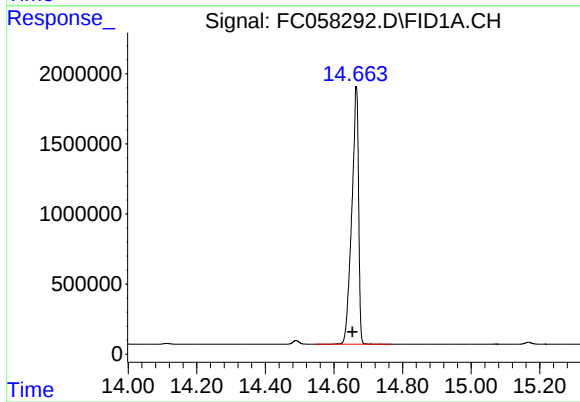
#12 1-chlorooctadecane (SURR)

R.T.: 12.811 min
Delta R.T.: 0.009 min
Response: 21944025
Conc: 22.17 ug/ml



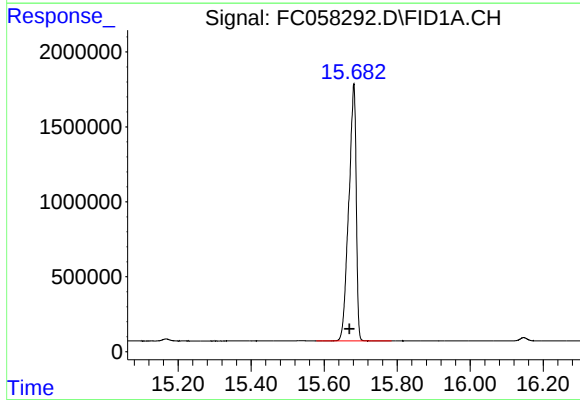
#13 n-Docosane (C22)

R.T.: 13.565 min
Delta R.T.: 0.009 min
Response: 25564902
Conc: 21.41 ug/ml



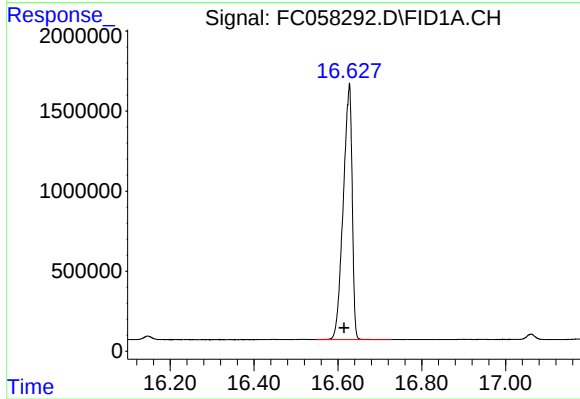
#14 n-Tetracosane (C24)

R.T.: 14.664 min
Delta R.T.: 0.010 min
Response: 25241976
Conc: 21.62 ug/ml



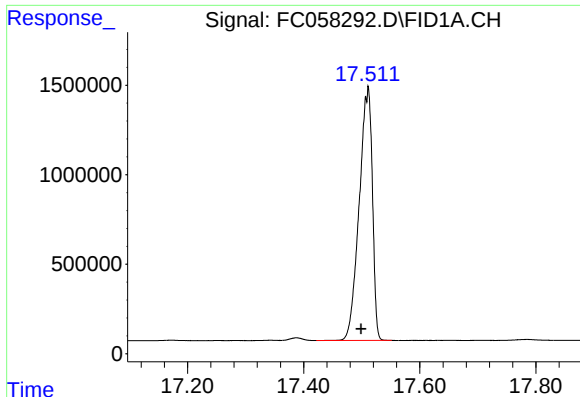
#15 n-Hexacosane (C26)

R.T.: 15.679 min
Delta R.T.: 0.010 min
Response: 24253619
Conc: 21.67 ug/ml



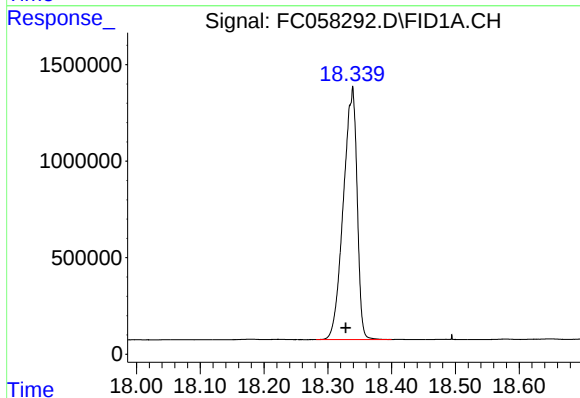
#16 n-Octacosane (C28)

