

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052722AL\
 Data File : FC059936.D
 Signal(s) : FID1A.CH
 Acq On : 27 May 2022 17:31
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 28 06:07:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 06:03:49 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)	10.655	3220478	20.694 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
12) S 1-chlorooctadecane (S...	12.024	2561772	20.661 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
Target Compounds			
1) T n-Nonane (C9)	2.628	2659240	20.777 ug/ml
2) T n-Decane (C10)	3.628	2645883	20.682 ug/ml
3) T A~Naphthalene (C11.7)	5.165	3004632	20.788 ug/ml
4) T n-Dodecane (C12)	5.582	2759920	20.704 ug/ml
5) T A~2-methylnaphthalene...	6.192	3074863	20.950 ug/ml
6) T n-Tetradecane (C14)	7.335	2818705	20.648 ug/ml
7) T n-Hexadecane (C16)	8.899	2889692	20.595 ug/ml
8) T n-Octadecane (C18)	10.309	2945331	20.581 ug/ml
10) T n-Eicosane (C20)	11.590	2936634	20.583 ug/ml
11) T n-Heneicosane (C21)	12.188	2950816	20.586 ug/ml
13) T n-Docosane (C22)	12.761	2936885	20.610 ug/ml
14) T n-Tetracosane (C24)	13.839	2899540	20.662 ug/ml
15) T n-Hexacosane (C26)	14.837	2794207	20.634 ug/ml
16) T n-Octacosane (C28)	15.767	2697272	20.711 ug/ml
17) T n-Tricontane (C30)	16.635	2526606	20.638 ug/ml
18) T n-Dotriacontane (C32)	17.448	2299795	20.627 ug/ml
19) T n-Tetratriacontane (C34)	18.214	2104901	20.637 ug/ml
20) T n-Hexatriacontane (C36)	18.936	1955628	20.651 ug/ml
21) T n-Octatriacontane (C38)	19.621	1898870	20.581 ug/ml
22) T n-Tetracontane (C40)	20.270	1929502	20.508 ug/ml

