

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051322AL\
 Data File : FC059759.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2022 22:05
 Operator : UA/NP
 Sample : N2826-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PL-05-051222MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2022
 Supervised By :mohammad ahmed 05/16/2022

Integration File: sample.E
 Quant Time: May 13 23:56:57 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)	10.654	4588309	31.246 ug/mlm
Spiked Amount 50.000		Recovery =	62.49%
12) S 1-chlorooctadecane (S...	12.023	3675246	31.936 ug/ml
Spiked Amount 50.000		Recovery =	63.87%
Target Compounds			
1) T n-Nonane (C9)	2.629	3547884	27.782 ug/ml
2) T n-Decane (C10)	3.629	4176113	32.975 ug/mlm
3) T A~Naphthalene (C11.7)	5.164	5203900	35.342 ug/ml
4) T n-Dodecane (C12)	5.583	4718570	35.880 ug/ml
5) T A~2-methylnaphthalene...	6.188	5218123	34.714 ug/ml
6) T n-Tetradecane (C14)	7.337	5189300	38.565 ug/ml
7) T n-Hexadecane (C16)	8.899	5449293	39.714 ug/ml
8) T n-Octadecane (C18)	10.310	5634872	40.889 ug/ml
10) T n-Eicosane (C20)	11.589	5417331	40.279 ug/ml
11) T n-Heneicosane (C21)	12.187	5216690	39.105 ug/mlm
13) T n-Docosane (C22)	12.760	5176351	39.442 ug/ml
14) T n-Tetracosane (C24)	13.829	9926758	78.895 ug/ml
15) T n-Hexacosane (C26)	14.839	4748222	39.757 ug/mlm
16) T n-Octacosane (C28)	15.766	4803904	42.197 ug/ml
17) T n-Tricontane (C30)	16.636	4481923	40.773 ug/mlm
18) T n-Dotriacontane (C32)	17.449	4472483	43.262 ug/mlm
19) T n-Tetratriacontane (C34)	18.213	4081247	41.803 ug/mlm
20) T n-Hexatriacontane (C36)	18.936	3721925	40.092 ug/mlm
21) T n-Octatriacontane (C38)	19.622	3545615	37.246 ug/mlm
22) T n-Tetracontane (C40)	20.270	3531003	37.300 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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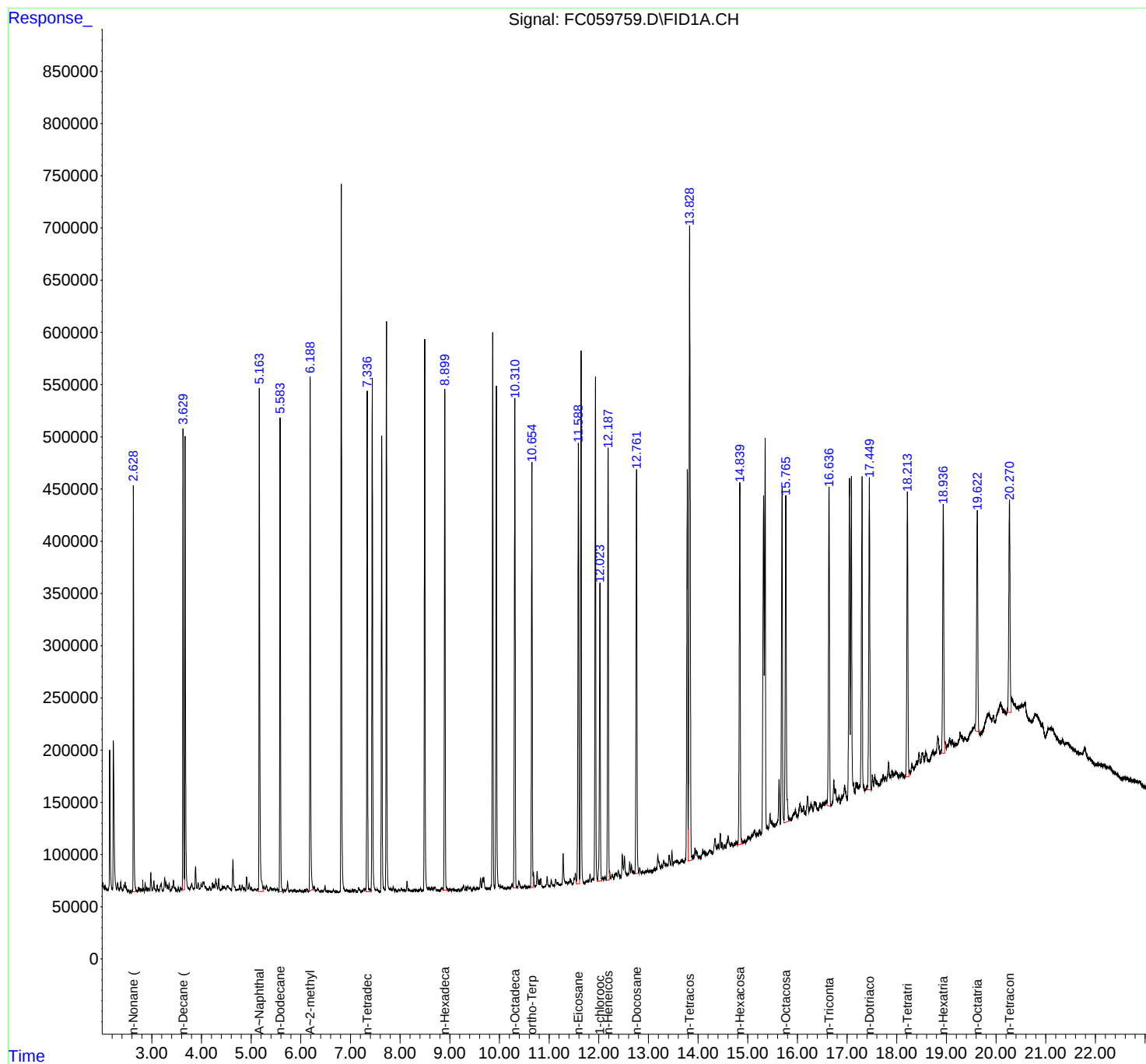
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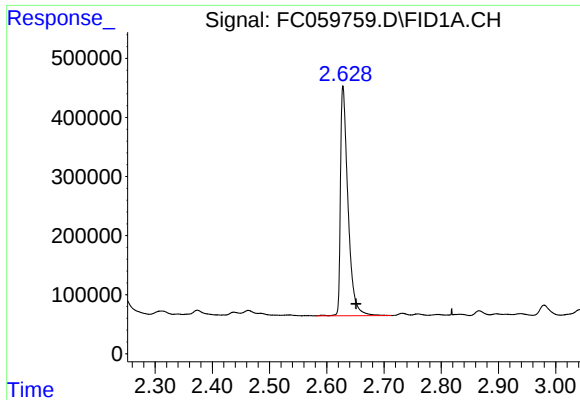
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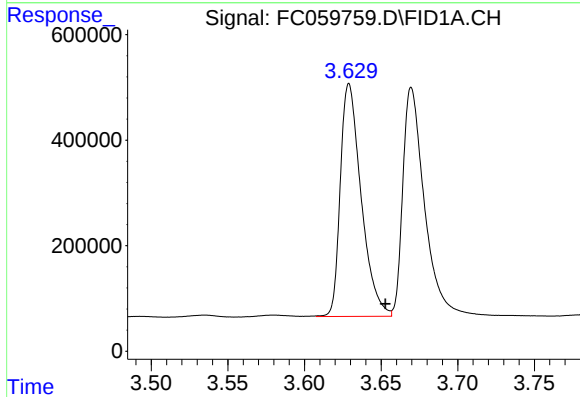
#1 n-Nonane (C9)

