

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012522AL\
 Data File : FC058097.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jan 2022 10:28
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 09:32:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.701	4102043	21.214 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
12) S 1-chlorooctadecane (S...	12.140	3114144	21.129 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
Target Compounds			
1) T n-Nonane (C9)	2.630	3738742	23.380 ug/ml
2) T n-Decane (C10)	3.619	3833233	23.849 ug/ml
3) T A~Naphthalene (C11.7)	5.158	4274465	23.540 ug/ml
4) T n-Dodecane (C12)	5.591	3853578	23.894 ug/ml
5) T A~2-methylnaphthalene...	6.199	4263764	23.316 ug/ml
6) T n-Tetradecane (C14)	7.372	3937618	23.851 ug/ml
7) T n-Hexadecane (C16)	8.963	3921033	23.474 ug/ml
8) T n-Octadecane (C18)	10.398	3907747	22.708 ug/ml
10) T n-Eicosane (C20)	11.701	3711144	21.678 ug/ml
11) T n-Heneicosane (C21)	12.310	3661525	21.174 ug/ml
13) T n-Docosane (C22)	12.893	3579846	20.692 ug/ml
14) T n-Tetracosane (C24)	13.991	3474772	20.073 ug/ml
15) T n-Hexacosane (C26)	15.009	3360673	19.970 ug/ml
16) T n-Octacosane (C28)	15.955	3410039	20.838 ug/ml
17) T n-Tricontane (C30)	16.839	3464130	22.188 ug/ml
18) T n-Dotriacontane (C32)	17.669	3289430	23.593 ug/ml
19) T n-Tetratriacontane (C34)	18.449	2934210	23.608 ug/ml
20) T n-Hexatriacontane (C36)	19.186	2436218	21.913 ug/ml
21) T n-Octatriacontane (C38)	19.891	2061162	19.759 ug/ml
22) T n-Tetracontane (C40)	20.716	1881008	19.645 ug/mlm

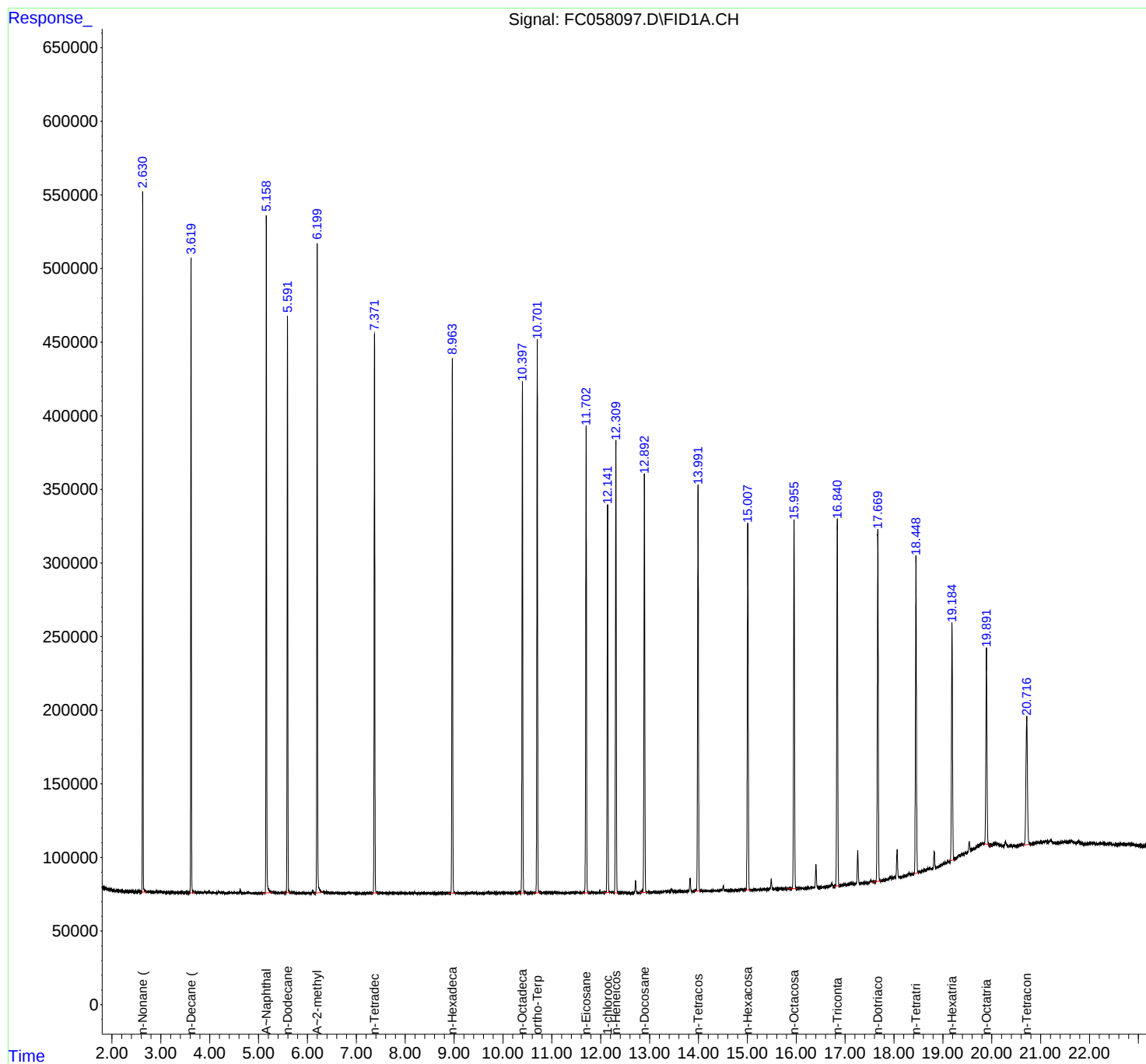
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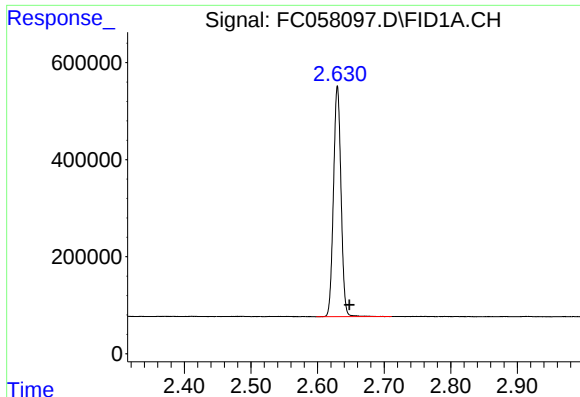
(m)=manual int.

