

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073021AL\
 Data File : FC054958.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jul 2021 12:57
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 02 00:41:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 2021
 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)	11.310	2743599	19.724 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	12.754	2135239	19.208 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T n-Nonane (C9)	3.127	2475302	21.573 ug/ml
2) T n-Decane (C10)	4.180	2551122	21.952 ug/ml
3) T A~Naphthalene (C11.7)	5.747	2678170	22.259 ug/ml
4) T n-Dodecane (C12)	6.185	2632815	22.028 ug/ml
5) T A~2-methylnaphthalene...	6.799	2730350	22.357 ug/ml
6) T n-Tetradecane (C14)	7.973	2680382	21.788 ug/ml
7) T n-Hexadecane (C16)	9.569	2693068	21.363 ug/ml
8) T n-Octadecane (C18)	11.007	2699702	20.596 ug/ml
10) T n-Eicosane (C20)	12.312	2605295	19.772 ug/ml
11) T n-Heneicosane (C21)	12.923	2579257	19.367 ug/ml
13) T n-Docosane (C22)	13.508	2555710	19.299 ug/ml
14) T n-Tetracosane (C24)	14.609	2445072	18.545 ug/ml
15) T n-Hexacosane (C26)	15.629	2359503	18.345 ug/ml
16) T n-Octacosane (C28)	16.577	2345541	17.809 ug/ml
17) T n-Tricontane (C30)	17.464	2322300	16.319 ug/ml
18) T n-Dotriacontane (C32)	18.295	2251542	18.194 ug/ml
19) T n-Tetratriacontane (C34)	19.079	2262910	22.100 ug/ml
20) T n-Hexatriacontane (C36)	19.817	2209635	23.331 ug/ml
21) T n-Octatriacontane (C38)	20.521	2228323	23.932 ug/mlm
22) T n-Tetracontane (C40)	21.336	2298219	23.679 ug/mlm

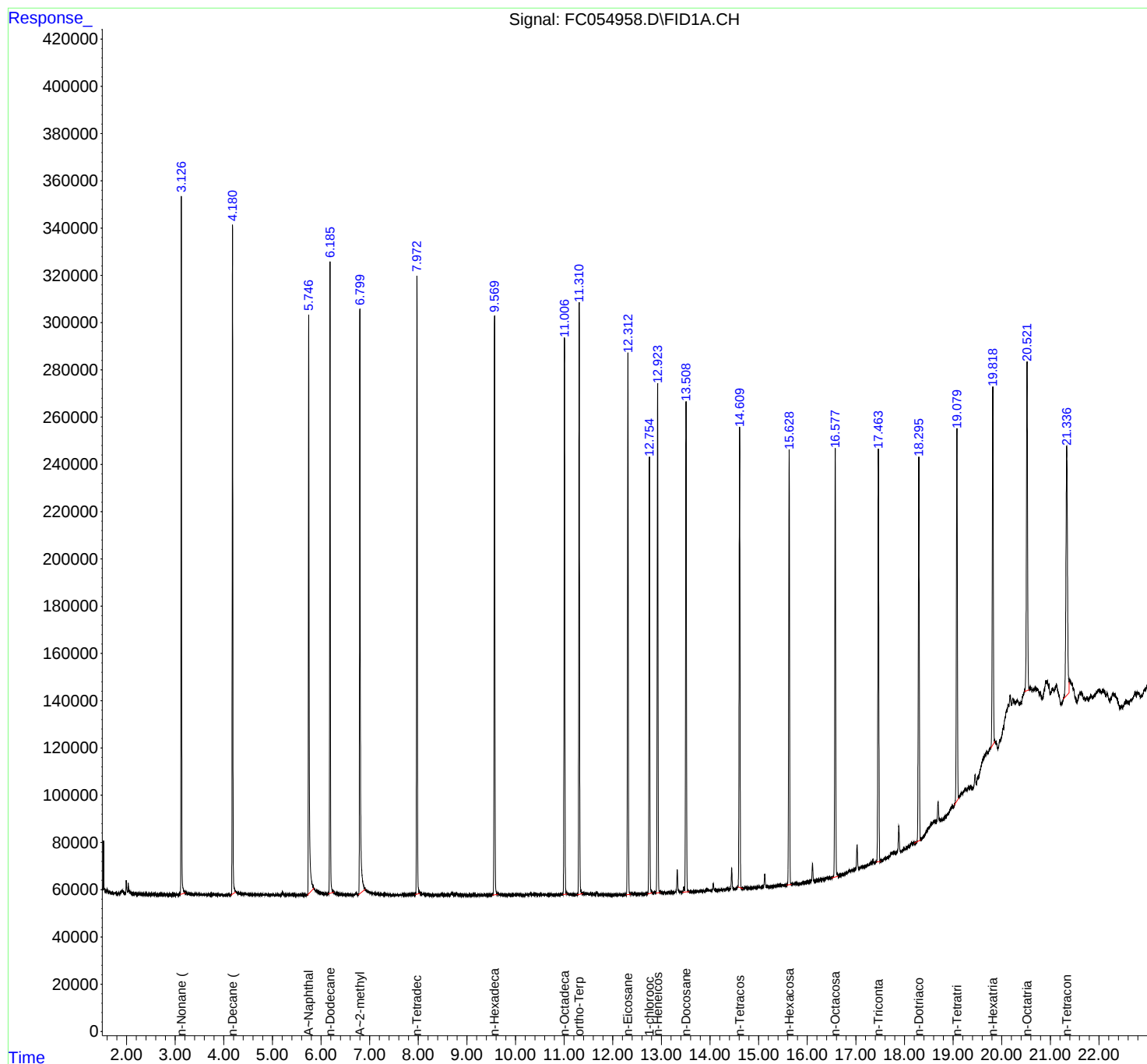
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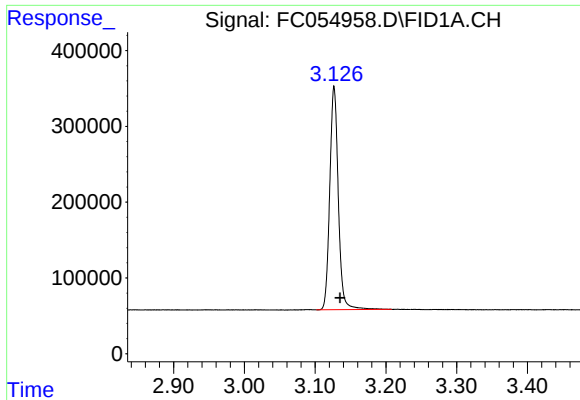
(m)=manual int.

