

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062222AL\
 Data File : FC060389.D
 Signal(s) : FID1A.CH
 Acq On : 22 Jun 2022 9:48
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 22 23:35:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.650	2706643	17.392 ug/ml
Spiked Amount 50.000		Recovery =	34.78%
12) S 1-chlorooctadecane (S...	12.020	2129404	17.174 ug/ml
Spiked Amount 50.000		Recovery =	34.35%
Target Compounds			
1) T n-Nonane (C9)	2.619	2433934	19.017 ug/ml
2) T n-Decane (C10)	3.620	2429962	18.994 ug/ml
3) T A~Naphthalene (C11.7)	5.162	2434805	16.845 ug/ml
4) T n-Dodecane (C12)	5.575	2561396	19.214 ug/ml
5) T A~2-methylnaphthalene...	6.188	2464949	16.795 ug/ml
6) T n-Tetradecane (C14)	7.328	2606428	19.093 ug/ml
7) T n-Hexadecane (C16)	8.893	2634160	18.774 ug/ml
8) T n-Octadecane (C18)	10.304	2605457	18.206 ug/ml
10) T n-Eicosane (C20)	11.584	2515360	17.631 ug/ml
11) T n-Heneicosane (C21)	12.182	2472537	17.250 ug/ml
13) T n-Docosane (C22)	12.755	2434479	17.084 ug/ml
14) T n-Tetracosane (C24)	13.834	2356357	16.792 ug/ml
15) T n-Hexacosane (C26)	14.833	2294180	16.942 ug/ml
16) T n-Octacosane (C28)	15.762	2323129	17.838 ug/ml
17) T n-Tricontane (C30)	16.630	2395084	19.564 ug/ml
18) T n-Dotriacontane (C32)	17.445	2357972	21.149 ug/ml
19) T n-Tetratriacontane (C34)	18.210	2217596	21.742 ug/ml
20) T n-Hexatriacontane (C36)	18.932	2080446	21.969 ug/ml
21) T n-Octatriacontane (C38)	19.616	2001652	21.695 ug/ml
22) T n-Tetracontane (C40)	20.265	1899984	20.194 ug/ml