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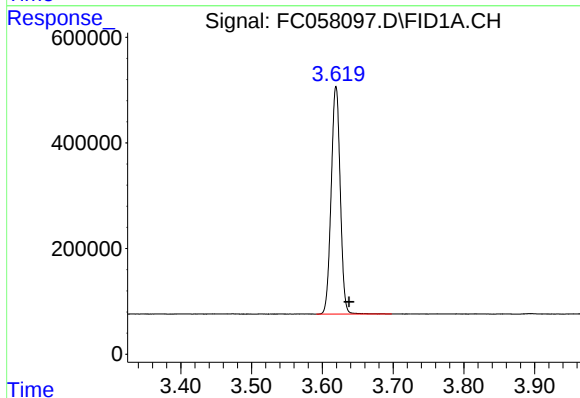
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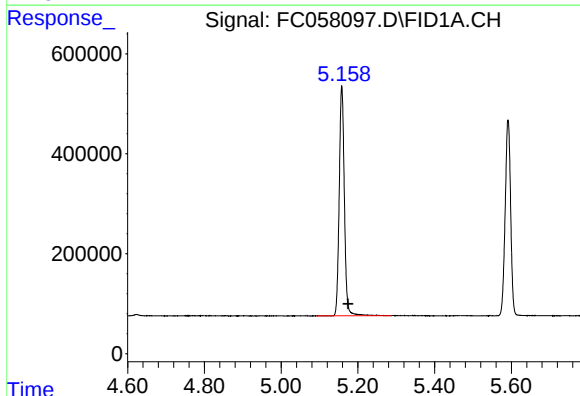
#1 n-Nonane (C9)

R.T.: 2.630 min
Delta R.T.: -0.018 min
Response: 3738742
Conc: 23.38 ug/ml



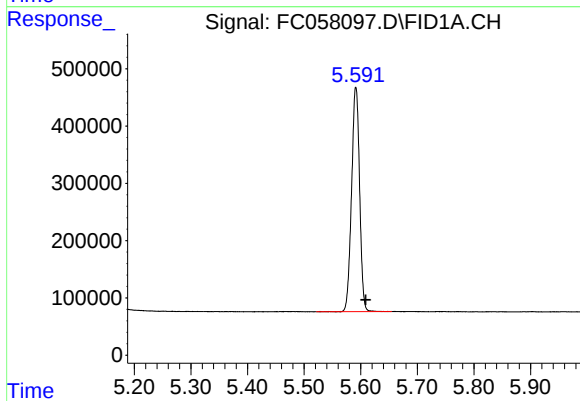
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.019 min
Response: 3833233
Conc: 23.85 ug/ml