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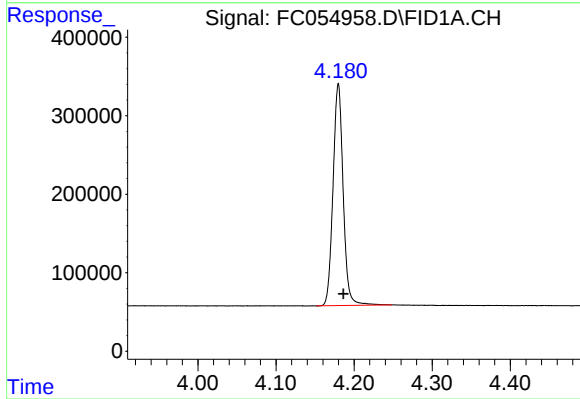
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Signal Info : 20M x 0.18mm x 0.18um





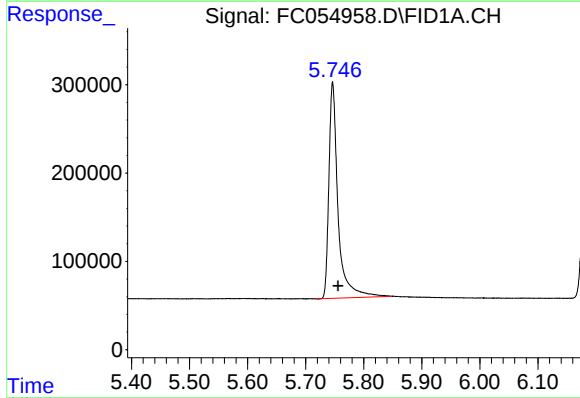
#1 n-Nonane (C9)

R.T.: 3.127 min
Delta R.T.: -0.008 min
Response: 2475302
Conc: 21.57 ug/ml



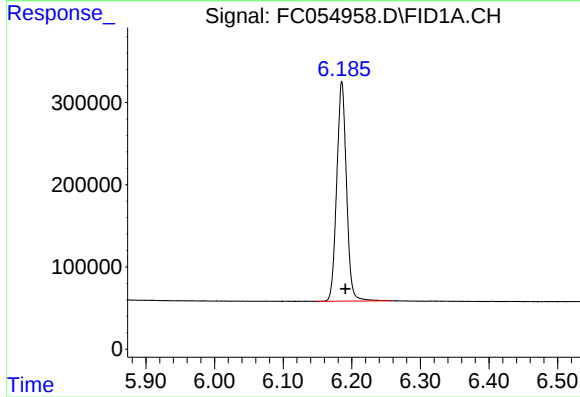
#2 n-Decane (C10)

