

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050522AL\
 Data File : FC059577.D
 Signal(s) : FID1A.CH
 Acq On : 05 May 2022 12:54
 Operator : UA/NP
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 05 15:21:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Thu May 05 15:19:02 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)	10.764	14129889	95.589 ug/ml
Spiked Amount 50.000		Recovery =	191.18%
12) S 1-chlorooctadecane (S...	12.126	11045095	95.026 ug/ml
Spiked Amount 50.000		Recovery =	190.05%
Target Compounds			
1) T n-Nonane (C9)	2.688	12427419	96.576 ug/ml
2) T n-Decane (C10)	3.697	12423581	96.831 ug/ml
3) T A~Naphthalene (C11.7)	5.259	14400508	96.317 ug/ml
4) T n-Dodecane (C12)	5.662	12819130	95.872 ug/ml
5) T A~2-methylnaphthalene...	6.288	14678375	95.595 ug/ml
6) T n-Tetradecane (C14)	7.420	13054924	95.778 ug/ml
7) T n-Hexadecane (C16)	8.989	13237626	95.345 ug/ml
8) T n-Octadecane (C18)	10.404	13272366	95.212 ug/ml
10) T n-Eicosane (C20)	11.684	12911314	94.958 ug/ml
11) T n-Heneicosane (C21)	12.284	12760471	94.878 ug/ml
13) T n-Docosane (C22)	12.858	12531921	94.864 ug/ml
14) T n-Tetracosane (C24)	13.937	12007485	95.354 ug/ml
15) T n-Hexacosane (C26)	14.936	11409387	95.490 ug/ml
16) T n-Octacosane (C28)	15.866	10878900	95.675 ug/ml
17) T n-Tricontane (C30)	16.735	10492043	95.872 ug/ml
18) T n-Dotriacontane (C32)	17.549	9886194	95.912 ug/ml
19) T n-Tetratriacontane (C34)	18.315	9427103	95.862 ug/ml
20) T n-Hexatriacontane (C36)	19.040	9068089	96.932 ug/ml
21) T n-Octatriacontane (C38)	19.725	8960118	95.055 ug/ml
22) T n-Tetracontane (C40)	20.374	9160099	96.644 ug/ml