R.T.: 2.629 min
Delta R.T.: -0.022 min
Response: 3547884
Conc: 27.78 ug/ml

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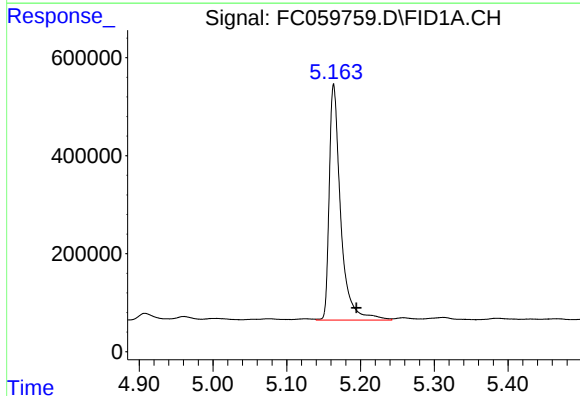
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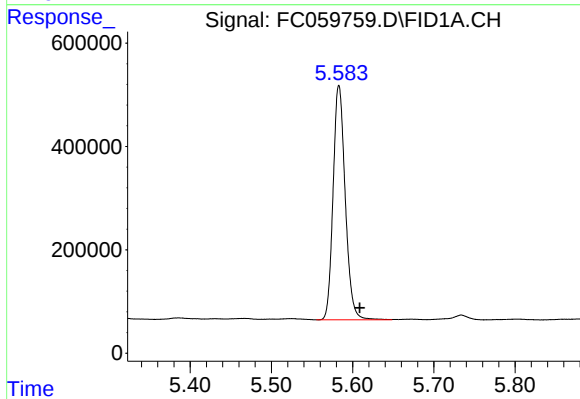
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: -0.024 min
Response: 4176113
Conc: 32.97 ug/ml m