R.T.: 4.180 min
Delta R.T.: -0.006 min
Response: 2551122
Conc: 21.95 ug/ml



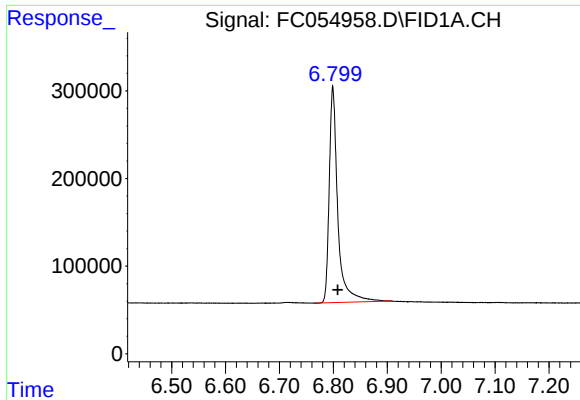
#3 A~Naphthalene (C11.7)

R.T.: 5.747 min
Delta R.T.: -0.009 min
Response: 2678170
Conc: 22.26 ug/ml



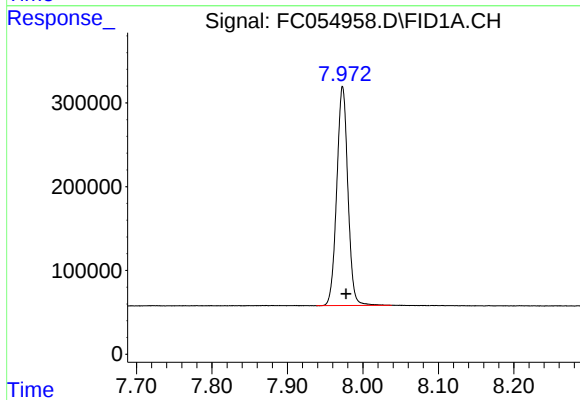
#4 n-Dodecane (C12)

R.T.: 6.185 min
Delta R.T.: -0.005 min
Response: 2632815
Conc: 22.03 ug/ml



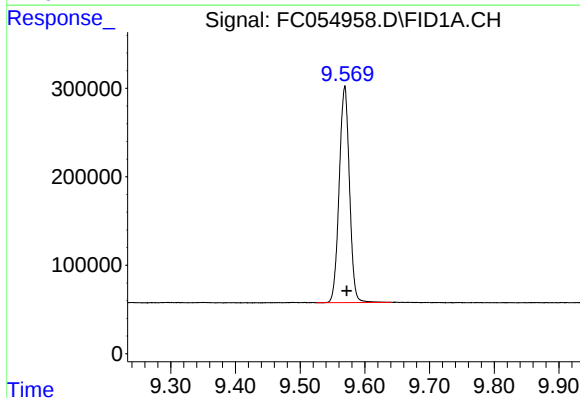
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.799 min
Delta R.T.: -0.009 min
Response: 2730350
Conc: 22.36 ug/ml



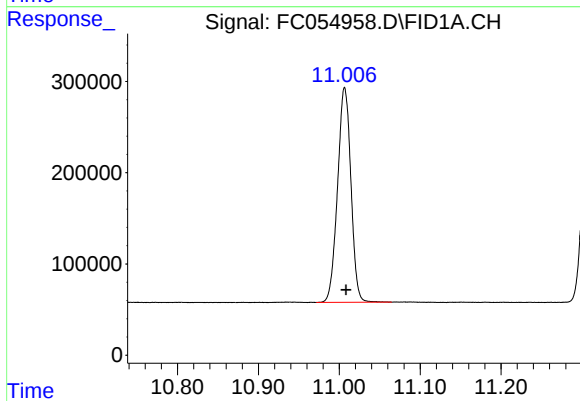
#6 n-Tetradecane (C14)

