

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050922AL\
 Data File : FC059644.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2022 00:24
 Operator : UA/NP
 Sample : N2745-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

MH-31SMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/10/2022

Supervised By :mohammad ahmed 05/10/2022

Integration File: sample.E

Quant Time: May 10 02:06:57 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)	10.677	5057855	34.443 ug/ml
Spiked Amount 50.000		Recovery =	68.89%
12) S 1-chlorooctadecane (S...	12.044	4061072	35.289 ug/ml
Spiked Amount 50.000		Recovery =	70.58%
Target Compounds			
1) T n-Nonane (C9)	2.648	3798962	29.749 ug/ml
2) T n-Decane (C10)	3.648	4413599	34.850 ug/ml
3) T A~Naphthalene (C11.7)	5.187	5634103	38.264 ug/ml
4) T n-Dodecane (C12)	5.603	4989124	37.938 ug/ml
5) T A~2-methylnaphthalene...	6.211	5819240	38.713 ug/ml
6) T n-Tetradecane (C14)	7.357	5456438	40.551 ug/ml
7) T n-Hexadecane (C16)	8.920	6062582	44.183 ug/ml
8) T n-Octadecane (C18)	10.331	6770734	49.132 ug/ml
10) T n-Eicosane (C20)	11.611	6630630	49.300 ug/ml
11) T n-Heneicosane (C21)	12.209	6543604	49.051 ug/ml
13) T n-Docosane (C22)	12.782	6417504	48.899 ug/ml
14) T n-Tetracosane (C24)	13.854	11857170	94.238 ug/ml
15) T n-Hexacosane (C26)	14.860	5879222	49.227 ug/ml
16) T n-Octacosane (C28)	15.786	5616752	49.336 ug/ml
17) T n-Tricontane (C30)	16.655	5283303	48.063 ug/ml
18) T n-Dotriacontane (C32)	17.466	5230611	50.595 ug/ml
19) T n-Tetratriacontane (C34)	18.230	4671064	47.844 ug/mlm
20) T n-Hexatriacontane (C36)	18.954	4395557	47.349 ug/mlm
21) T n-Octatriacontane (C38)	19.634	4218333	44.313 ug/mlm
22) T n-Tetracontane (C40)	20.284	4080183	43.102 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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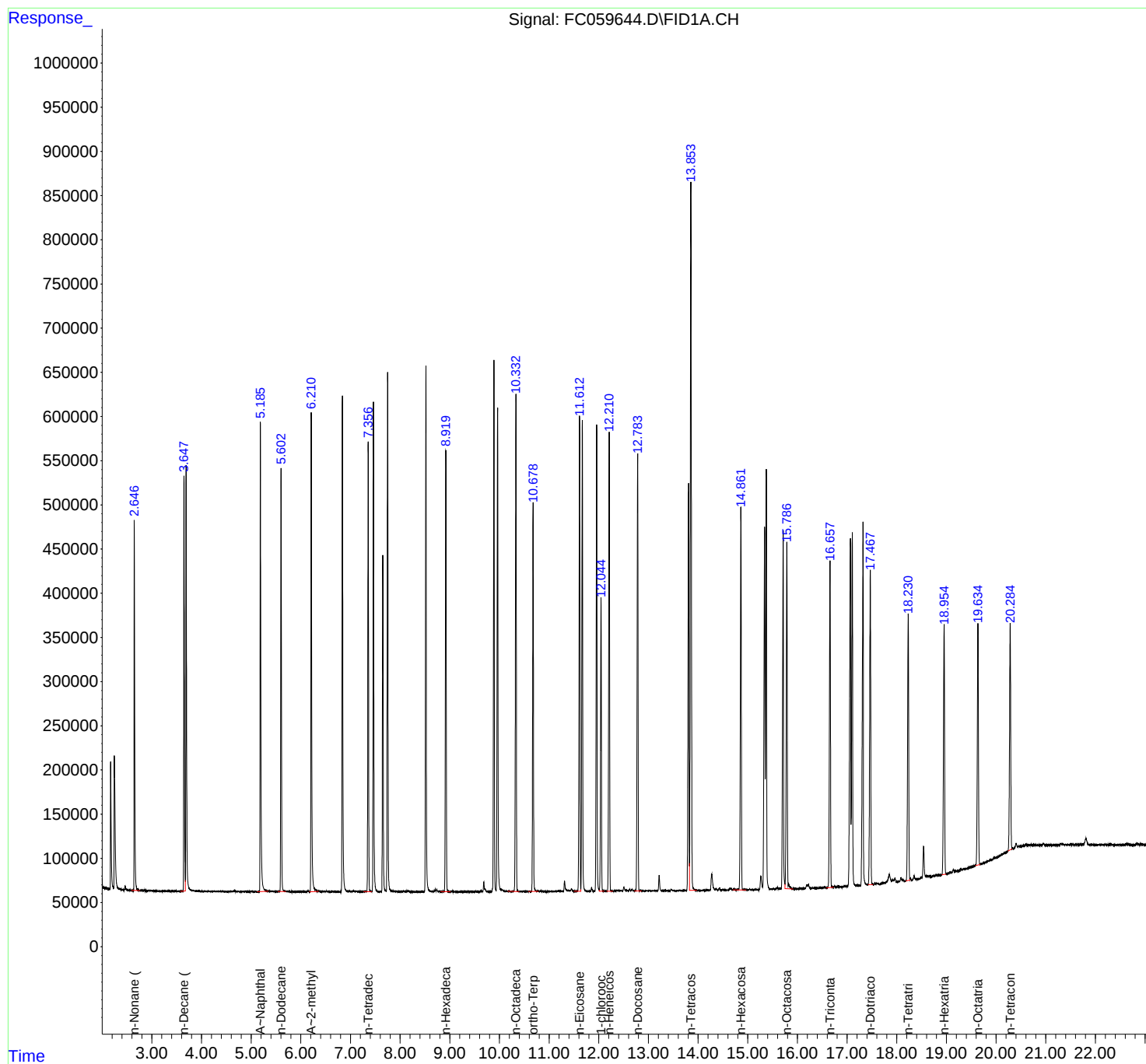
Instrument :
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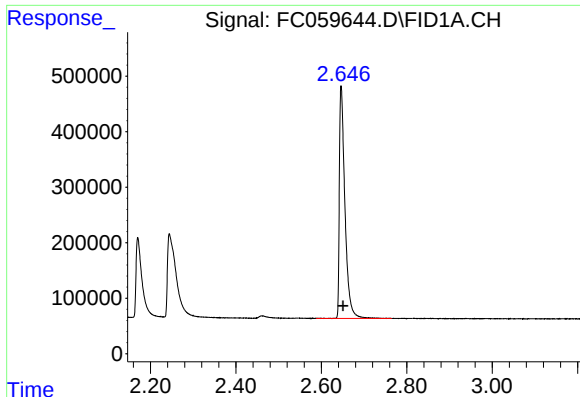
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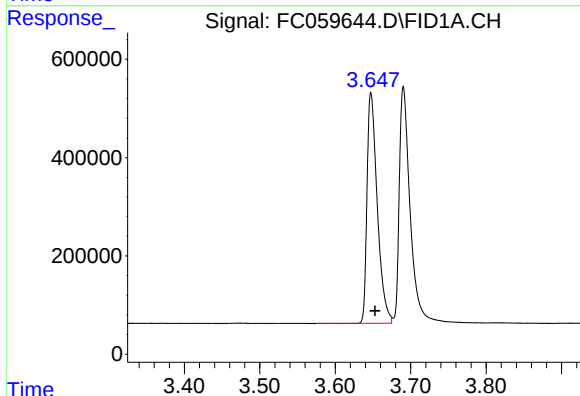
#1 n-Nonane (C9)