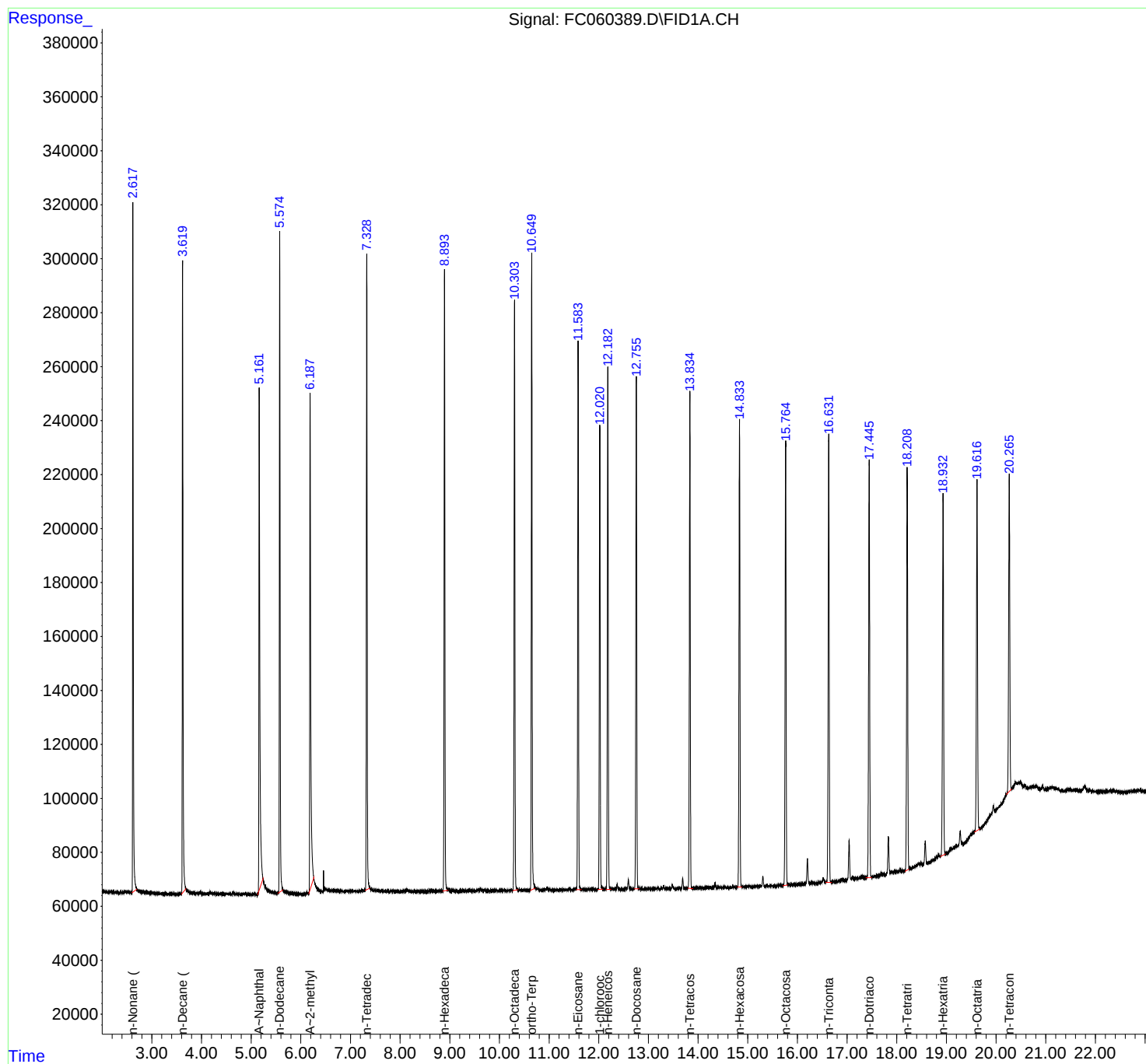
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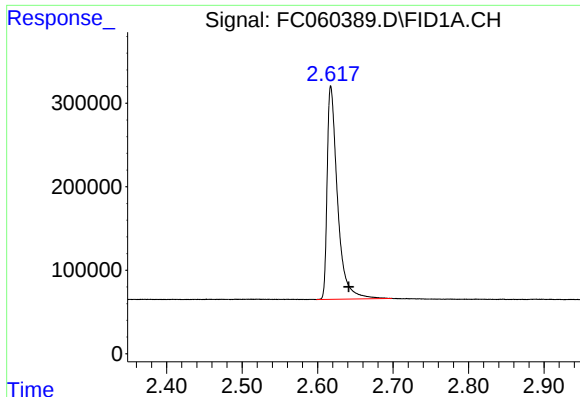
(m)=manual int.

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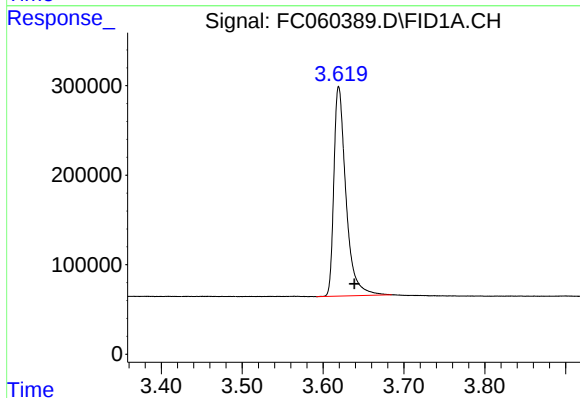
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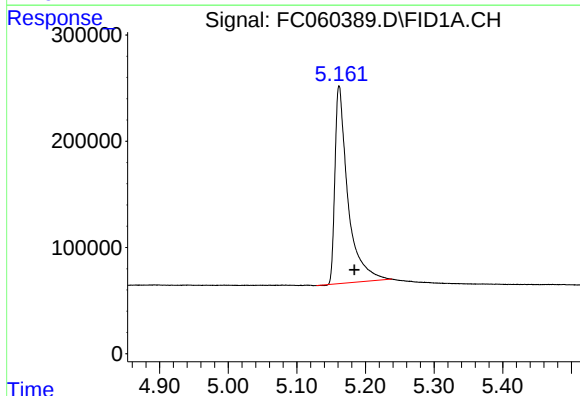
#1 n-Nonane (C9)