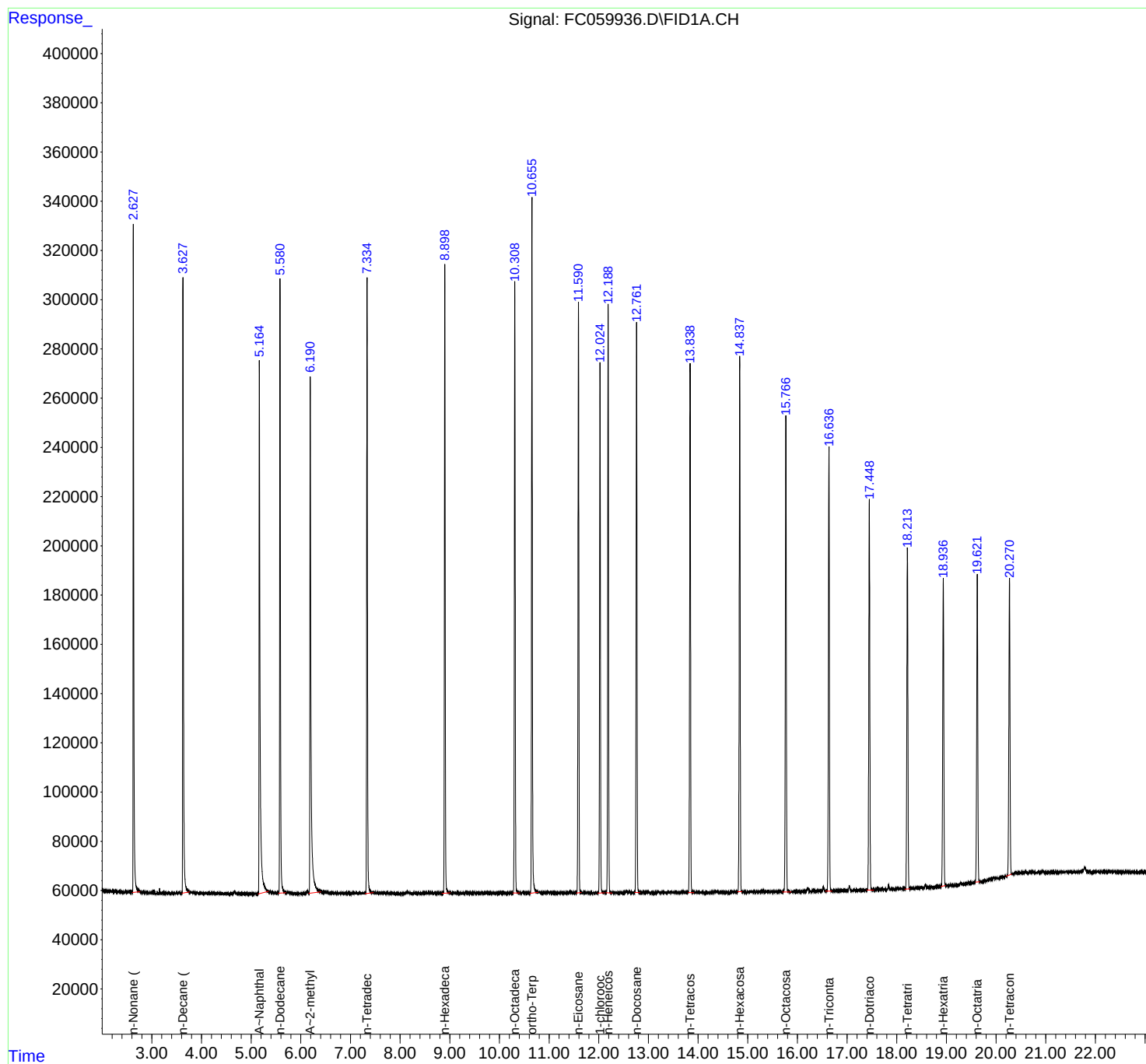
(f)=RT Delta > 1/2 Window

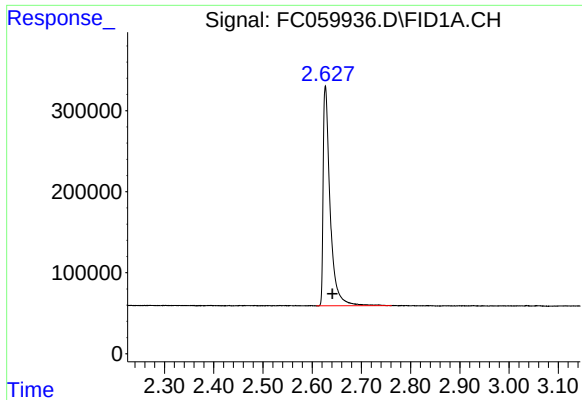
(m)=manual int.

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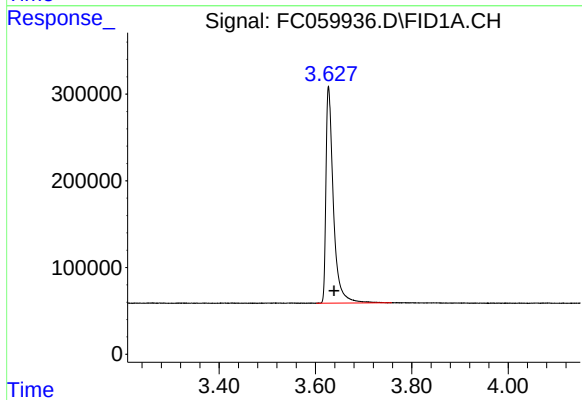
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Signal Info : 20M x 0.18mm x 0.18um





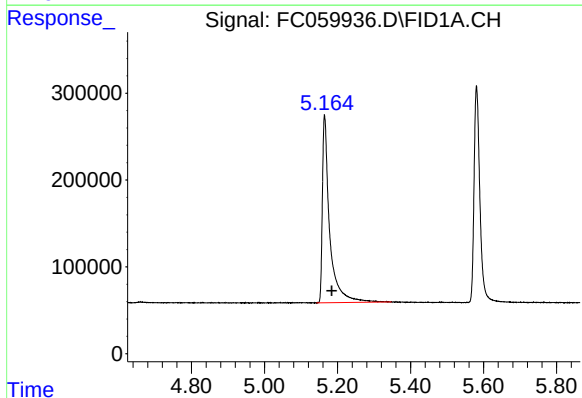
#1 n-Nonane (C9)