R.T.: 2.648 min
Delta R.T.: -0.003 min
Response: 3798962
Conc: 29.75 ug/ml

Instrument :
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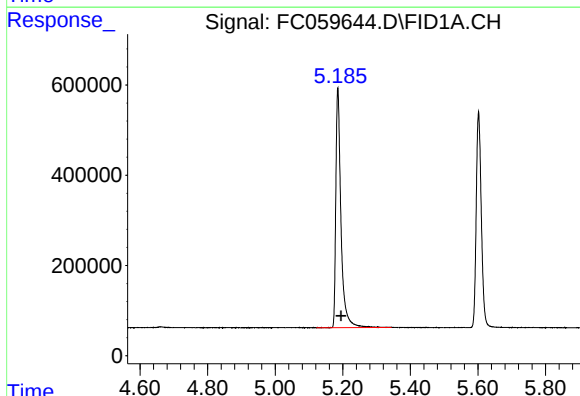
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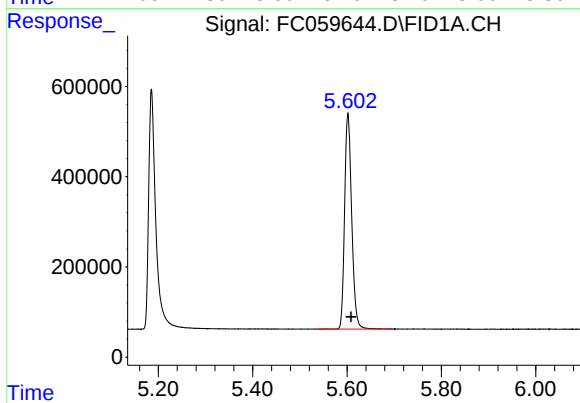
#2 n-Decane (C10)

R.T.: 3.648 min
Delta R.T.: -0.004 min
Response: 4413599
Conc: 34.85 ug/ml



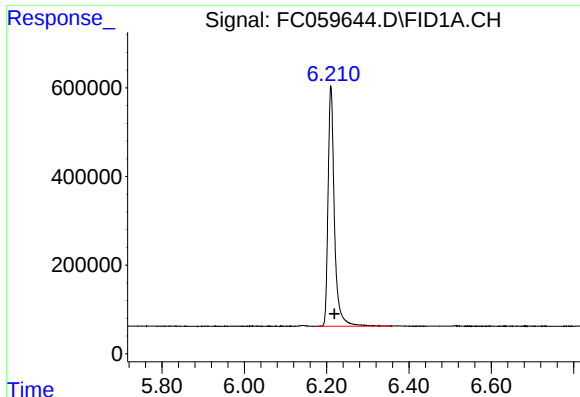
#3 A~Naphthalene (C11.7)

R.T.: 5.187 min
Delta R.T.: -0.008 min
Response: 5634103
Conc: 38.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.603 min
Delta R.T.: -0.006 min
Response: 4989124
Conc: 37.94 ug/ml



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

R.T.: 6.211 min
Delta R.T.: -0.008 min
Response: 5819240
Conc: 38.71 ug/ml

Instrument :

