

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051022AL\
 Data File : FC059669.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2022 19:26
 Operator : UA/NP
 Sample : PB144709BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144709BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/11/2022
 Supervised By :mohammad ahmed 05/11/2022

Integration File: sample.E
 Quant Time: May 11 01:39:07 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)	10.669	6648571	45.276 ug/ml
Spiked Amount 50.000		Recovery =	90.55%
12) S 1-chlorooctadecane (S...	12.037	5358533	46.563 ug/ml
Spiked Amount 50.000		Recovery =	93.13%
Target Compounds			
1) T n-Nonane (C9)	2.656	5603116	43.876 ug/ml
2) T n-Decane (C10)	3.649	6040715	47.697 ug/ml
3) T A~Naphthalene (C11.7)	5.180	7307494	49.628 ug/ml
4) T n-Dodecane (C12)	5.597	6406900	48.719 ug/ml
5) T A~2-methylnaphthalene...	6.204	7255201	48.265 ug/ml
6) T n-Tetradecane (C14)	7.351	6523591	48.481 ug/ml
7) T n-Hexadecane (C16)	8.914	6690376	48.758 ug/ml
8) T n-Octadecane (C18)	10.323	7001246	50.805 ug/ml
10) T n-Eicosane (C20)	11.603	6676938	49.644 ug/ml
11) T n-Heneicosane (C21)	12.200	6574243	49.281 ug/ml
13) T n-Docosane (C22)	12.773	6419402	48.913 ug/ml
14) T n-Tetracosane (C24)	13.844	11821355	93.953 ug/ml
15) T n-Hexacosane (C26)	14.850	5798376	48.550 ug/ml
16) T n-Octacosane (C28)	15.776	5579990	49.014 ug/ml
17) T n-Tricontane (C30)	16.645	5208413	47.382 ug/ml
18) T n-Dotriacontane (C32)	17.457	5087100	49.207 ug/mlm
19) T n-Tetratriacontane (C34)	18.220	4534687	46.447 ug/mlm
20) T n-Hexatriacontane (C36)	18.941	4185214	45.083 ug/mlm
21) T n-Octatriacontane (C38)	19.624	3913762	41.114 ug/mlm
22) T n-Tetracontane (C40)	20.271	3747211	39.584 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB144709BSD
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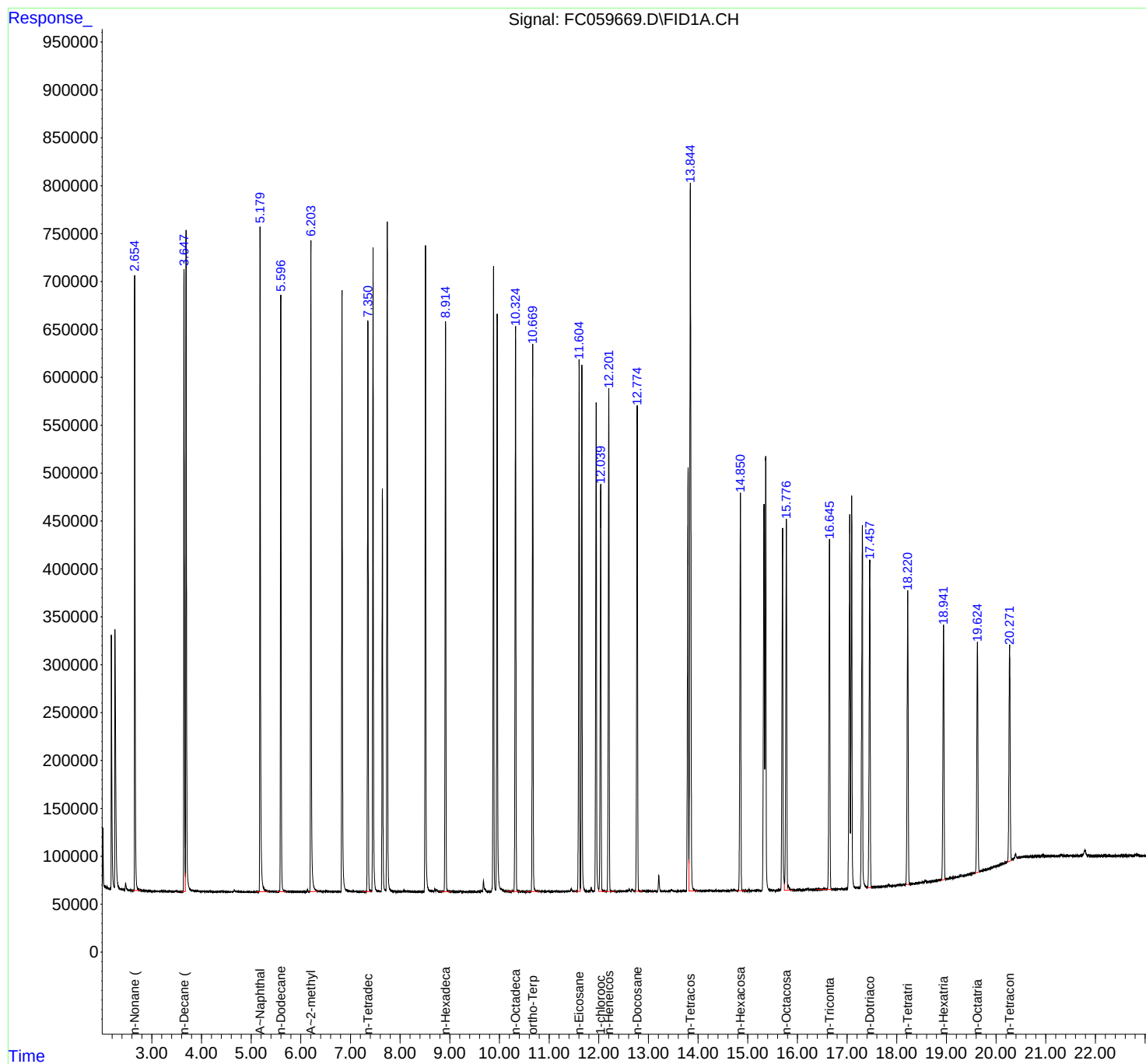
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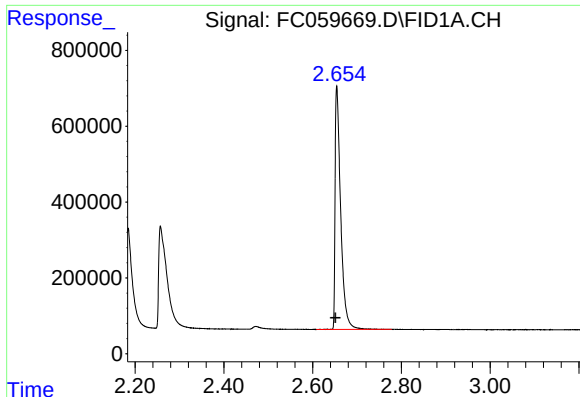
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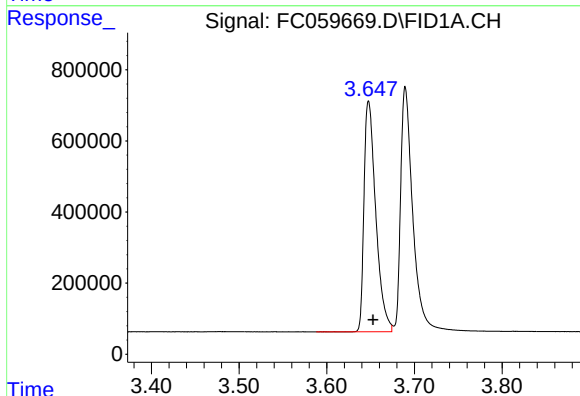
#1 n-Nonane (C9)