R.T.: 2.628 min
Delta R.T.: -0.013 min
Response: 2659240
Conc: 20.78 ug/ml



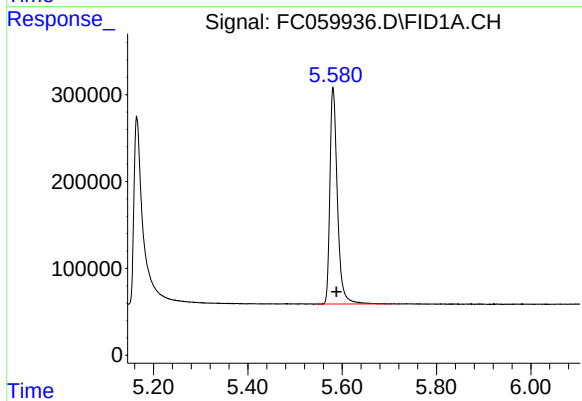
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.011 min
Response: 2645883
Conc: 20.68 ug/ml



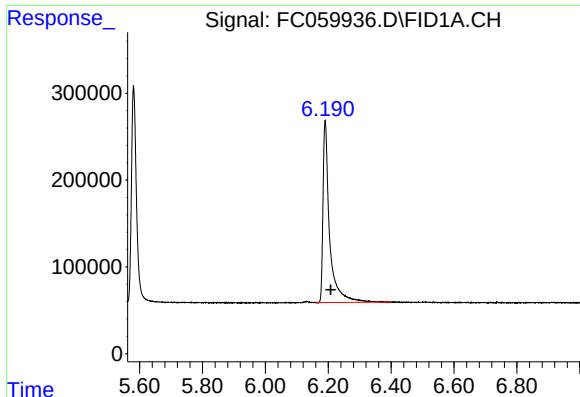
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.018 min
Response: 3004632
Conc: 20.79 ug/ml



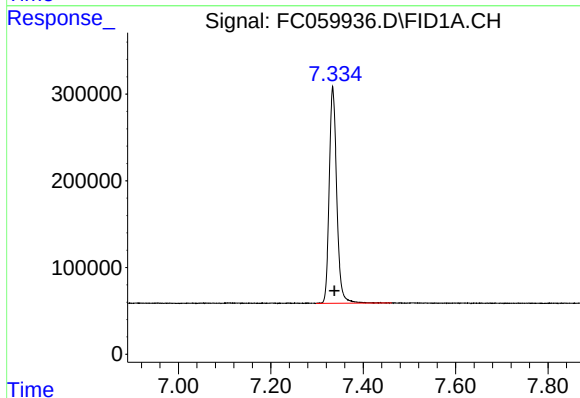
#4 n-Dodecane (C12)

R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 2759920
Conc: 20.70 ug/ml



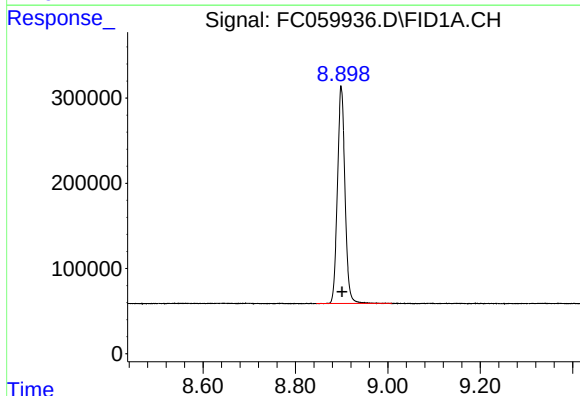
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.192 min
Delta R.T.: -0.017 min
Response: 3074863
Conc: 20.95 ug/ml



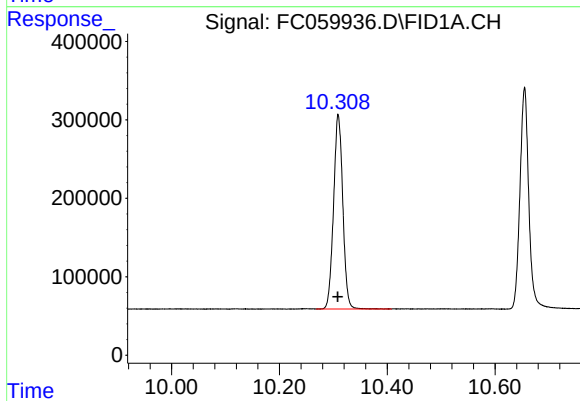
#6 n-Tetradecane (C14)