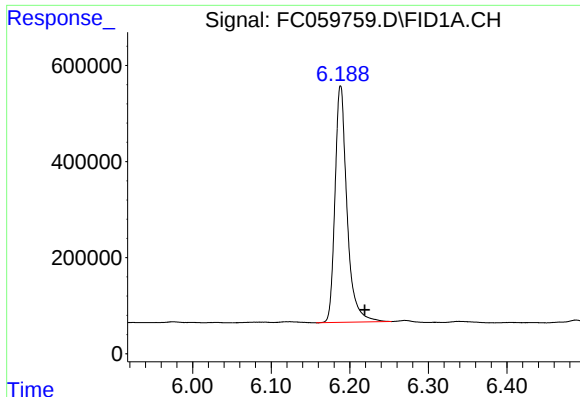
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.030 min
Response: 5203900
Conc: 35.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.583 min
Delta R.T.: -0.025 min
Response: 4718570
Conc: 35.88 ug/ml



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

R.T.: 6.188 min
Delta R.T.: -0.031 min
Response: 5218123
Conc: 34.71 ug/ml

Instrument :

FID_C

ClientSampleId :

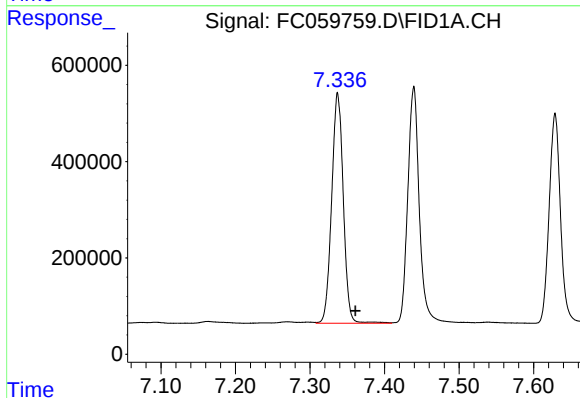
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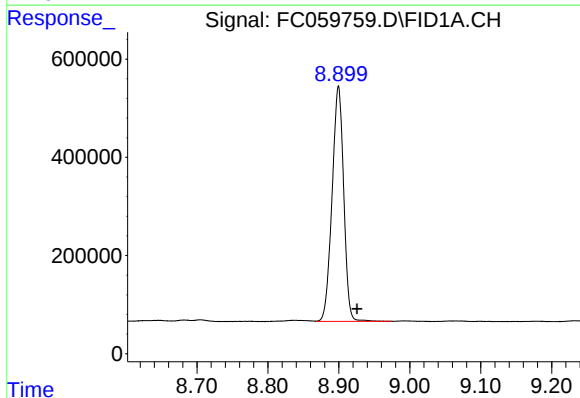
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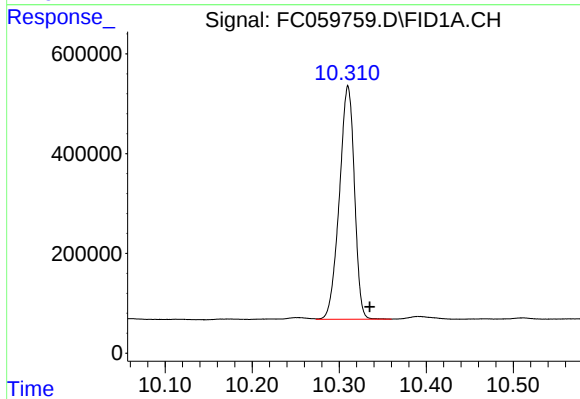
#6 n-Tetradecane (C14)