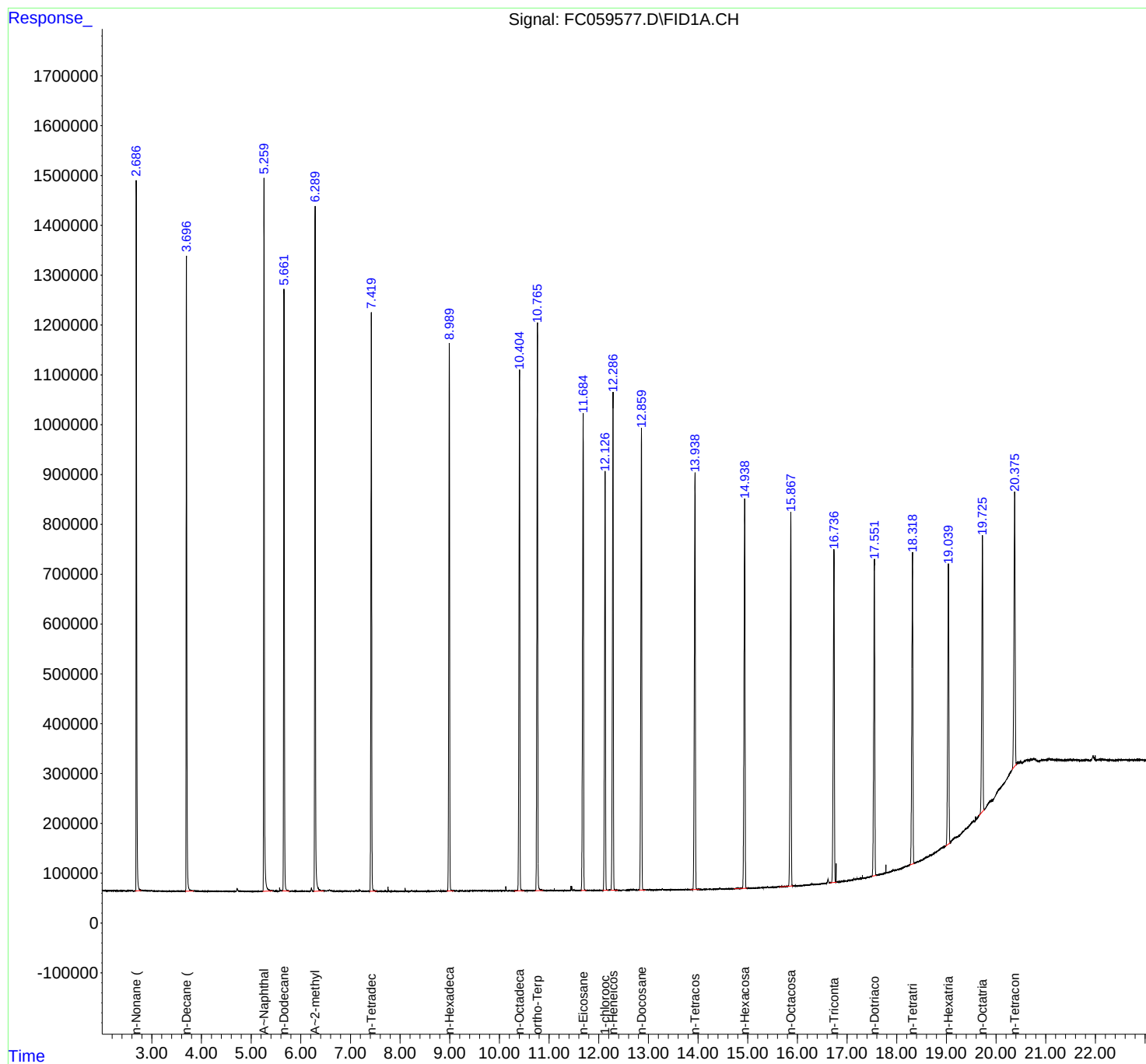
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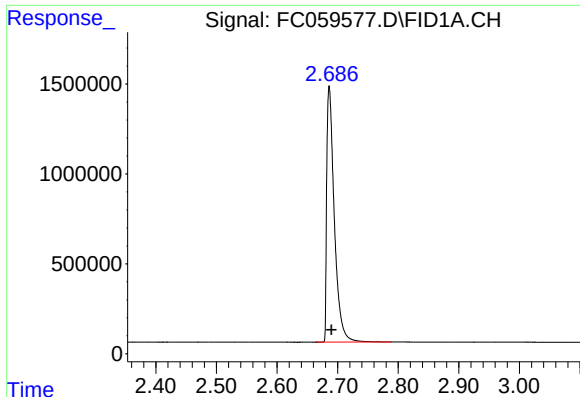
(m)=manual int.

