

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052322AL\
 Data File : FC059890.D
 Signal(s) : FID1A.CH
 Acq On : 23 May 2022 15:10
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 23 16:42:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.646	3142304	21.399 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
12) S 1-chlorooctadecane (S...	12.017	2462694	21.400 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
Target Compounds			
1) T n-Nonane (C9)	2.628	2920912	22.873 ug/ml
2) T n-Decane (C10)	3.625	2916631	23.030 ug/ml
3) T A~Naphthalene (C11.7)	5.160	3312125	22.494 ug/ml
4) T n-Dodecane (C12)	5.578	3005244	22.852 ug/ml
5) T A~2-methylnaphthalene...	6.184	3348609	22.277 ug/ml
6) T n-Tetradecane (C14)	7.329	3038483	22.581 ug/ml
7) T n-Hexadecane (C16)	8.893	3060820	22.307 ug/ml
8) T n-Octadecane (C18)	10.302	3019490	21.911 ug/ml
10) T n-Eicosane (C20)	11.581	2908563	21.626 ug/ml
11) T n-Heneicosane (C21)	12.180	2860388	21.442 ug/ml
13) T n-Docosane (C22)	12.752	2798575	21.324 ug/ml
14) T n-Tetracosane (C24)	13.831	2736346	21.748 ug/ml
15) T n-Hexacosane (C26)	14.828	2582713	21.625 ug/ml
16) T n-Octacosane (C28)	15.757	2494833	21.914 ug/ml
17) T n-Tricontane (C30)	16.624	2428678	22.094 ug/ml
18) T n-Dotriacontane (C32)	17.437	2296523	22.214 ug/mlm
19) T n-Tetratriacontane (C34)	18.201	2052785	21.026 ug/mlm
20) T n-Hexatriacontane (C36)	18.923	1715963	18.484 ug/mlm
21) T n-Octatriacontane (C38)	19.606	1544184	16.222 ug/mlm
22) T n-Tetracontane (C40)	20.257	1442939	15.243 ug/mlm

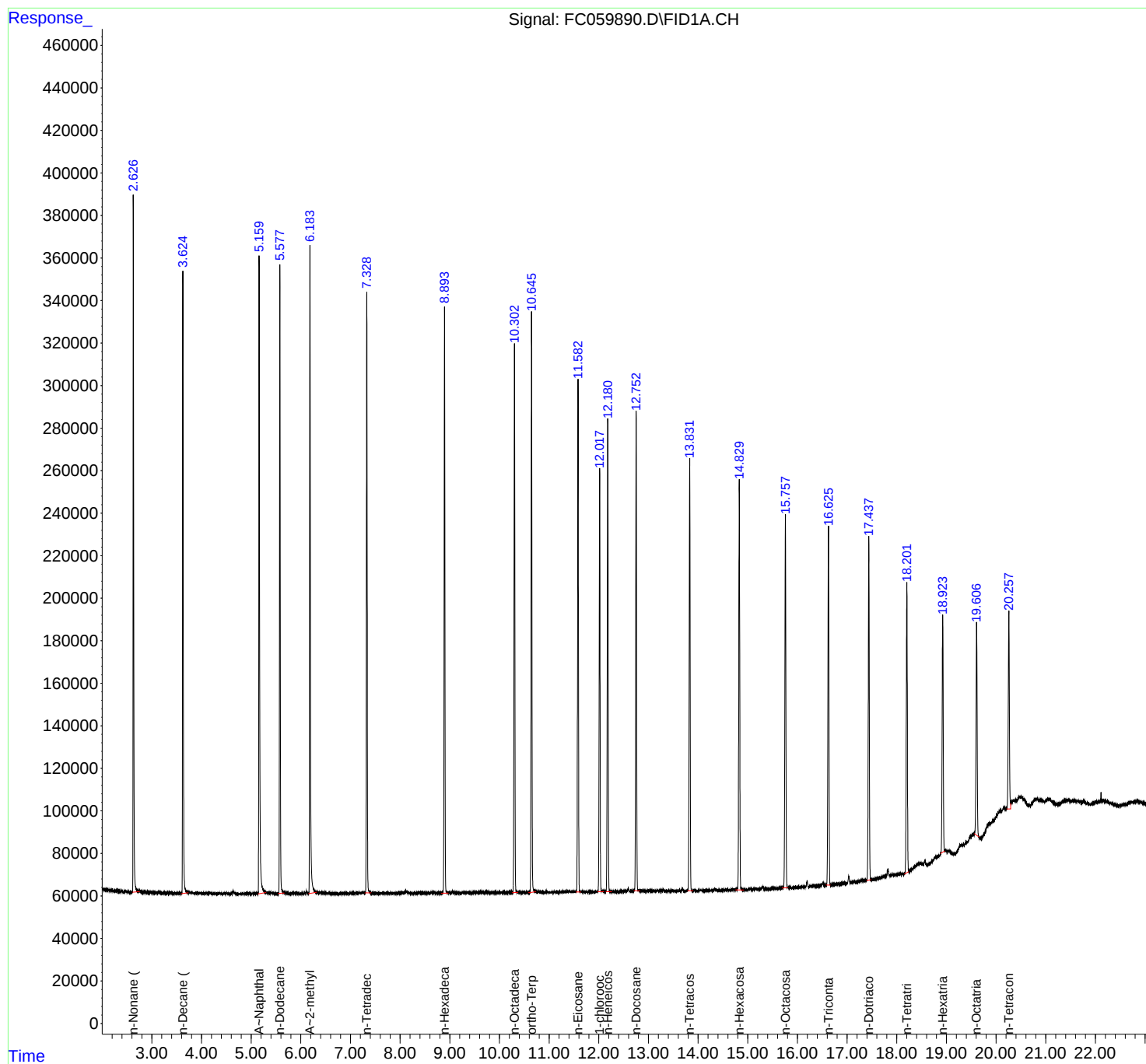
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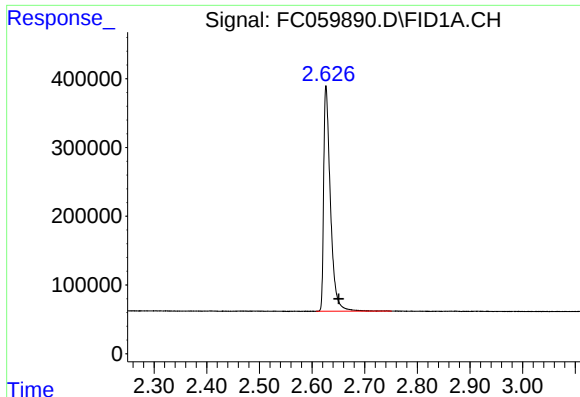
(m)=manual int.