R.T.: 7.973 min
Delta R.T.: -0.005 min
Response: 2680382
Conc: 21.79 ug/ml



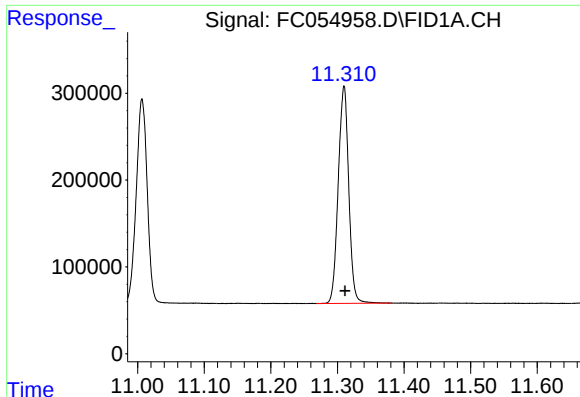
#7 n-Hexadecane (C16)

R.T.: 9.569 min
Delta R.T.: -0.003 min
Response: 2693068
Conc: 21.36 ug/ml



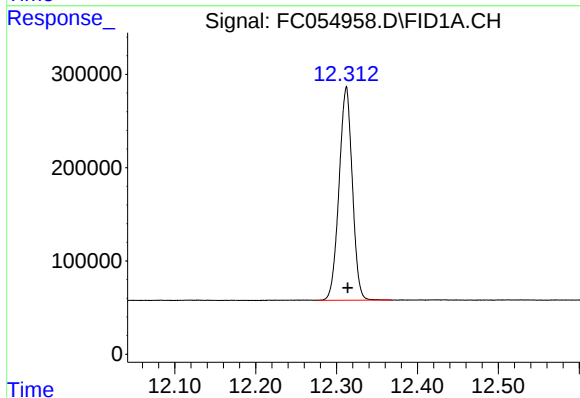
#8 n-Octadecane (C18)

R.T.: 11.007 min
Delta R.T.: -0.002 min
Response: 2699702
Conc: 20.60 ug/ml



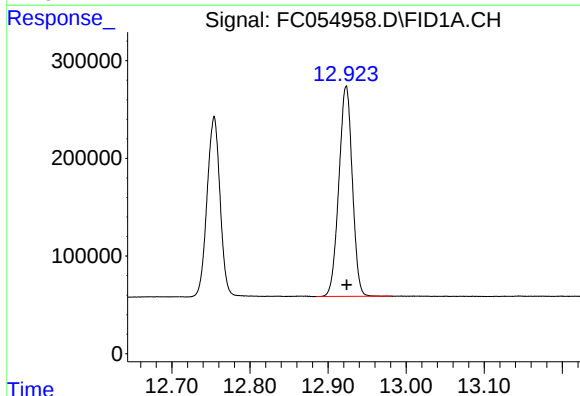
#9 ortho-Terphenyl (SURR)

R.T.: 11.310 min
Delta R.T.: -0.002 min
Response: 2743599
Conc: 19.72 ug/ml



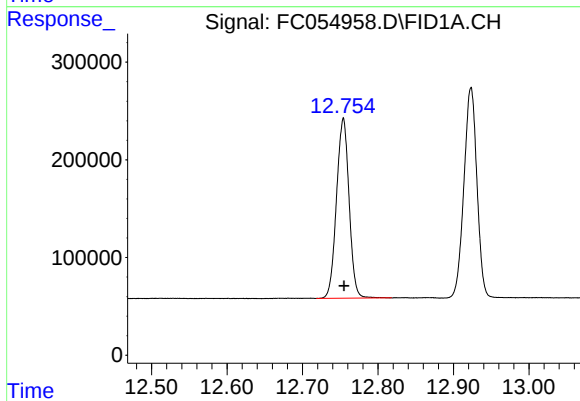
#10 n-Eicosane (C20)

R.T.: 12.312 min
Delta R.T.: -0.002 min
Response: 2605295
Conc: 19.77 ug/ml



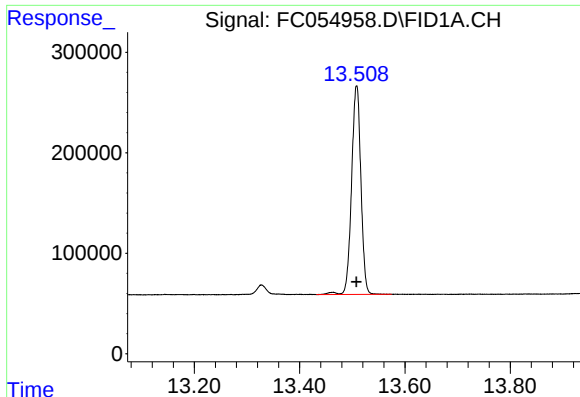
#11 n-Heneicosane (C21)