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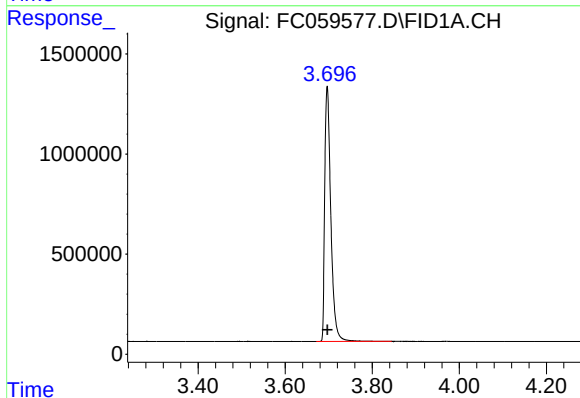
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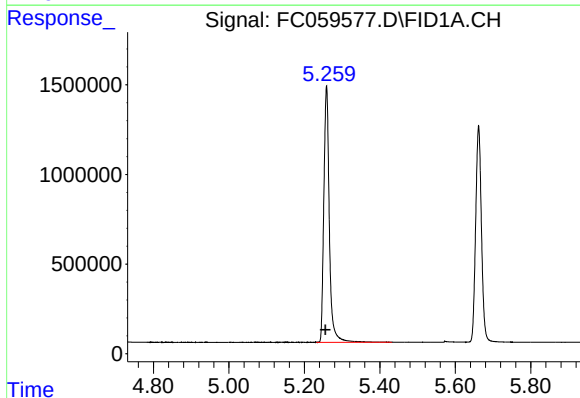
#1 n-Nonane (C9)

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 12427419
Conc: 96.58 ug/ml



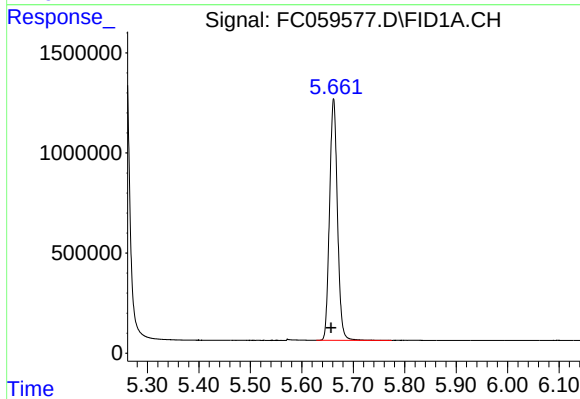
#2 n-Decane (C10)

R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 12423581
Conc: 96.83 ug/ml



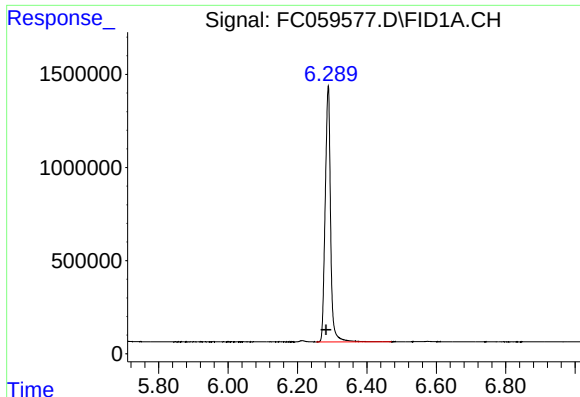
#3 A~Naphthalene (C11.7)

R.T.: 5.259 min
Delta R.T.: 0.003 min
Response: 14400508
Conc: 96.32 ug/ml



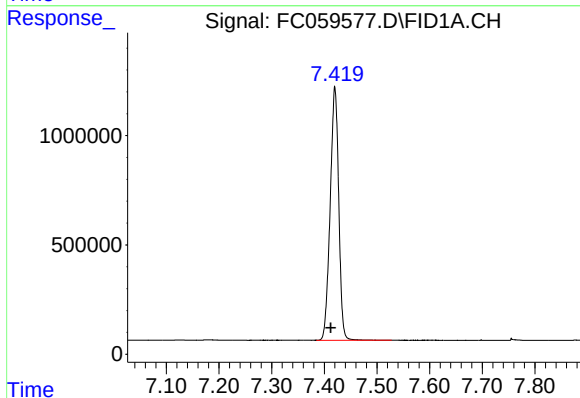
#4 n-Dodecane (C12)