R.T.: 2.619 min
Delta R.T.: -0.022 min
Response: 2433934
Conc: 19.02 ug/ml



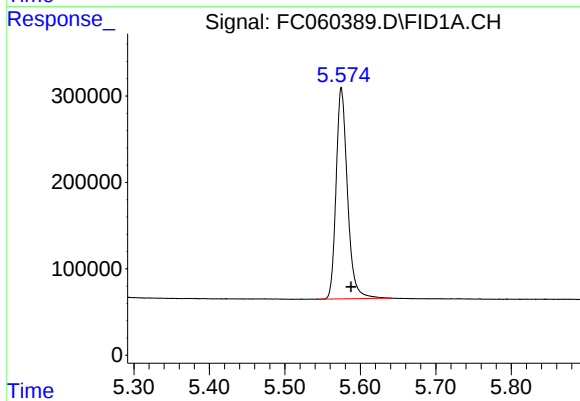
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.019 min
Response: 2429962
Conc: 18.99 ug/ml



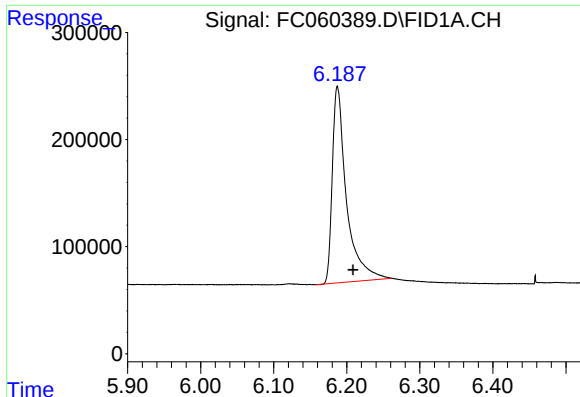
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.021 min
Response: 2434805
Conc: 16.85 ug/ml



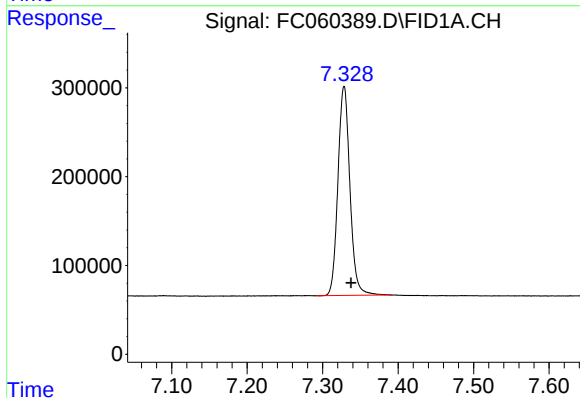
#4 n-Dodecane (C12)

R.T.: 5.575 min
Delta R.T.: -0.013 min
Response: 2561396
Conc: 19.21 ug/ml



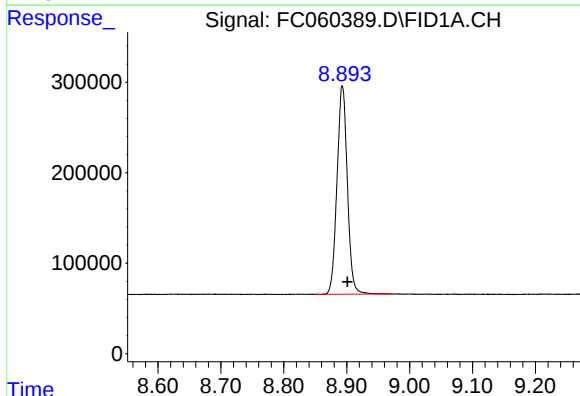
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.021 min
Response: 2464949
Conc: 16.79 ug/ml



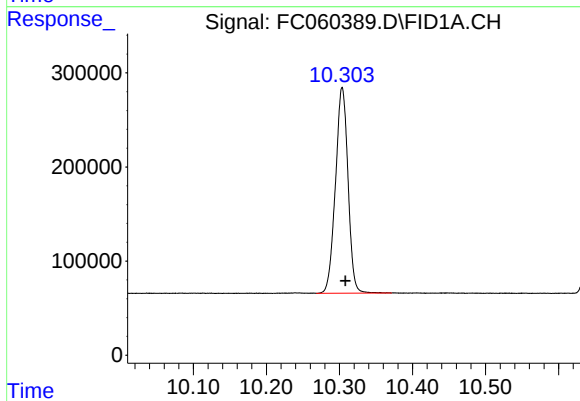
#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 2606428
Conc: 19.09 ug/ml