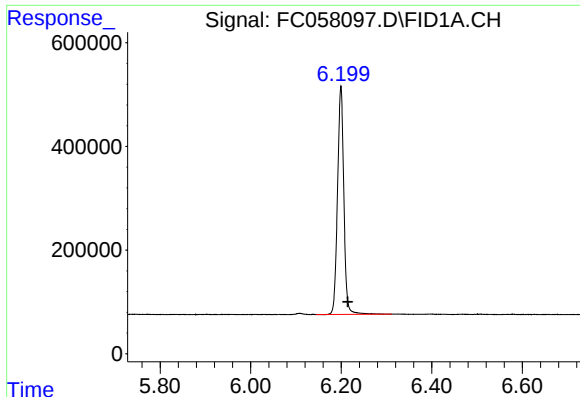
#3 A~Naphthalene (C11.7)

R.T.: 5.158 min
Delta R.T.: -0.016 min
Response: 4274465
Conc: 23.54 ug/ml



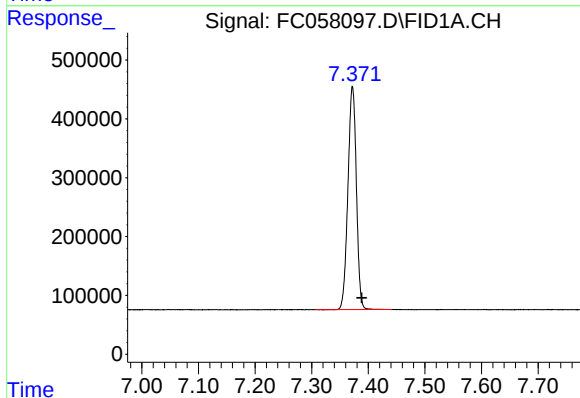
#4 n-Dodecane (C12)

R.T.: 5.591 min
Delta R.T.: -0.017 min
Response: 3853578
Conc: 23.89 ug/ml



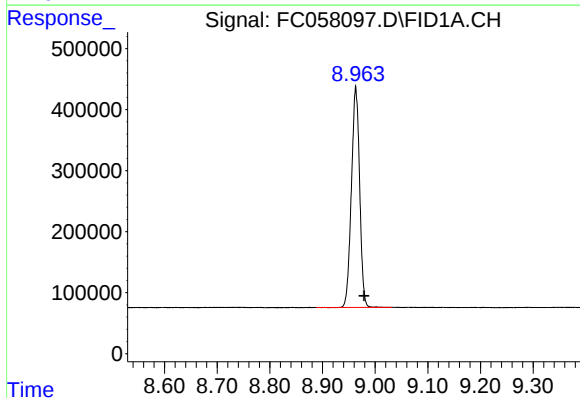
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.199 min
Delta R.T.: -0.016 min
Response: 4263764
Conc: 23.32 ug/ml



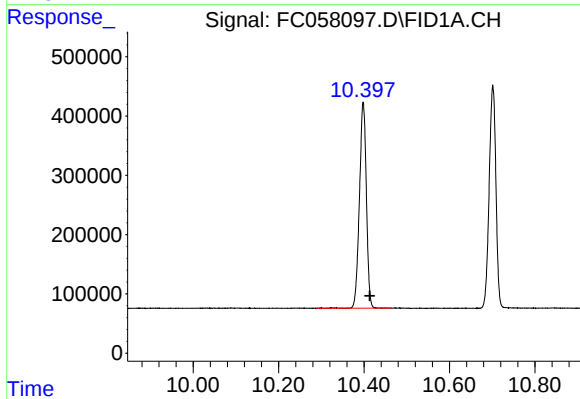
#6 n-Tetradecane (C14)