R.T.: 7.337 min
Delta R.T.: -0.024 min
Response: 5189300
Conc: 38.57 ug/ml



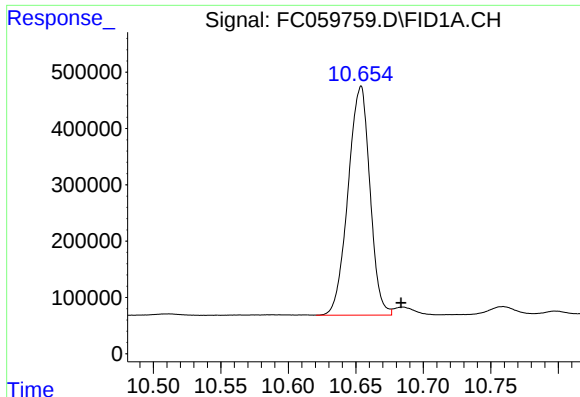
#7 n-Hexadecane (C16)

R.T.: 8.899 min
Delta R.T.: -0.026 min
Response: 5449293
Conc: 39.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.310 min
Delta R.T.: -0.025 min
Response: 5634872
Conc: 40.89 ug/ml



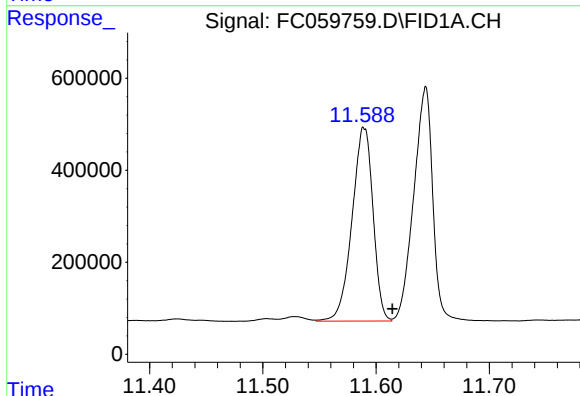
#9 ortho-Terphenyl (SURR)

R.T.: 10.654 min
Delta R.T.: -0.030 min
Response: 4588309
Conc: 31.25 ug/ml

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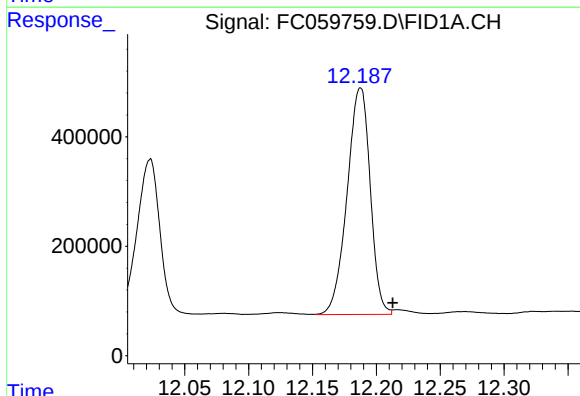
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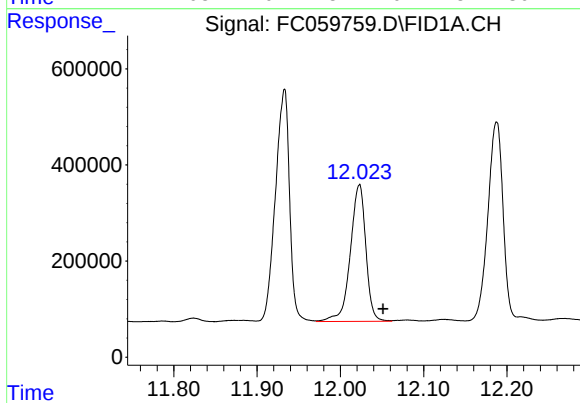
#10 n-Eicosane (C20)

R.T.: 11.589 min
Delta R.T.: -0.025 min
Response: 5417331
Conc: 40.28 ug/ml



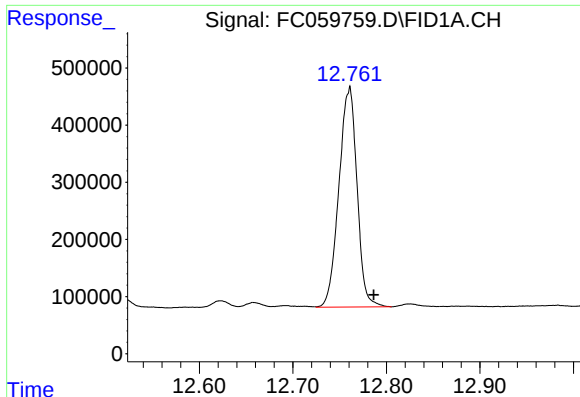
#11 n-Heneicosane (C21)