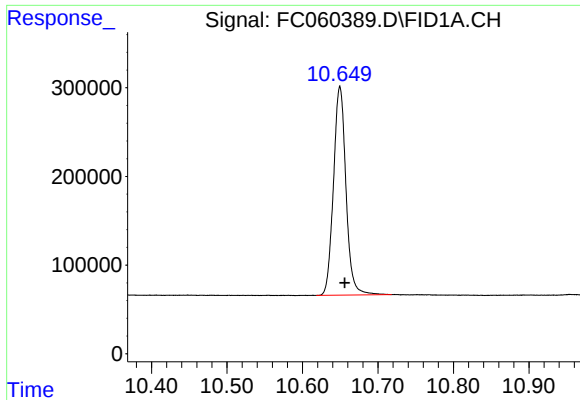
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.008 min
Response: 2634160
Conc: 18.77 ug/ml



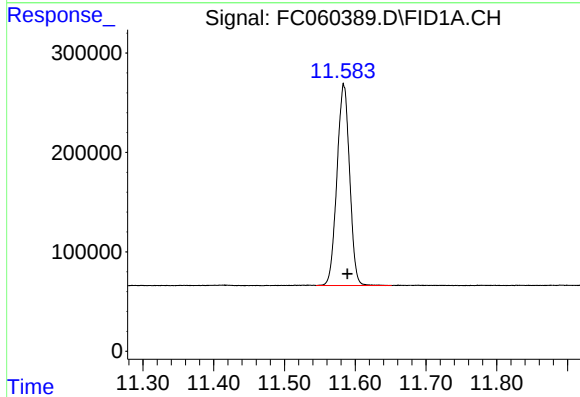
#8 n-Octadecane (C18)

R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 2605457
Conc: 18.21 ug/ml



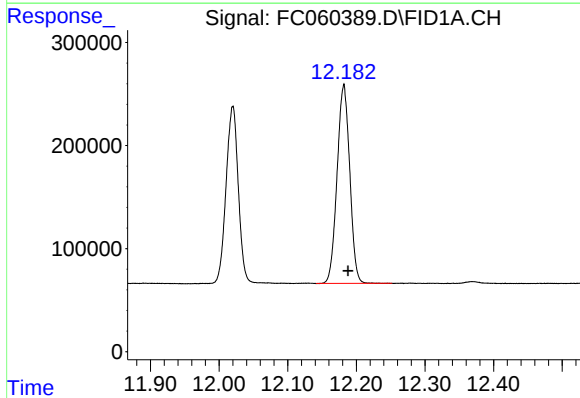
#9 ortho-Terphenyl (SURR)

R.T.: 10.650 min
Delta R.T.: -0.006 min
Response: 2706643
Conc: 17.39 ug/ml



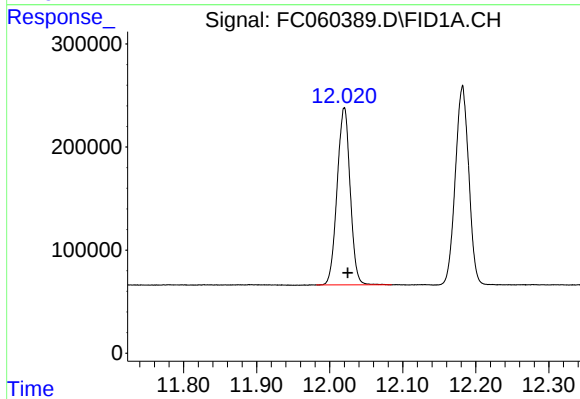
#10 n-Eicosane (C20)

R.T.: 11.584 min
Delta R.T.: -0.005 min
Response: 2515360
Conc: 17.63 ug/ml



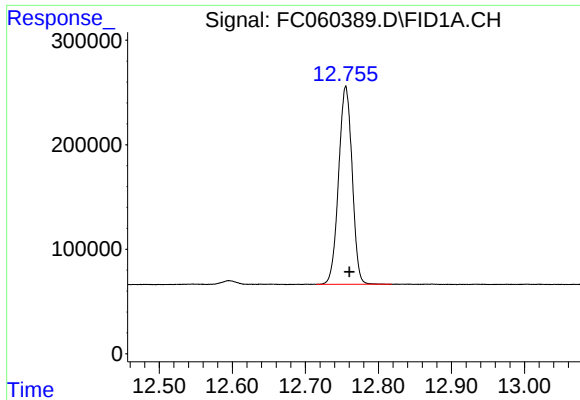
#11 n-Heneicosane (C21)