R.T.: 5.662 min
Delta R.T.: 0.005 min
Response: 12819130
Conc: 95.87 ug/ml



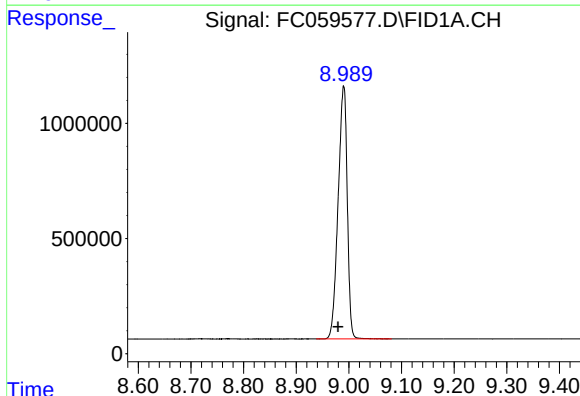
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.288 min
Delta R.T.: 0.006 min
Response: 14678375
Conc: 95.60 ug/ml



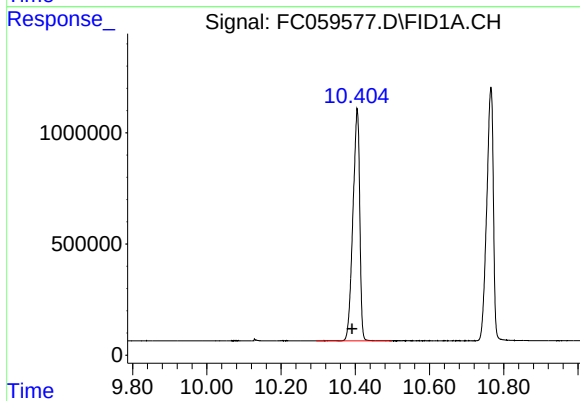
#6 n-Tetradecane (C14)

R.T.: 7.420 min
Delta R.T.: 0.008 min
Response: 13054924
Conc: 95.78 ug/ml



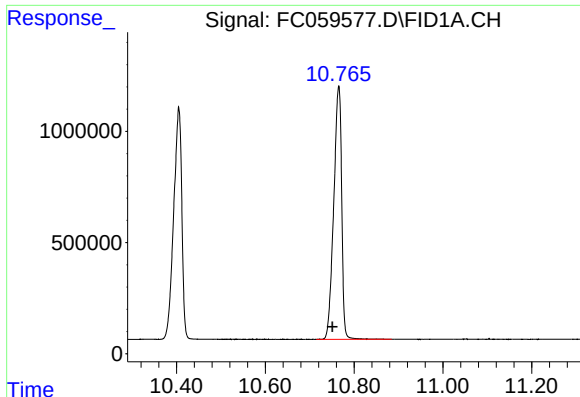
#7 n-Hexadecane (C16)

R.T.: 8.989 min
Delta R.T.: 0.009 min
Response: 13237626
Conc: 95.34 ug/ml



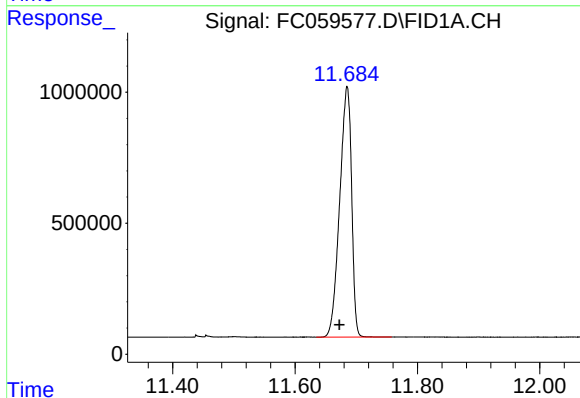
#8 n-Octadecane (C18)