R.T.: 12.187 min
Delta R.T.: -0.026 min
Response: 5216690
Conc: 39.10 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.023 min
Delta R.T.: -0.029 min
Response: 3675246
Conc: 31.94 ug/ml



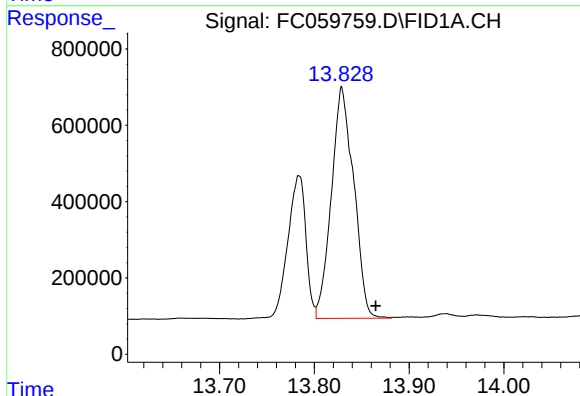
#13 n-Docosane (C22)

R.T.: 12.760 min
Delta R.T.: -0.026 min
Response: 5176351
Conc: 39.44 ug/ml

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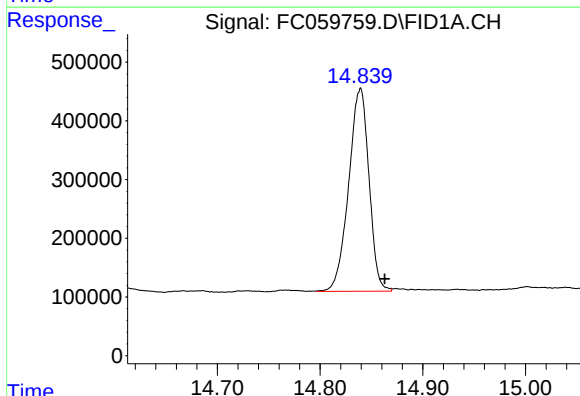
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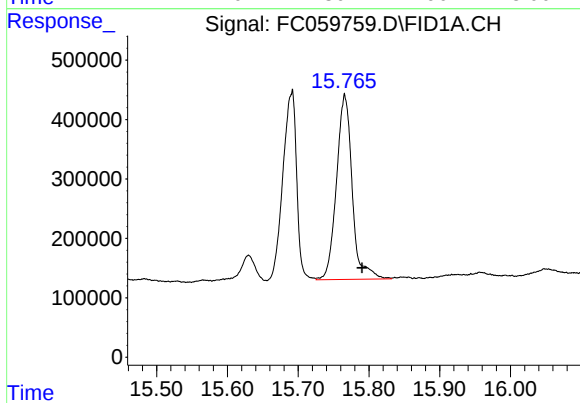
#14 n-Tetracosane (C24)

R.T.: 13.829 min
Delta R.T.: -0.036 min
Response: 9926758
Conc: 78.90 ug/ml



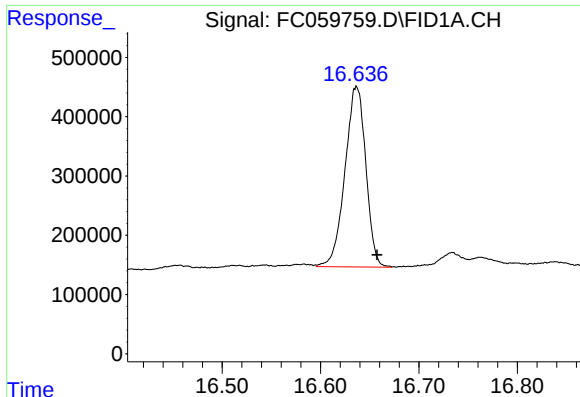
#15 n-Hexacosane (C26)

R.T.: 14.839 min
Delta R.T.: -0.024 min
Response: 4748222
Conc: 39.76 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.766 min
Delta R.T.: -0.024 min
Response: 4803904
Conc: 42.20 ug/ml



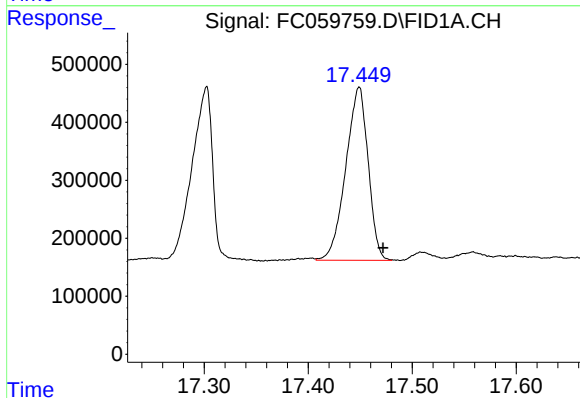
#17 n-Tricontane (C30)