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 2579257
Conc: 19.37 ug/ml



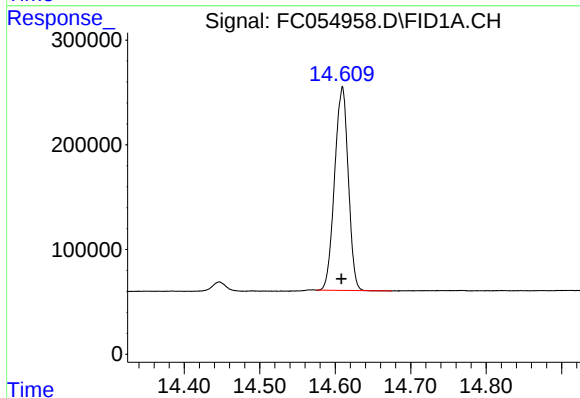
#12 1-chlorooctadecane (SURR)

R.T.: 12.754 min
Delta R.T.: 0.000 min
Response: 2135239
Conc: 19.21 ug/ml



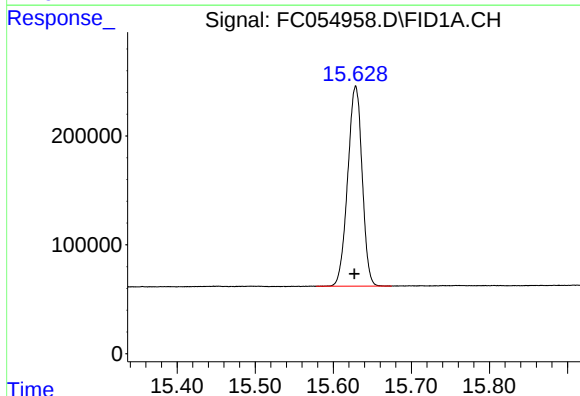
#13 n-Docosane (C22)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2555710
Conc: 19.30 ug/ml



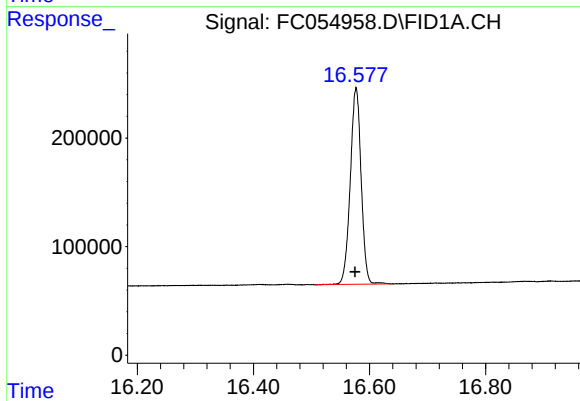
#14 n-Tetracosane (C24)

R.T.: 14.609 min
Delta R.T.: 0.000 min
Response: 2445072
Conc: 18.55 ug/ml



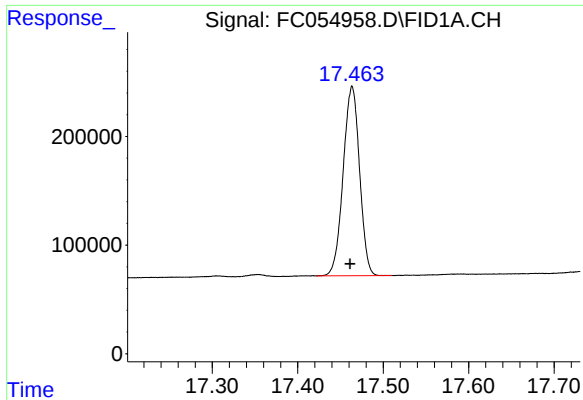
#15 n-Hexacosane (C26)

R.T.: 15.629 min
Delta R.T.: 0.001 min
Response: 2359503
Conc: 18.34 ug/ml



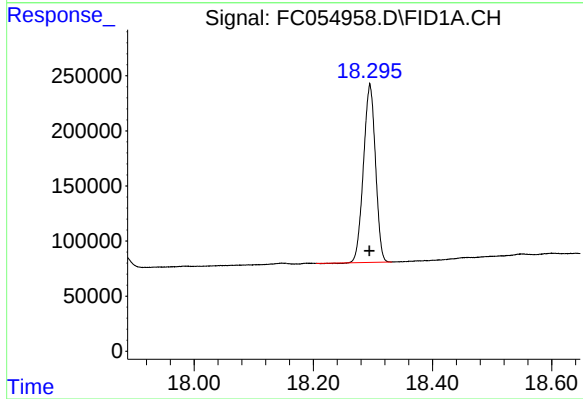
#16 n-Octacosane (C28)