R.T.: 10.404 min
Delta R.T.: 0.013 min
Response: 13272366
Conc: 95.21 ug/ml



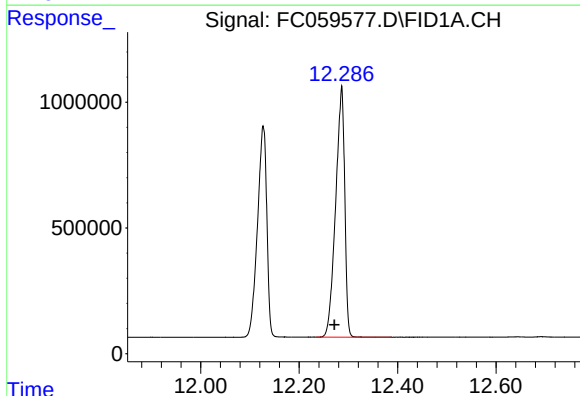
#9 ortho-Terphenyl (SURR)

R.T.: 10.764 min
Delta R.T.: 0.013 min
Response: 14129889
Conc: 95.59 ug/ml



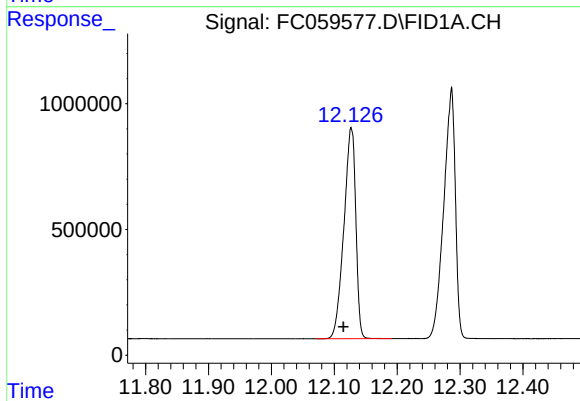
#10 n-Eicosane (C20)

R.T.: 11.684 min
Delta R.T.: 0.011 min
Response: 12911314
Conc: 94.96 ug/ml



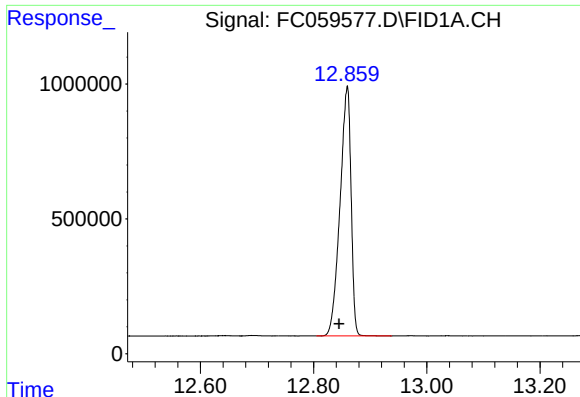
#11 n-Heneicosane (C21)

R.T.: 12.284 min
Delta R.T.: 0.013 min
Response: 12760471
Conc: 94.88 ug/ml



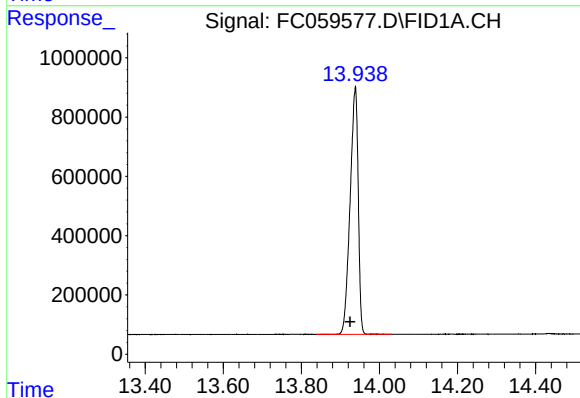
#12 1-chlorooctadecane (SURR)