R.T.: 7.372 min
Delta R.T.: -0.017 min
Response: 3937618
Conc: 23.85 ug/ml



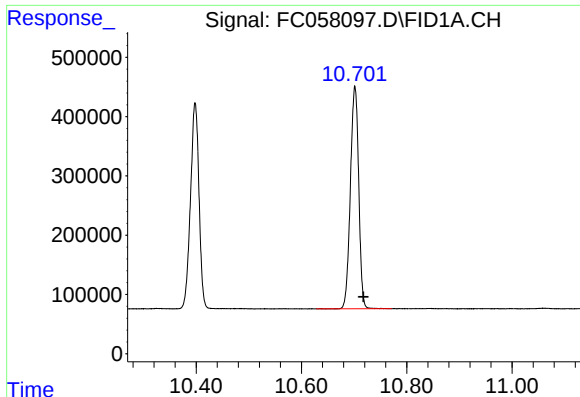
#7 n-Hexadecane (C16)

R.T.: 8.963 min
Delta R.T.: -0.016 min
Response: 3921033
Conc: 23.47 ug/ml



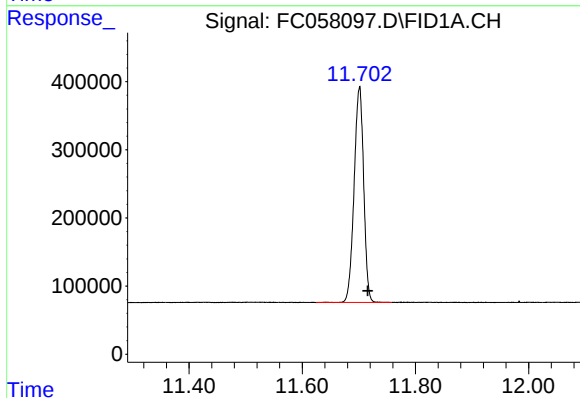
#8 n-Octadecane (C18)

R.T.: 10.398 min
Delta R.T.: -0.015 min
Response: 3907747
Conc: 22.71 ug/ml



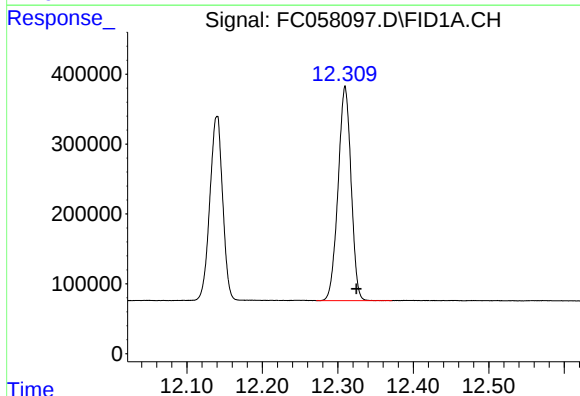
#9 ortho-Terphenyl (SURR)

R.T.: 10.701 min
Delta R.T.: -0.016 min
Response: 4102043
Conc: 21.21 ug/ml



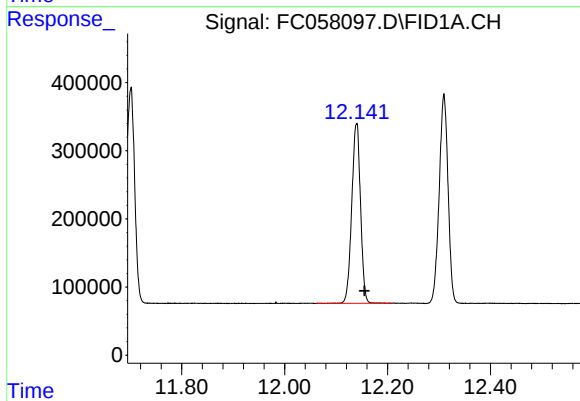
#10 n-Eicosane (C20)

R.T.: 11.701 min
Delta R.T.: -0.015 min
Response: 3711144
Conc: 21.68 ug/ml



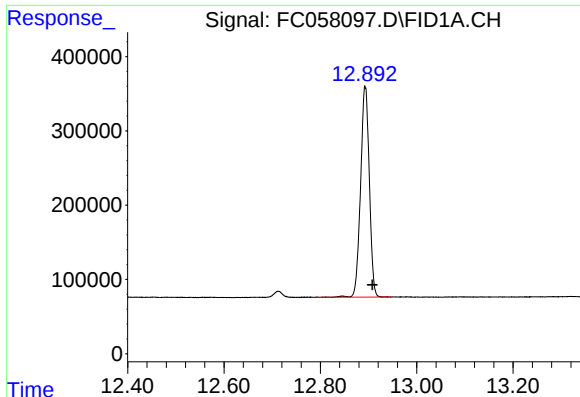
#11 n-Heneicosane (C21)