R.T.: 16.577 min
Delta R.T.: 0.002 min
Response: 2345541
Conc: 17.81 ug/ml



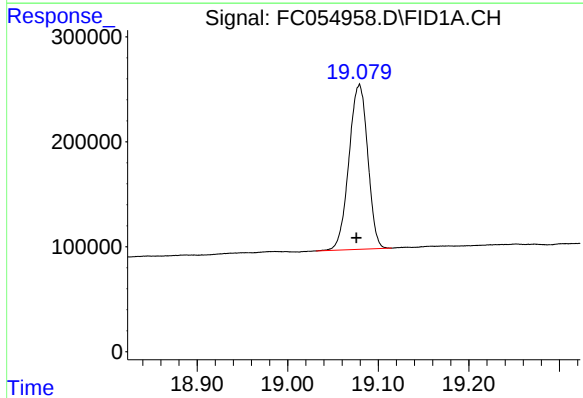
#17 n-Tricontane (C30)

R.T.: 17.464 min
Delta R.T.: 0.002 min
Response: 2322300
Conc: 16.32 ug/ml



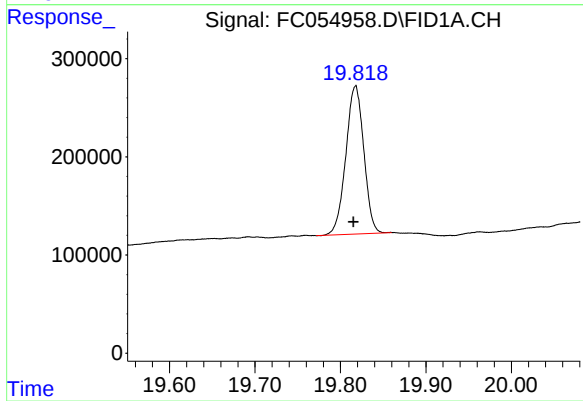
#18 n-Dotriacontane (C32)

R.T.: 18.295 min
Delta R.T.: 0.000 min
Response: 2251542
Conc: 18.19 ug/ml



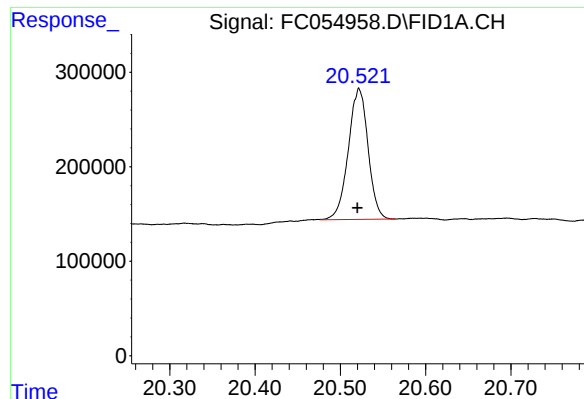
#19 n-Tetratriacontane (C34)

R.T.: 19.079 min
Delta R.T.: 0.003 min
Response: 2262910
Conc: 22.10 ug/ml



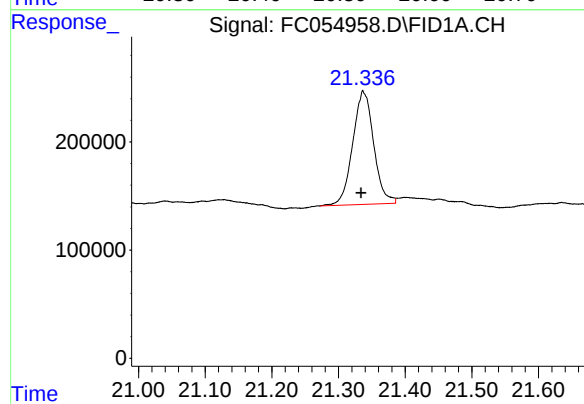
#20 n-Hexatriacontane (C36)

R.T.: 19.817 min
Delta R.T.: 0.002 min
Response: 2209635
Conc: 23.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.521 min
Delta R.T.: 0.001 min
Response: 2228323
Conc: 23.93 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.336 min
Delta R.T.: 0.003 min
Response: 2298219
Conc: 23.68 ug/ml m