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 2818705
Conc: 20.65 ug/ml



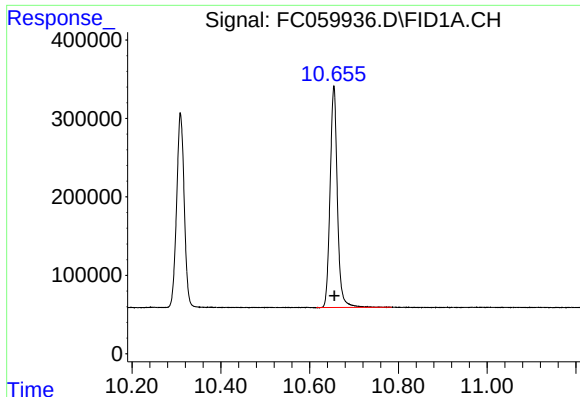
#7 n-Hexadecane (C16)

R.T.: 8.899 min
Delta R.T.: -0.002 min
Response: 2889692
Conc: 20.60 ug/ml



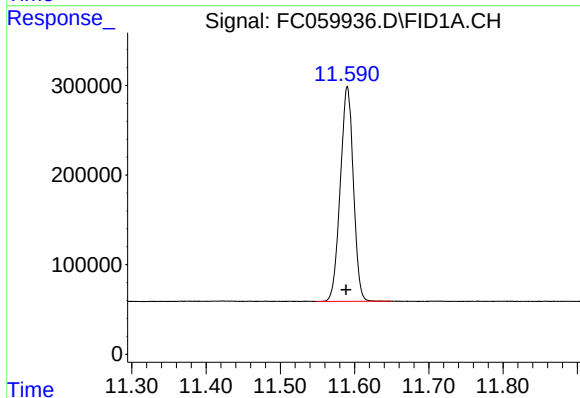
#8 n-Octadecane (C18)

R.T.: 10.309 min
Delta R.T.: 0.001 min
Response: 2945331
Conc: 20.58 ug/ml



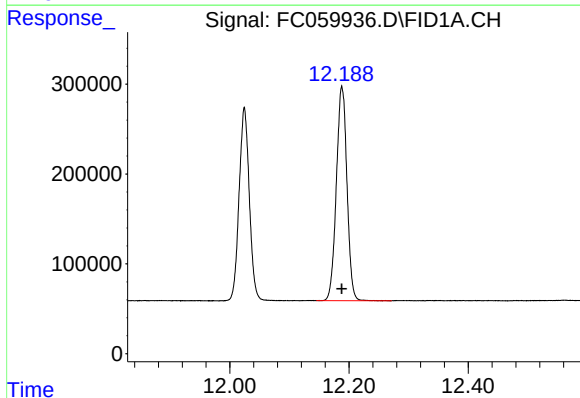
#9 ortho-Terphenyl (SURR)

R.T.: 10.655 min
Delta R.T.: -0.001 min
Response: 3220478
Conc: 20.69 ug/ml



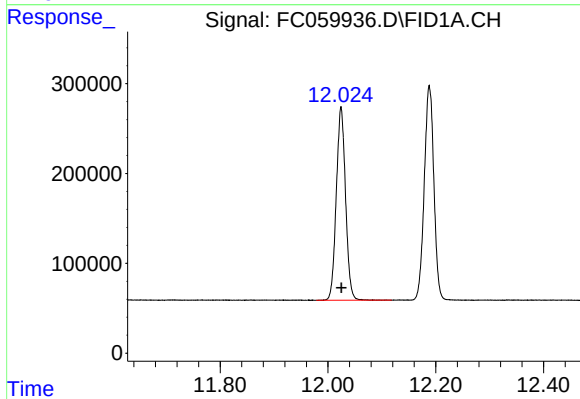
#10 n-Eicosane (C20)

R.T.: 11.590 min
Delta R.T.: 0.001 min
Response: 2936634
Conc: 20.58 ug/ml



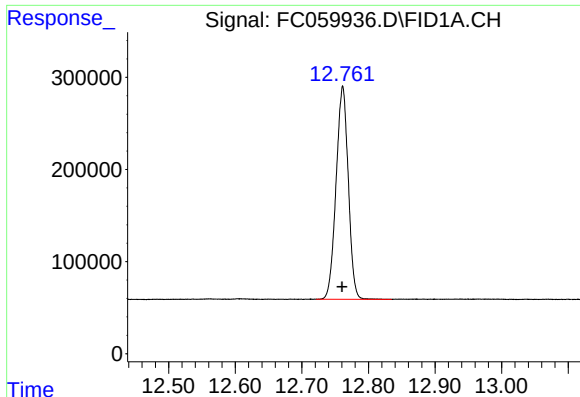
#11 n-Heneicosane (C21)