R.T.: 12.126 min
Delta R.T.: 0.011 min
Response: 11045095
Conc: 95.03 ug/ml



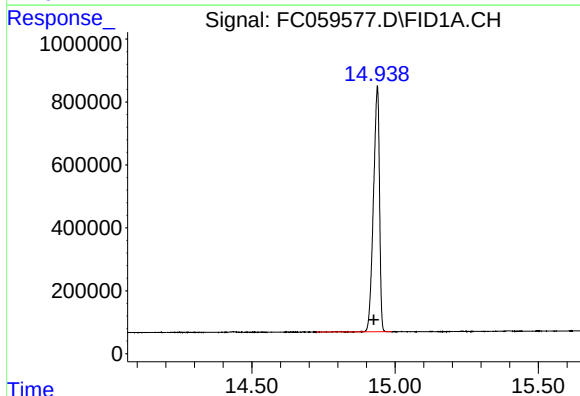
#13 n-Docosane (C22)

R.T.: 12.858 min
Delta R.T.: 0.013 min
Response: 12531921
Conc: 94.86 ug/ml



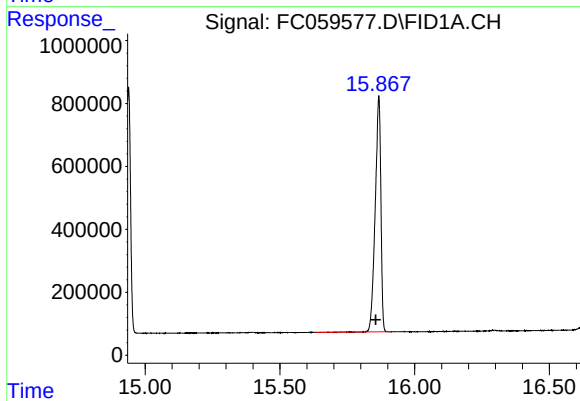
#14 n-Tetracosane (C24)

R.T.: 13.937 min
Delta R.T.: 0.011 min
Response: 12007485
Conc: 95.35 ug/ml



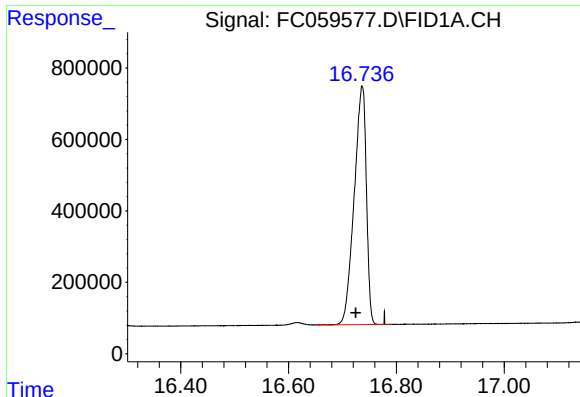
#15 n-Hexacosane (C26)

R.T.: 14.936 min
Delta R.T.: 0.011 min
Response: 11409387
Conc: 95.49 ug/ml



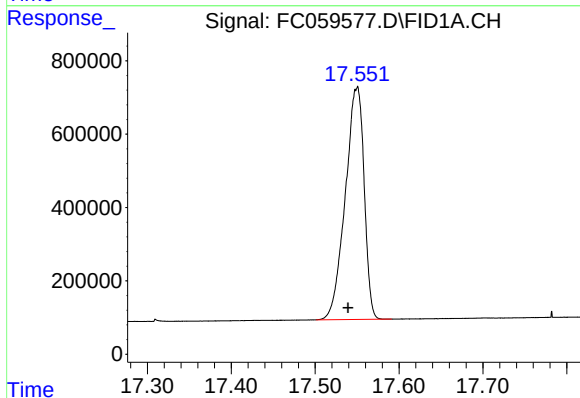
#16 n-Octacosane (C28)