R.T.: 12.182 min
Delta R.T.: -0.006 min
Response: 2472537
Conc: 17.25 ug/ml



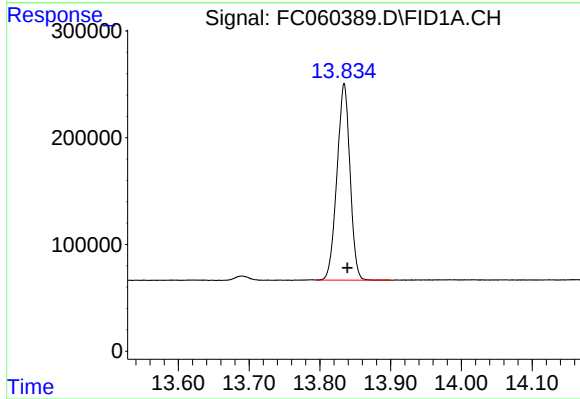
#12 1-chlorooctadecane (SURR)

R.T.: 12.020 min
Delta R.T.: -0.005 min
Response: 2129404
Conc: 17.17 ug/ml



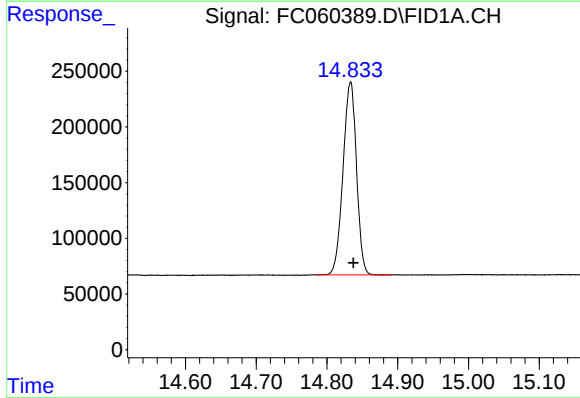
#13 n-Docosane (C22)

R.T.: 12.755 min
Delta R.T.: -0.005 min
Response: 2434479
Conc: 17.08 ug/ml



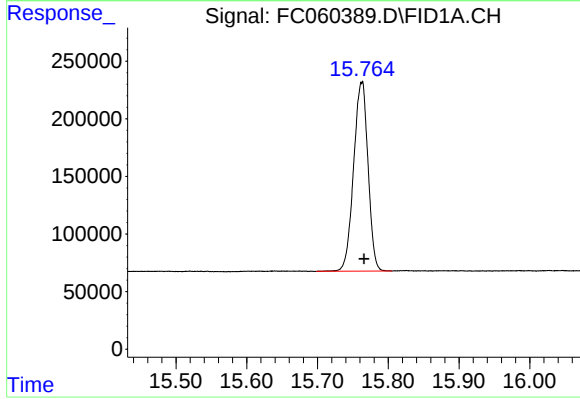
#14 n-Tetracosane (C24)

R.T.: 13.834 min
Delta R.T.: -0.005 min
Response: 2356357
Conc: 16.79 ug/ml



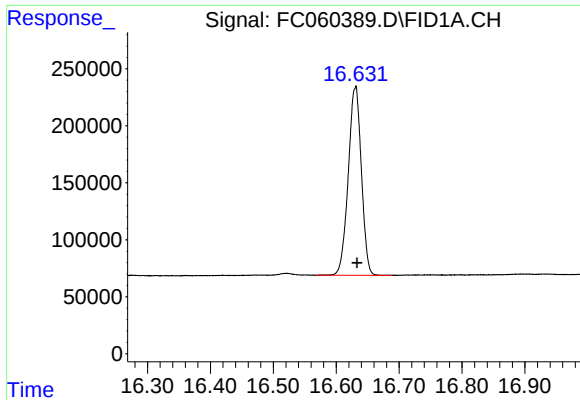
#15 n-Hexacosane (C26)

R.T.: 14.833 min
Delta R.T.: -0.004 min
Response: 2294180
Conc: 16.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.762 min
Delta R.T.: -0.004 min
Response: 2323129
Conc: 17.84 ug/ml



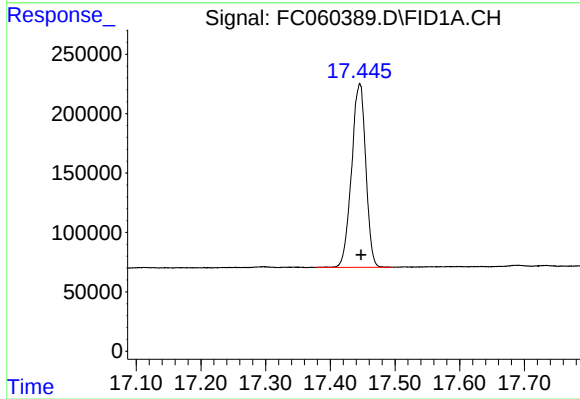
#17 n-Tricontane (C30)