R.T.: 12.188 min
Delta R.T.: 0.000 min
Response: 2950816
Conc: 20.59 ug/ml



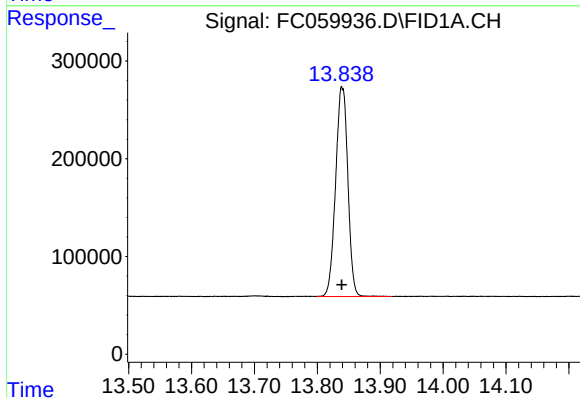
#12 1-chlorooctadecane (SURR)

R.T.: 12.024 min
Delta R.T.: 0.000 min
Response: 2561772
Conc: 20.66 ug/ml



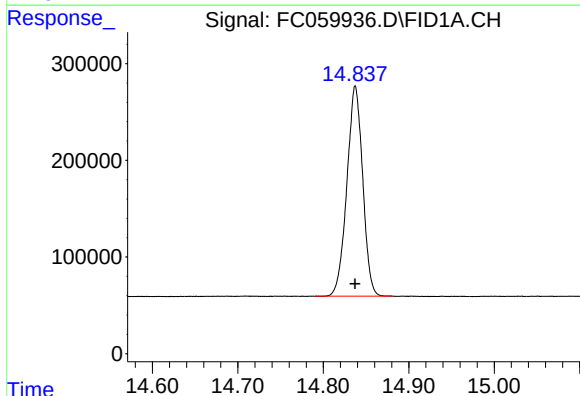
#13 n-Docosane (C22)

R.T.: 12.761 min
Delta R.T.: 0.000 min
Response: 2936885
Conc: 20.61 ug/ml



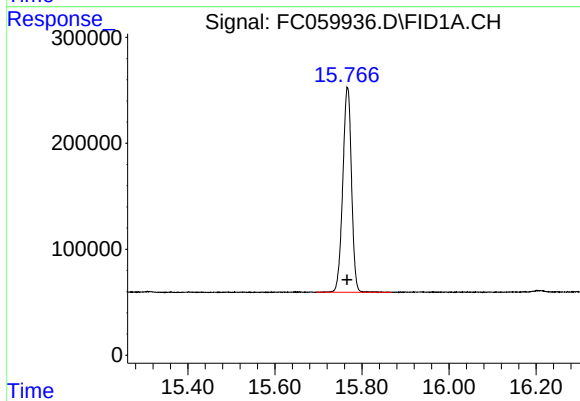
#14 n-Tetracosane (C24)

R.T.: 13.839 min
Delta R.T.: 0.000 min
Response: 2899540
Conc: 20.66 ug/ml



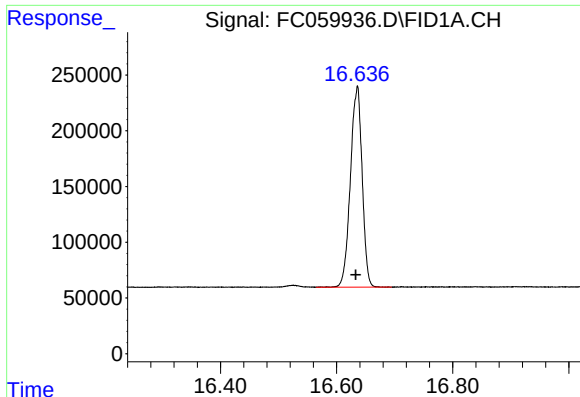
#15 n-Hexacosane (C26)

R.T.: 14.837 min
Delta R.T.: 0.000 min
Response: 2794207
Conc: 20.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.767 min
Delta R.T.: 0.000 min
Response: 2697272
Conc: 20.71 ug/ml