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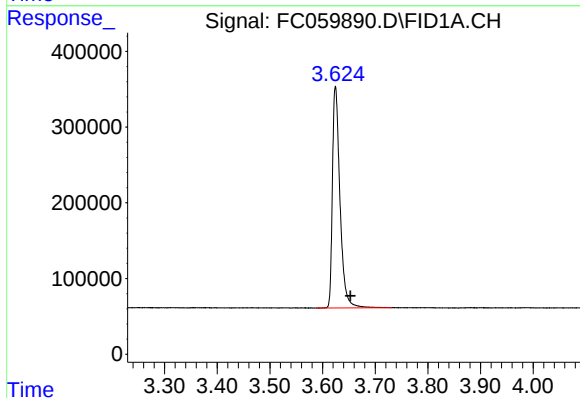
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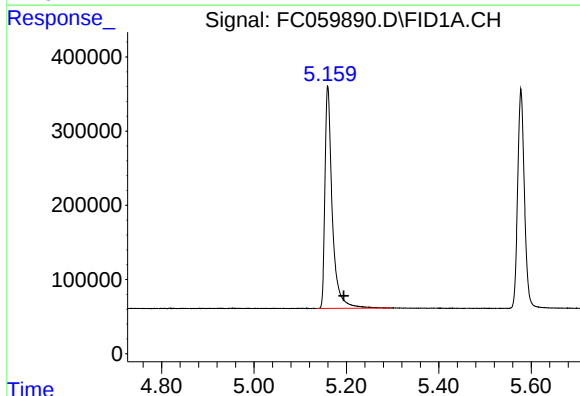
#1 n-Nonane (C9)