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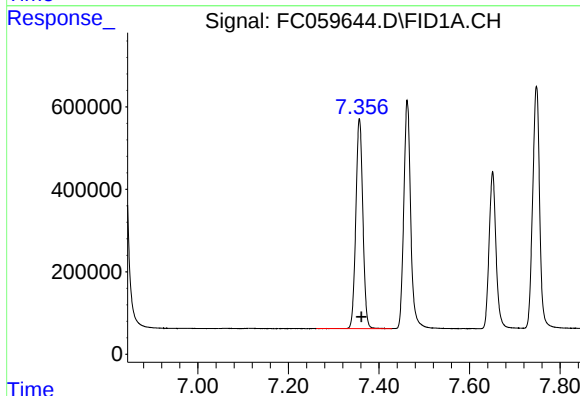
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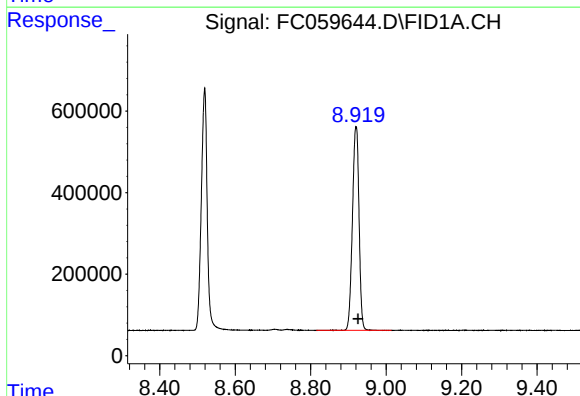
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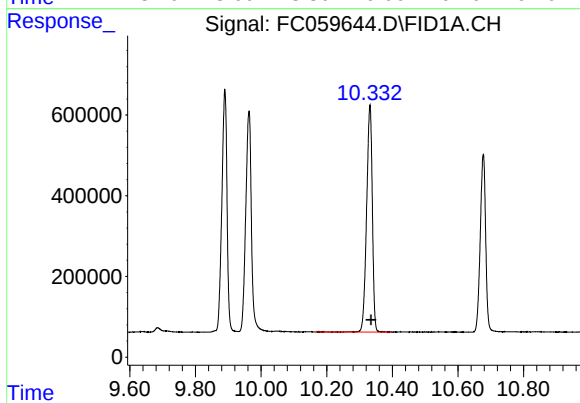
#6 n-Tetradecane (C14)

R.T.: 7.357 min
Delta R.T.: -0.004 min
Response: 5456438
Conc: 40.55 ug/ml



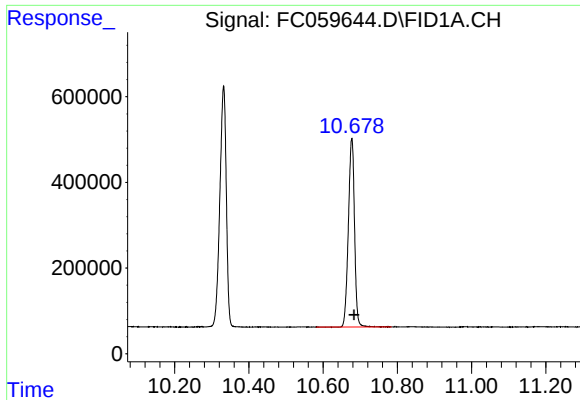
#7 n-Hexadecane (C16)

R.T.: 8.920 min
Delta R.T.: -0.006 min
Response: 6062582
Conc: 44.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.331 min
Delta R.T.: -0.004 min
Response: 6770734
Conc: 49.13 ug/ml



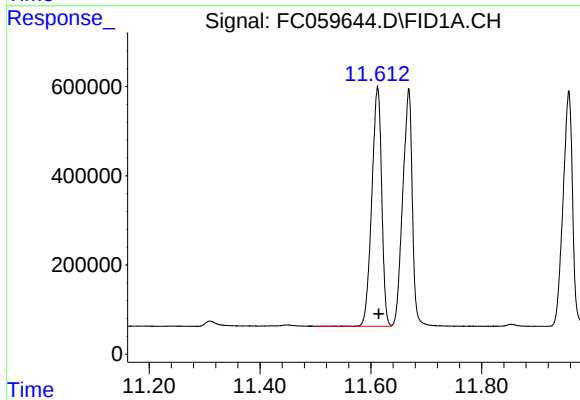
#9 ortho-Terphenyl (SURR)