R.T.: 12.310 min
Delta R.T.: -0.015 min
Response: 3661525
Conc: 21.17 ug/ml



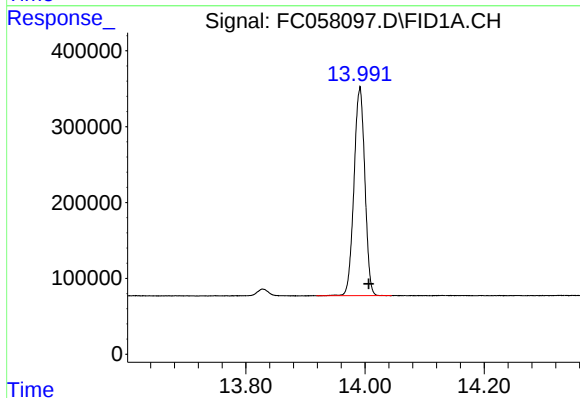
#12 1-chlorooctadecane (SURR)

R.T.: 12.140 min
Delta R.T.: -0.015 min
Response: 3114144
Conc: 21.13 ug/ml



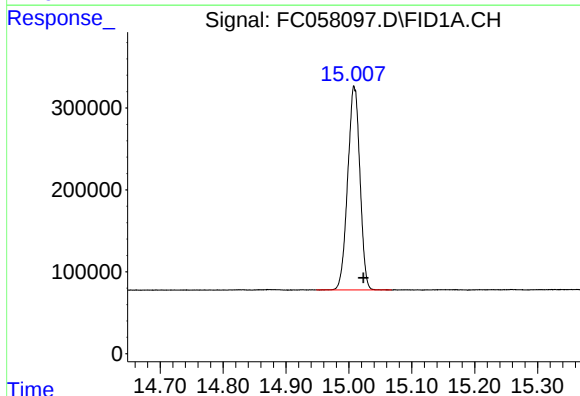
#13 n-Docosane (C22)

R.T.: 12.893 min
Delta R.T.: -0.015 min
Response: 3579846
Conc: 20.69 ug/ml



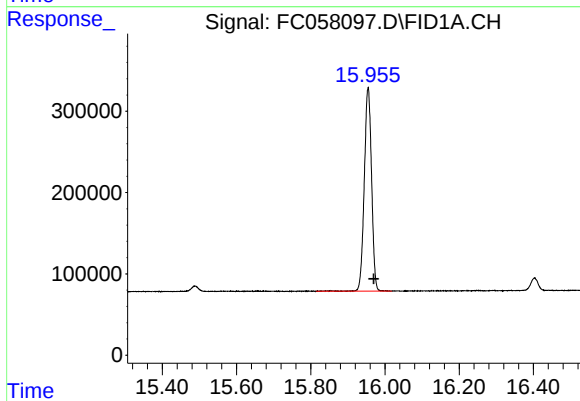
#14 n-Tetracosane (C24)

R.T.: 13.991 min
Delta R.T.: -0.015 min
Response: 3474772
Conc: 20.07 ug/ml



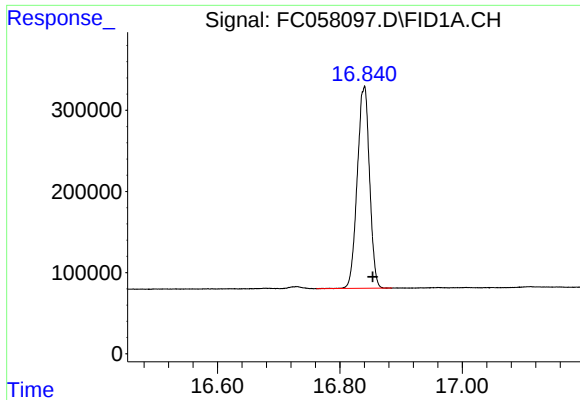
#15 n-Hexacosane (C26)

R.T.: 15.009 min
Delta R.T.: -0.015 min
Response: 3360673
Conc: 19.97 ug/ml



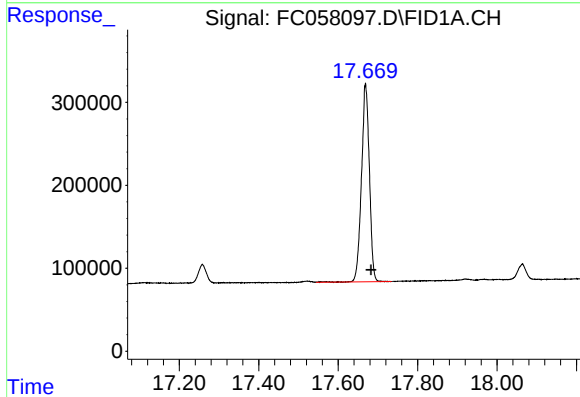
#16 n-Octacosane (C28)