R.T.: 2.628 min
Delta R.T.: -0.023 min
Response: 2920912
Conc: 22.87 ug/ml



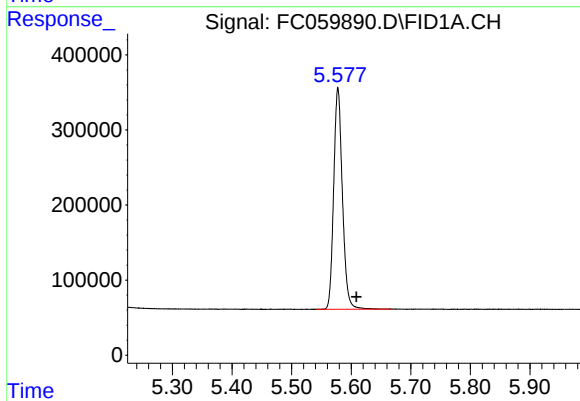
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.028 min
Response: 2916631
Conc: 23.03 ug/ml



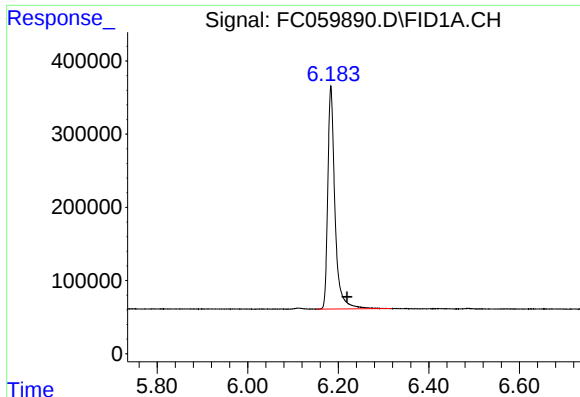
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.034 min
Response: 3312125
Conc: 22.49 ug/ml



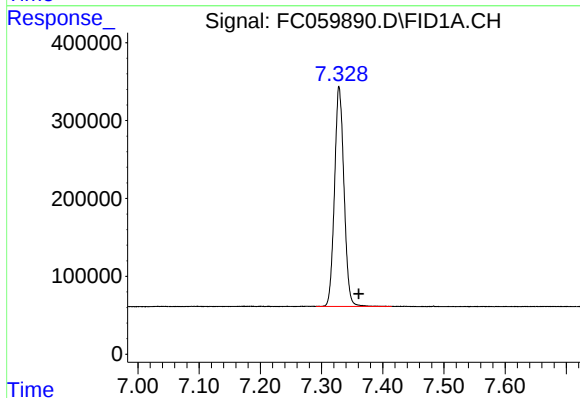
#4 n-Dodecane (C12)

R.T.: 5.578 min
Delta R.T.: -0.031 min
Response: 3005244
Conc: 22.85 ug/ml



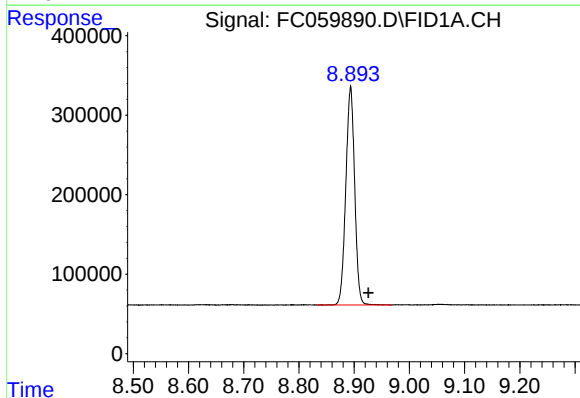
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.035 min
Response: 3348609
Conc: 22.28 ug/ml



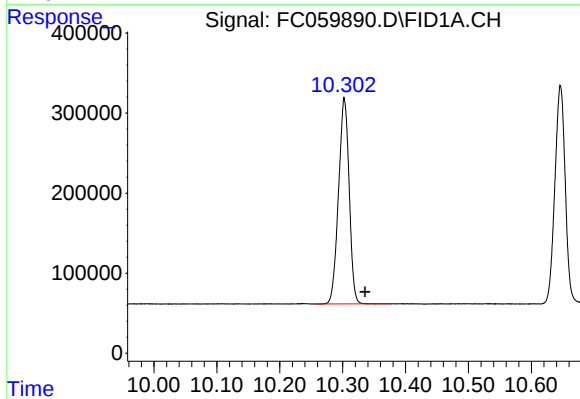
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.032 min
Response: 3038483
Conc: 22.58 ug/ml