R.T.: 16.625 min
Delta R.T.: 0.010 min
Response: 23538095
Conc: 21.63 ug/ml



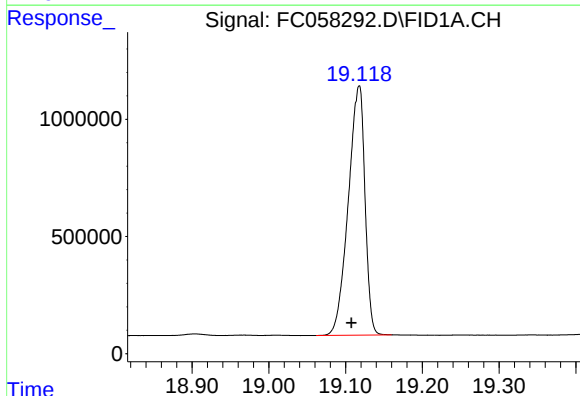
#17 n-Tricontane (C30)

R.T.: 17.509 min
Delta R.T.: 0.010 min
Response: 22289200
Conc: 21.58 ug/ml



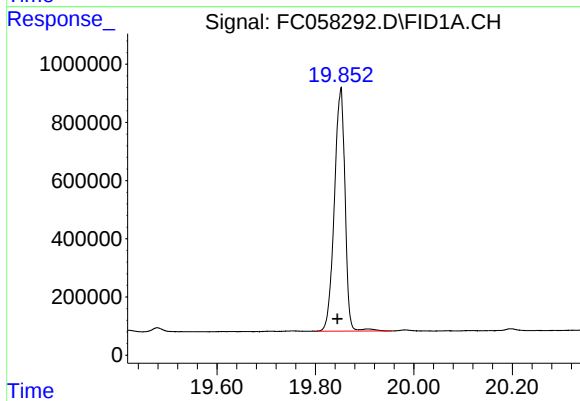
#18 n-Dotriacontane (C32)

R.T.: 18.337 min
Delta R.T.: 0.009 min
Response: 19543898
Conc: 21.40 ug/ml



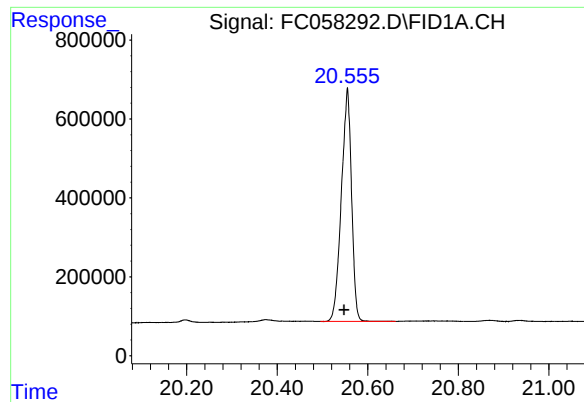
#19 n-Tetratriacontane (C34)

R.T.: 19.116 min
Delta R.T.: 0.008 min
Response: 16081487
Conc: 21.37 ug/ml



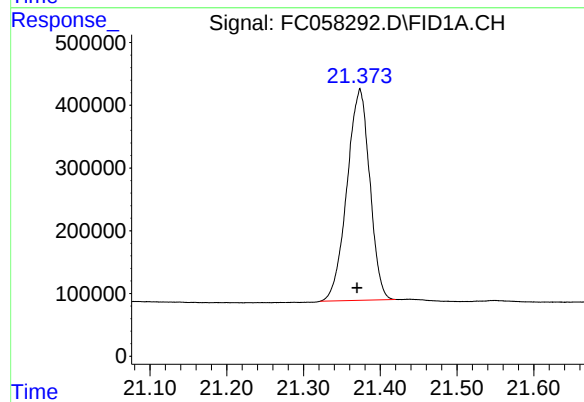
#20 n-Hexatriacontane (C36)

R.T.: 19.850 min
Delta R.T.: 0.005 min
Response: 12571940
Conc: 21.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.554 min
Delta R.T.: 0.007 min
Response: 9215493
Conc: 22.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.373 min
Delta R.T.: 0.003 min
Response: 6943979
Conc: 25.31 ug/ml