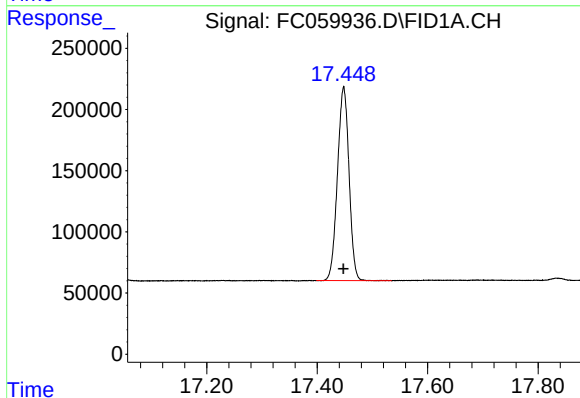
#17 n-Tricontane (C30)

R.T.: 16.635 min

Delta R.T.: 0.002 min

Response: 2526606

Conc: 20.64 ug/ml



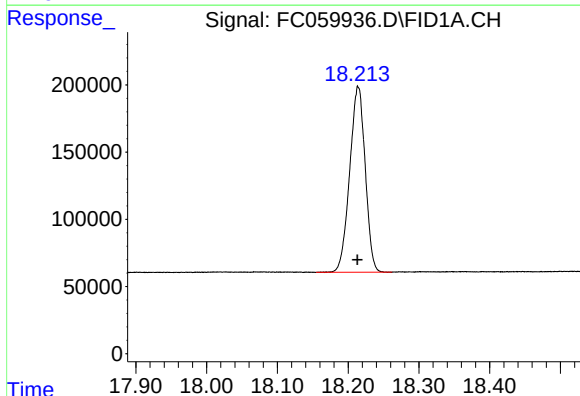
#18 n-Dotriacontane (C32)

R.T.: 17.448 min

Delta R.T.: 0.000 min

Response: 2299795

Conc: 20.63 ug/ml



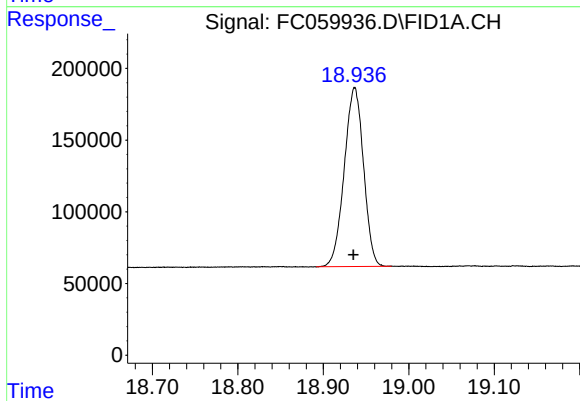
#19 n-Tetratriacontane (C34)

R.T.: 18.214 min

Delta R.T.: 0.000 min

Response: 2104901

Conc: 20.64 ug/ml



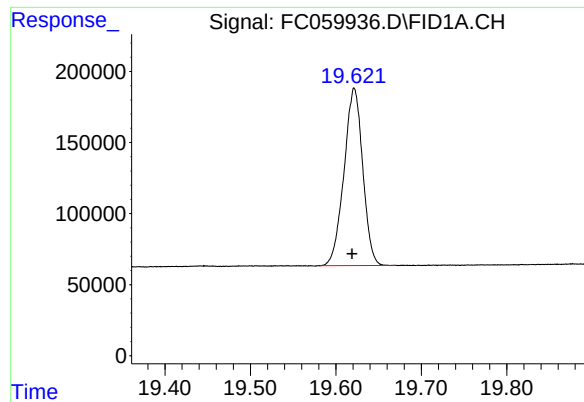
#20 n-Hexatriacontane (C36)

R.T.: 18.936 min

Delta R.T.: 0.001 min

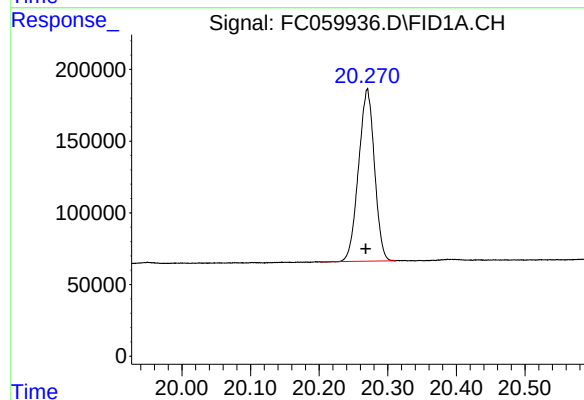
Response: 1955628

Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.621 min
Delta R.T.: 0.002 min
Response: 1898870
Conc: 20.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.270 min
Delta R.T.: 0.002 min
Response: 1929502
Conc: 20.51 ug/ml