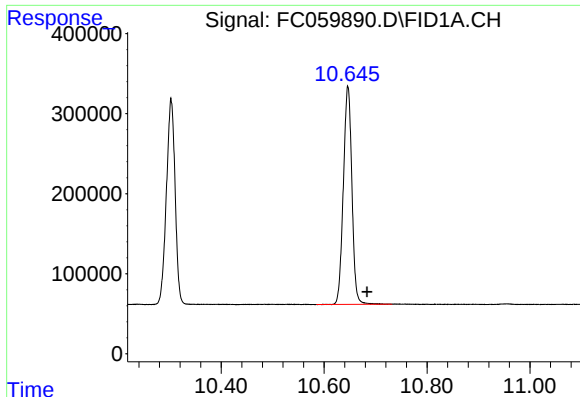
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.032 min
Response: 3060820
Conc: 22.31 ug/ml



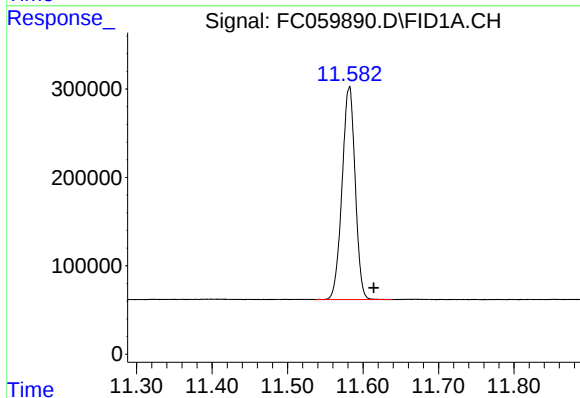
#8 n-Octadecane (C18)

R.T.: 10.302 min
Delta R.T.: -0.033 min
Response: 3019490
Conc: 21.91 ug/ml



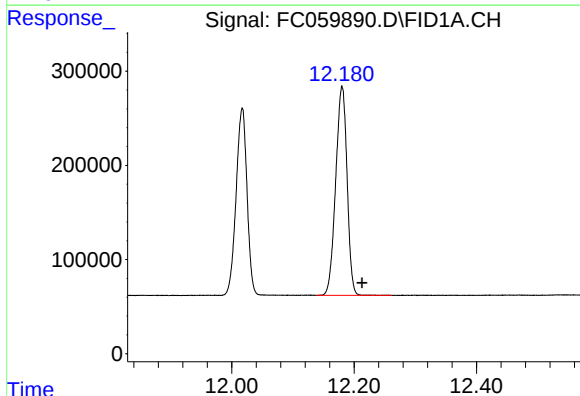
#9 ortho-Terphenyl (SURR)

R.T.: 10.646 min
Delta R.T.: -0.037 min
Response: 3142304
Conc: 21.40 ug/ml



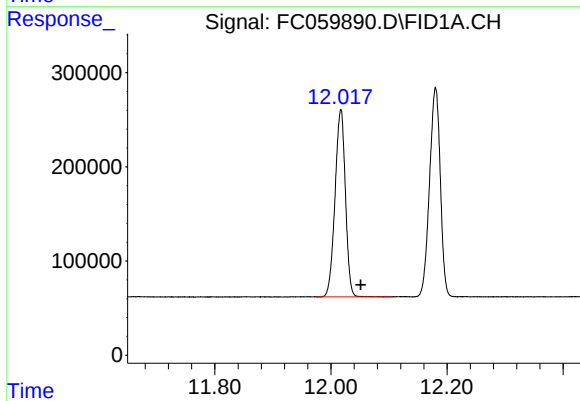
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.033 min
Response: 2908563
Conc: 21.63 ug/ml



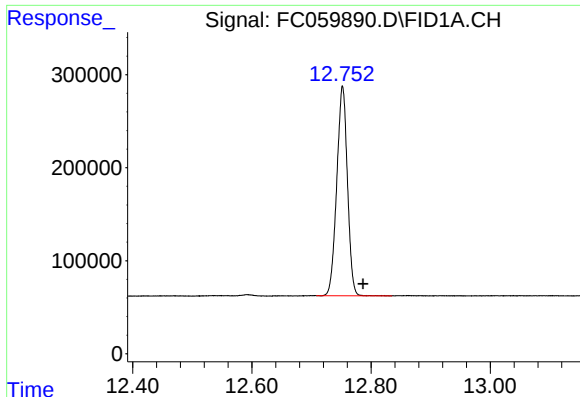
#11 n-Heneicosane (C21)