R.T.: 10.677 min
Delta R.T.: -0.007 min
Response: 5057855
Conc: 34.44 ug/ml

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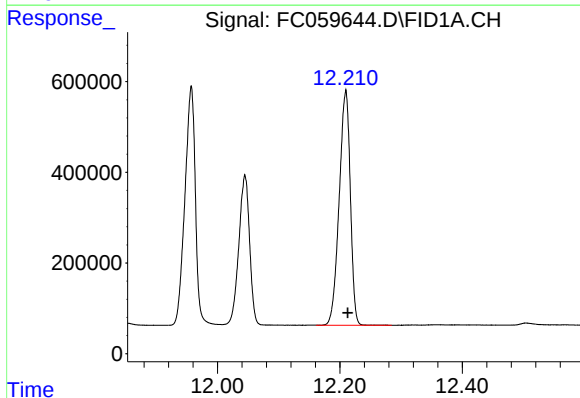
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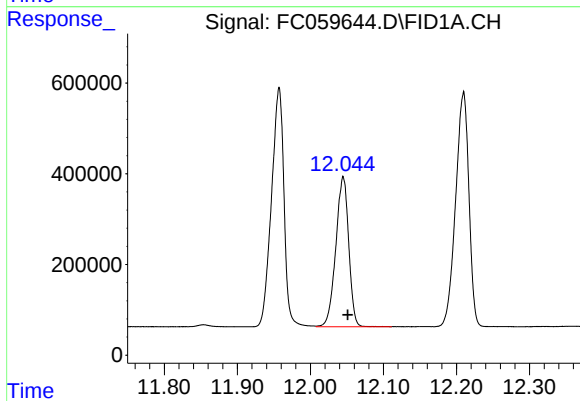
#10 n-Eicosane (C20)

R.T.: 11.611 min
Delta R.T.: -0.003 min
Response: 6630630
Conc: 49.30 ug/ml



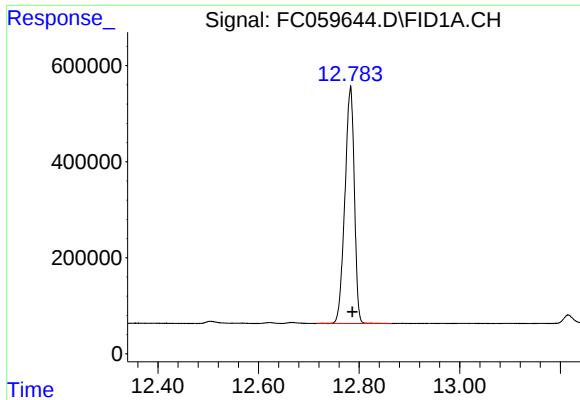
#11 n-Heneicosane (C21)

R.T.: 12.209 min
Delta R.T.: -0.004 min
Response: 6543604
Conc: 49.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.044 min
Delta R.T.: -0.007 min
Response: 4061072
Conc: 35.29 ug/ml



#13 n-Docosane (C22)