R.T.: 15.866 min
Delta R.T.: 0.010 min
Response: 10878900
Conc: 95.67 ug/ml



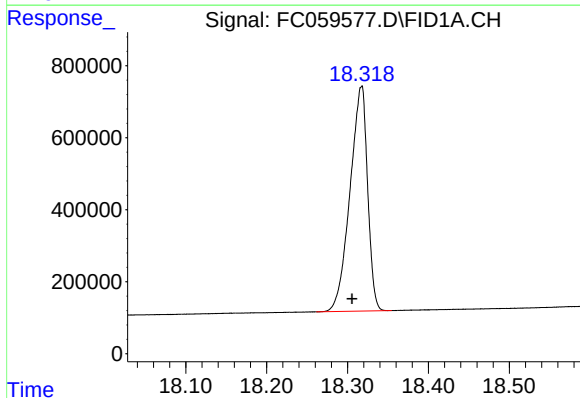
#17 n-Tricontane (C30)

R.T.: 16.735 min
Delta R.T.: 0.010 min
Response: 10492043
Conc: 95.87 ug/ml



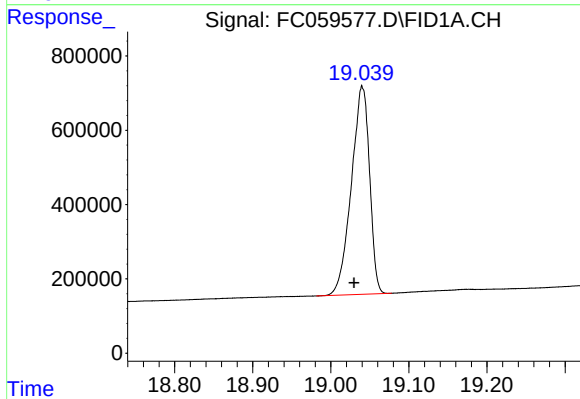
#18 n-Dotriacontane (C32)

R.T.: 17.549 min
Delta R.T.: 0.009 min
Response: 9886194
Conc: 95.91 ug/ml



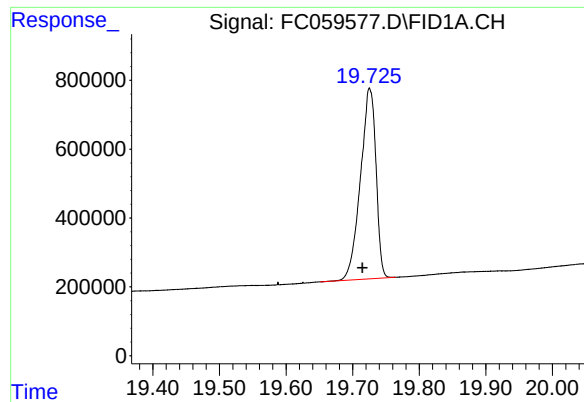
#19 n-Tetratriacontane (C34)

R.T.: 18.315 min
Delta R.T.: 0.010 min
Response: 9427103
Conc: 95.86 ug/ml



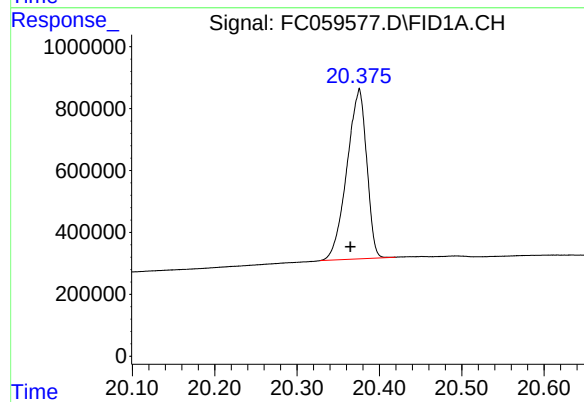
#20 n-Hexatriacontane (C36)

R.T.: 19.040 min
Delta R.T.: 0.010 min
Response: 9068089
Conc: 96.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.725 min
Delta R.T.: 0.010 min
Response: 8960118
Conc: 95.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.374 min
Delta R.T.: 0.009 min
Response: 9160099
Conc: 96.64 ug/ml