R.T.: 12.180 min
Delta R.T.: -0.033 min
Response: 2860388
Conc: 21.44 ug/ml



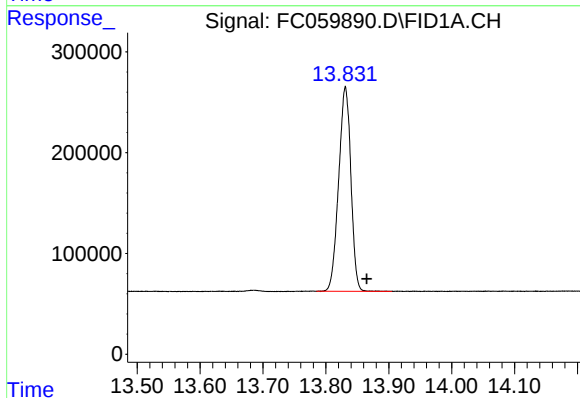
#12 1-chlorooctadecane (SURR)

R.T.: 12.017 min
Delta R.T.: -0.035 min
Response: 2462694
Conc: 21.40 ug/ml



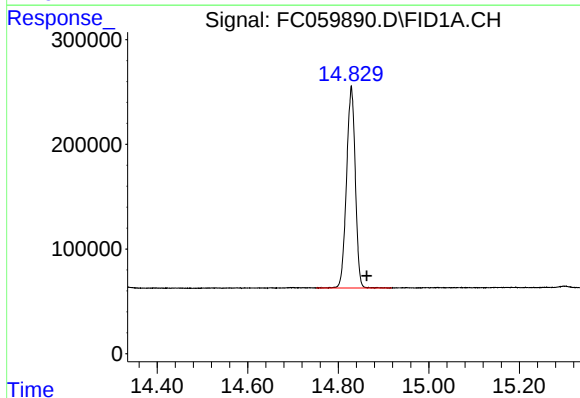
#13 n-Docosane (C22)

R.T.: 12.752 min
Delta R.T.: -0.035 min
Response: 2798575
Conc: 21.32 ug/ml



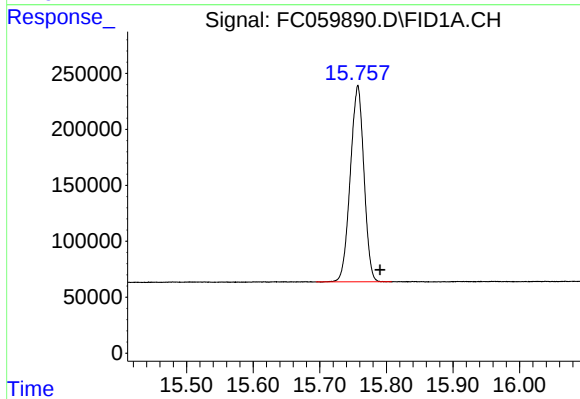
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: -0.034 min
Response: 2736346
Conc: 21.75 ug/ml



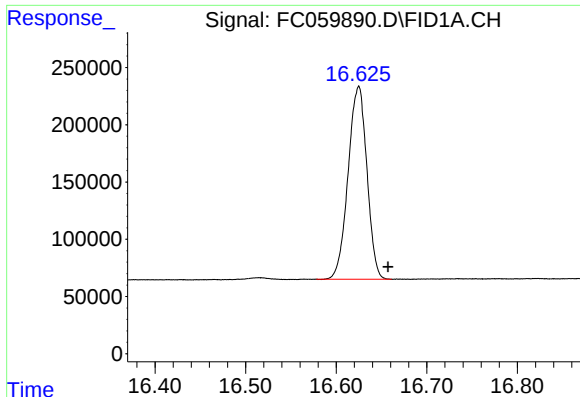
#15 n-Hexacosane (C26)

R.T.: 14.828 min
Delta R.T.: -0.034 min
Response: 2582713
Conc: 21.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.757 min
Delta R.T.: -0.034 min
Response: 2494833
Conc: 21.91 ug/ml



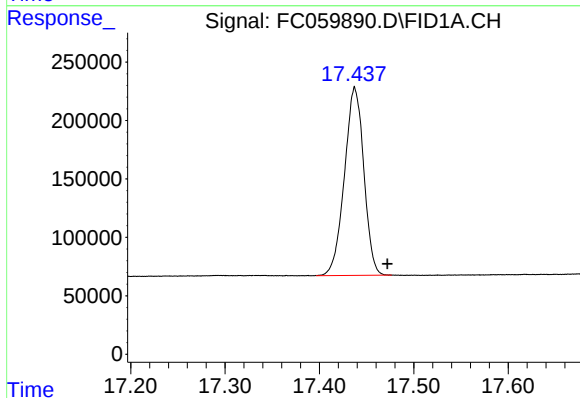
#17 n-Tricontane (C30)