R.T.: 15.955 min
Delta R.T.: -0.015 min
Response: 3410039
Conc: 20.84 ug/ml



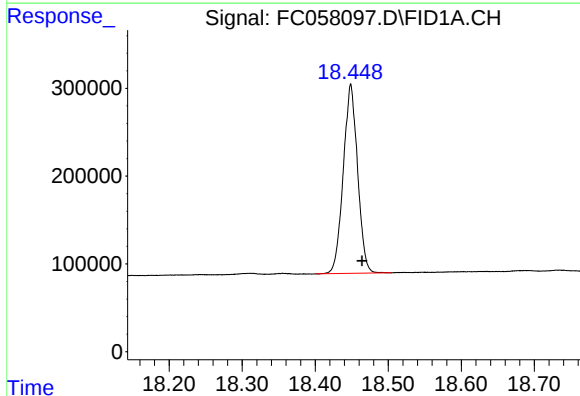
#17 n-Tricontane (C30)

R.T.: 16.839 min
Delta R.T.: -0.014 min
Response: 3464130
Conc: 22.19 ug/ml



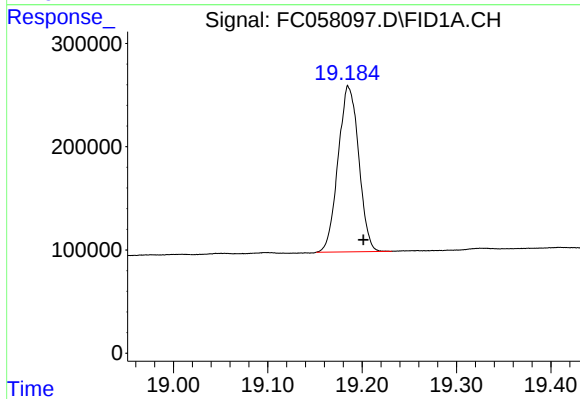
#18 n-Dotriacontane (C32)

R.T.: 17.669 min
Delta R.T.: -0.014 min
Response: 3289430
Conc: 23.59 ug/ml



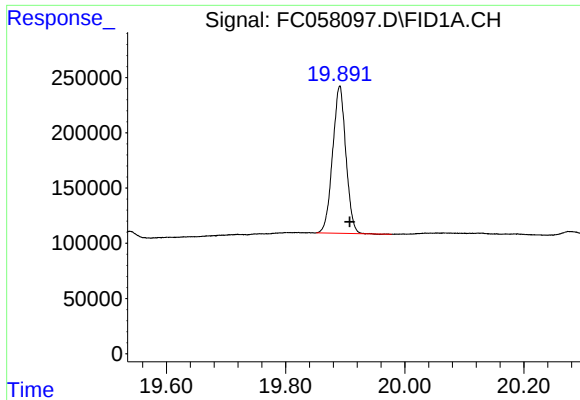
#19 n-Tetratriacontane (C34)

R.T.: 18.449 min
Delta R.T.: -0.016 min
Response: 2934210
Conc: 23.61 ug/ml



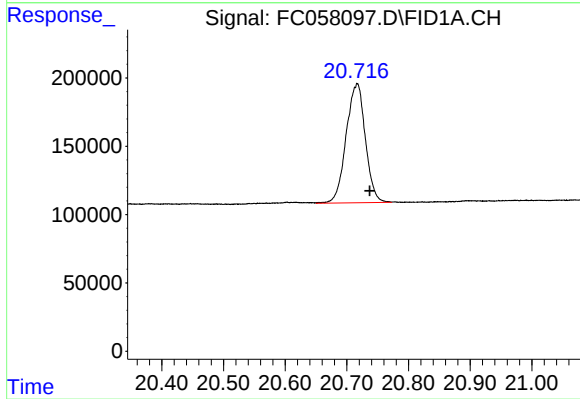
#20 n-Hexatriacontane (C36)

R.T.: 19.186 min
Delta R.T.: -0.016 min
Response: 2436218
Conc: 21.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.891 min
Delta R.T.: -0.017 min
Response: 2061162
Conc: 19.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.716 min
Delta R.T.: -0.021 min
Response: 1881008
Conc: 19.64 ug/ml m