R.T.: 12.782 min
Delta R.T.: -0.005 min
Response: 6417504
Conc: 48.90 ug/ml

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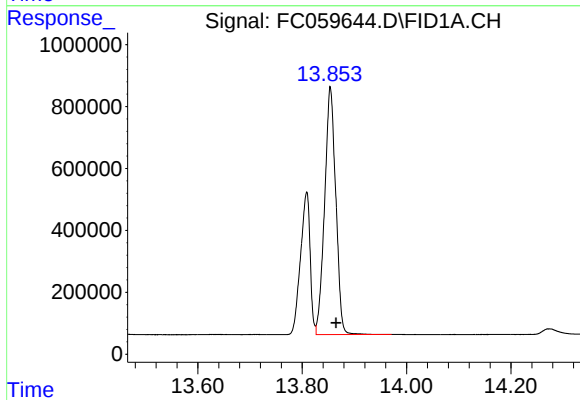
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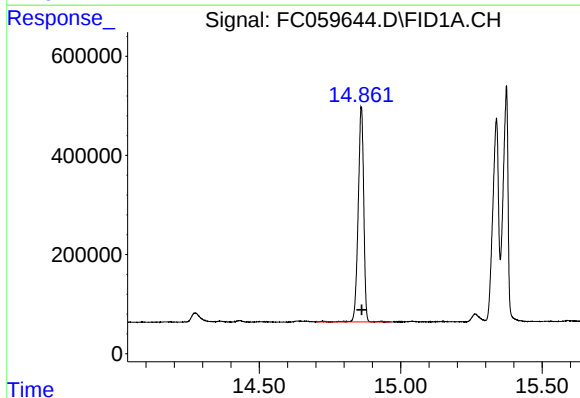
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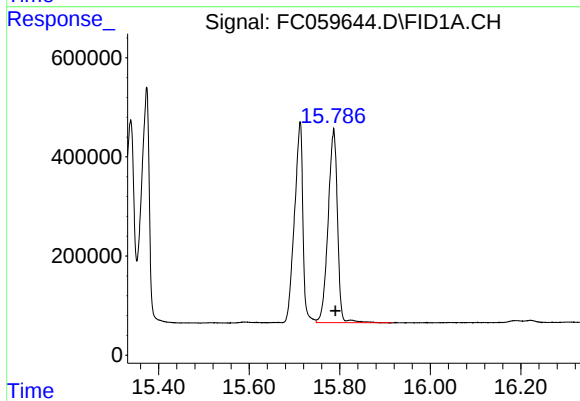
#14 n-Tetracosane (C24)

R.T.: 13.854 min
Delta R.T.: -0.011 min
Response: 11857170
Conc: 94.24 ug/ml



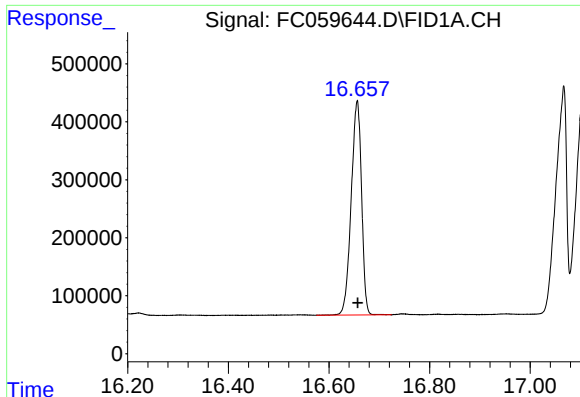
#15 n-Hexacosane (C26)

R.T.: 14.860 min
Delta R.T.: -0.003 min
Response: 5879222
Conc: 49.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.786 min
Delta R.T.: -0.005 min
Response: 5616752
Conc: 49.34 ug/ml



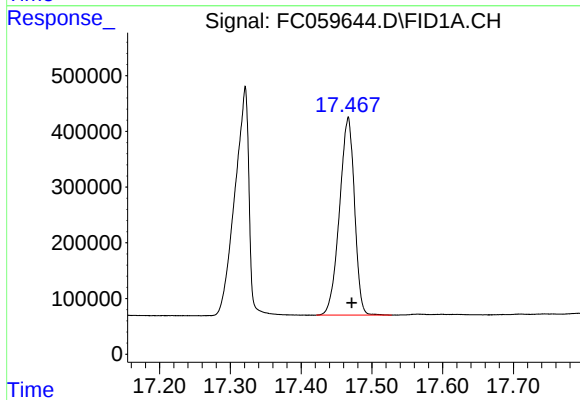
#17 n-Tricontane (C30)