R.T.: 16.624 min

Delta R.T.: -0.033 min

Response: 2428678

Conc: 22.09 ug/ml



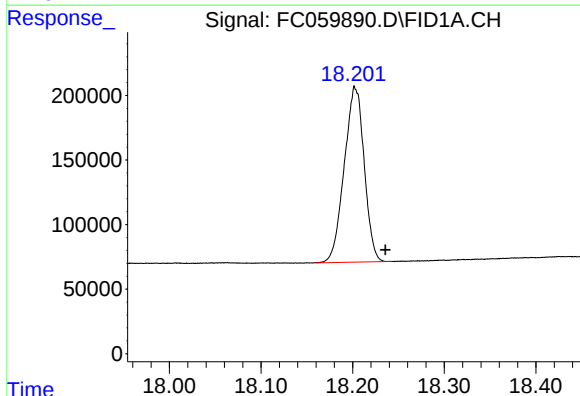
#18 n-Dotriacontane (C32)

R.T.: 17.437 min

Delta R.T.: -0.035 min

Response: 2296523

Conc: 22.21 ug/ml m



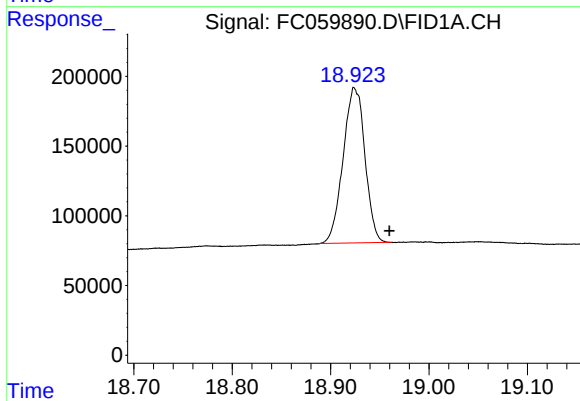
#19 n-Tetratriacontane (C34)

R.T.: 18.201 min

Delta R.T.: -0.035 min

Response: 2052785

Conc: 21.03 ug/ml m



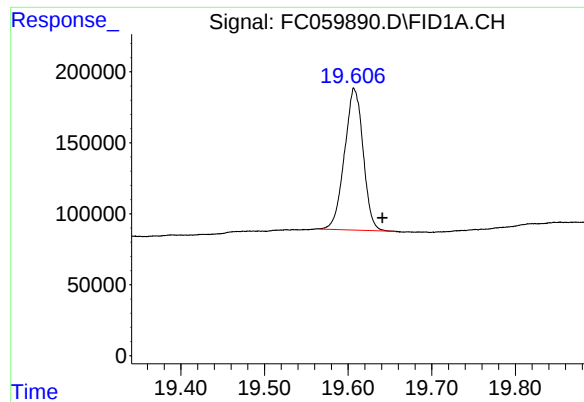
#20 n-Hexatriacontane (C36)

R.T.: 18.923 min

Delta R.T.: -0.037 min

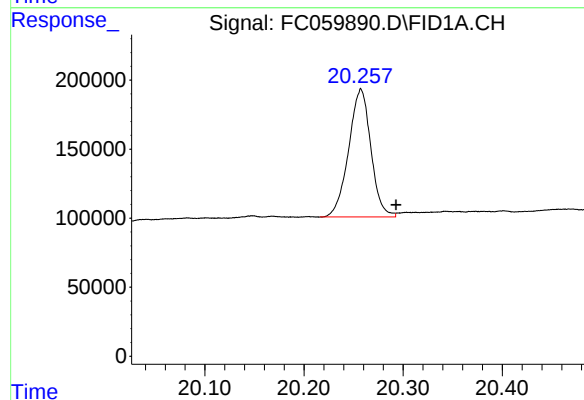
Response: 1715963

Conc: 18.48 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.606 min
Delta R.T.: -0.035 min
Response: 1544184
Conc: 16.22 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.257 min
Delta R.T.: -0.036 min
Response: 1442939
Conc: 15.24 ug/ml m