R.T.: 16.630 min

Delta R.T.: -0.003 min

Response: 2395084

Conc: 19.56 ug/ml



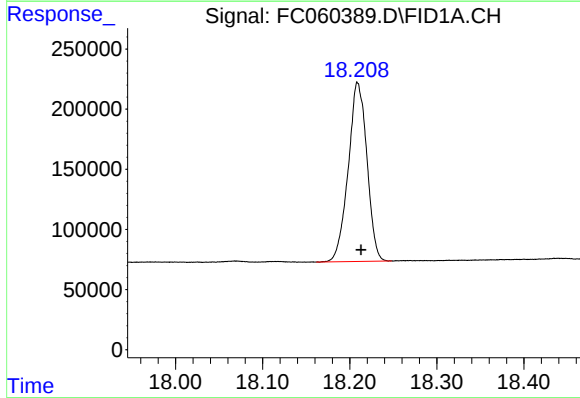
#18 n-Dotriacontane (C32)

R.T.: 17.445 min

Delta R.T.: -0.002 min

Response: 2357972

Conc: 21.15 ug/ml



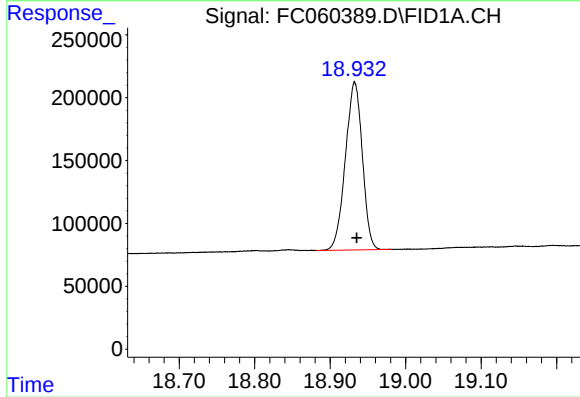
#19 n-Tetratriacontane (C34)

R.T.: 18.210 min

Delta R.T.: -0.004 min

Response: 2217596

Conc: 21.74 ug/ml



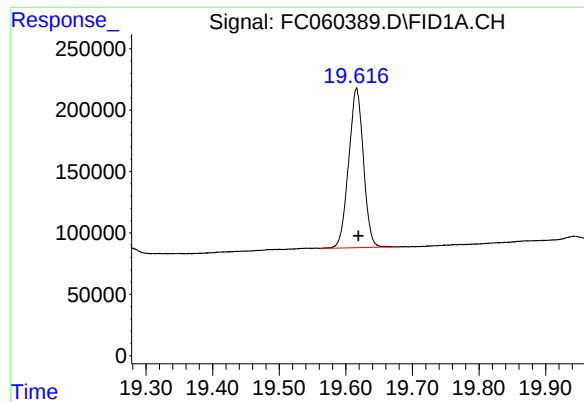
#20 n-Hexatriacontane (C36)

R.T.: 18.932 min

Delta R.T.: -0.003 min

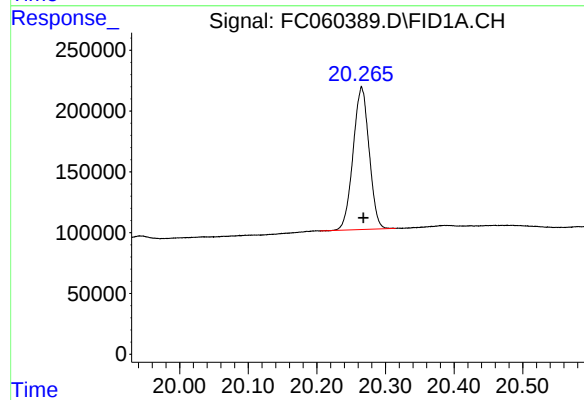
Response: 2080446

Conc: 21.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.616 min
Delta R.T.: -0.003 min
Response: 2001652
Conc: 21.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.265 min
Delta R.T.: -0.003 min
Response: 1899984
Conc: 20.19 ug/ml