R.T.: 16.655 min
Delta R.T.: -0.002 min
Response: 5283303
Conc: 48.06 ug/ml

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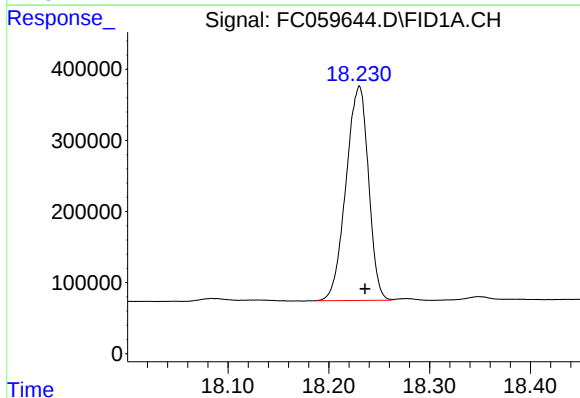
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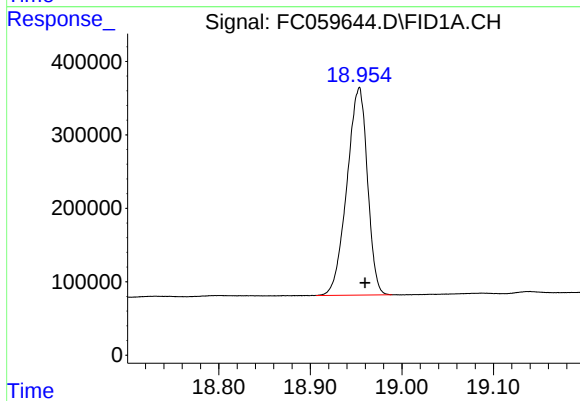
#18 n-Dotriacontane (C32)

R.T.: 17.466 min
Delta R.T.: -0.006 min
Response: 5230611
Conc: 50.59 ug/ml



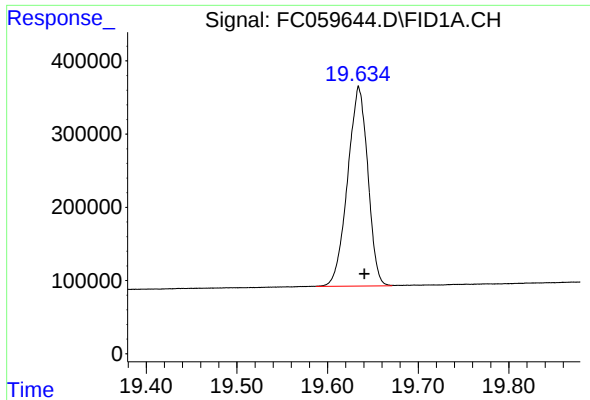
#19 n-Tetratriacontane (C34)

R.T.: 18.230 min
Delta R.T.: -0.006 min
Response: 4671064
Conc: 47.84 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.954 min
Delta R.T.: -0.006 min
Response: 4395557
Conc: 47.35 ug/ml m



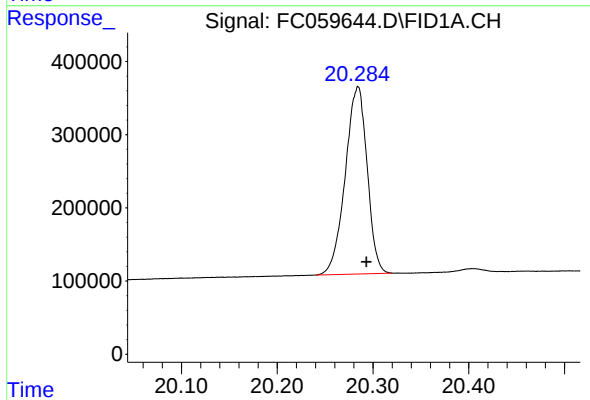
#21 n-Octatriacontane (C38)

R.T.: 19.634 min
Delta R.T.: -0.007 min
Response: 4218333
Conc: 44.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.284 min
Delta R.T.: -0.009 min
Response: 4080183
Conc: 43.10 ug/ml m