R.T.: 16.636 min
Delta R.T.: -0.021 min
Response: 4481923
Conc: 40.77 ug/ml

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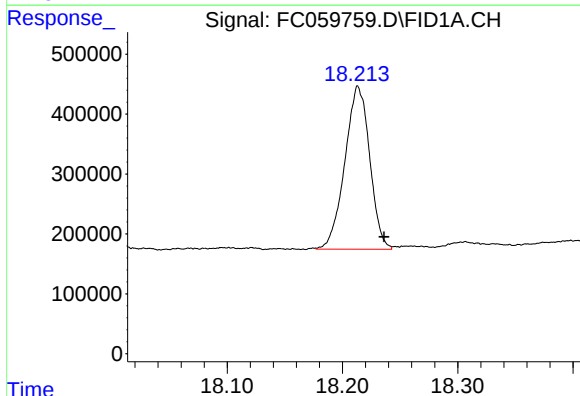
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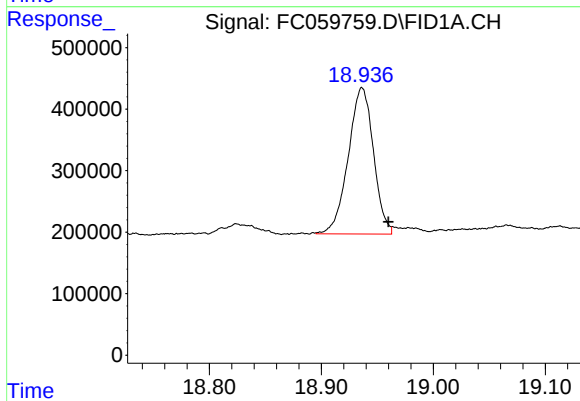
#18 n-Dotriacontane (C32)

R.T.: 17.449 min
Delta R.T.: -0.023 min
Response: 4472483
Conc: 43.26 ug/ml m



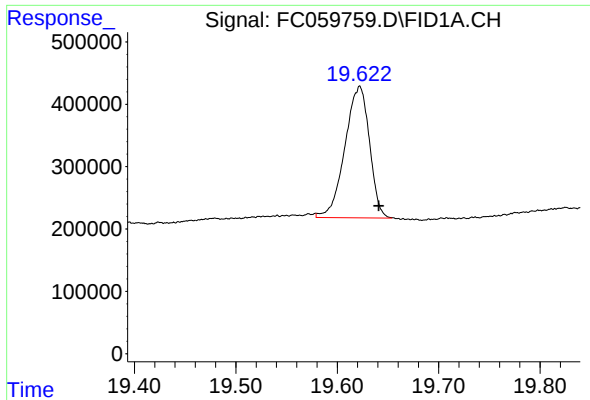
#19 n-Tetratriacontane (C34)

R.T.: 18.213 min
Delta R.T.: -0.023 min
Response: 4081247
Conc: 41.80 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.936 min
Delta R.T.: -0.024 min
Response: 3721925
Conc: 40.09 ug/ml m



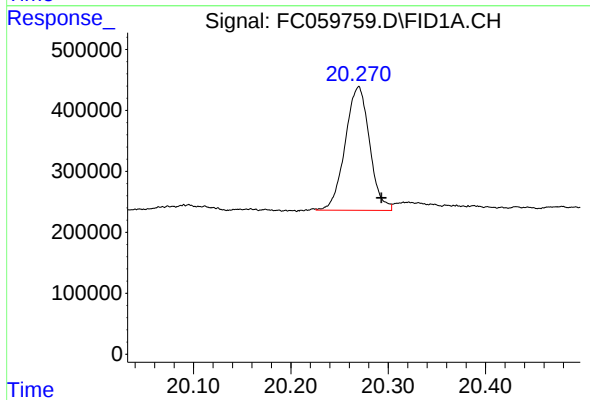
#21 n-Octatriacontane (C38)

R.T.: 19.622 min
Delta R.T.: -0.019 min
Response: 3545615
Conc: 37.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.270 min
Delta R.T.: -0.023 min
Response: 3531003
Conc: 37.30 ug/ml m