R.T.: 2.656 min
Delta R.T.: 0.005 min
Response: 5603116
Conc: 43.88 ug/ml

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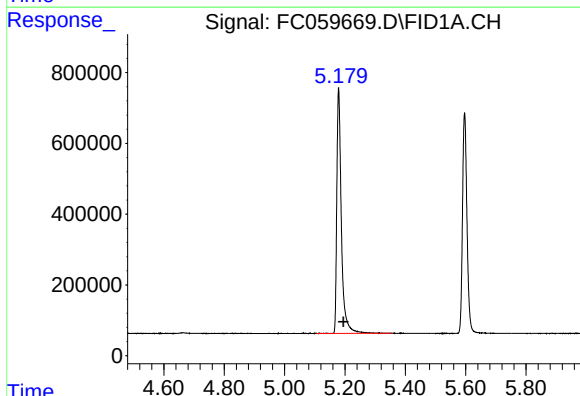
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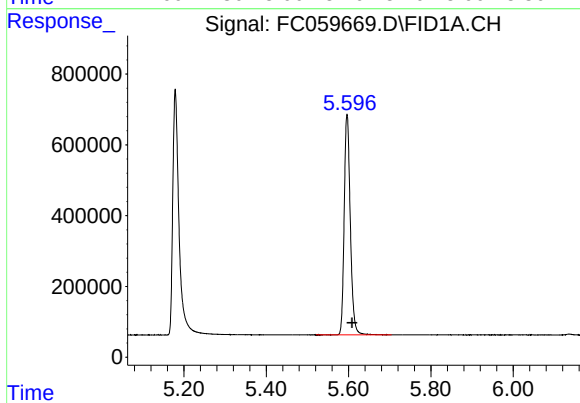
#2 n-Decane (C10)

R.T.: 3.649 min
Delta R.T.: -0.004 min
Response: 6040715
Conc: 47.70 ug/ml



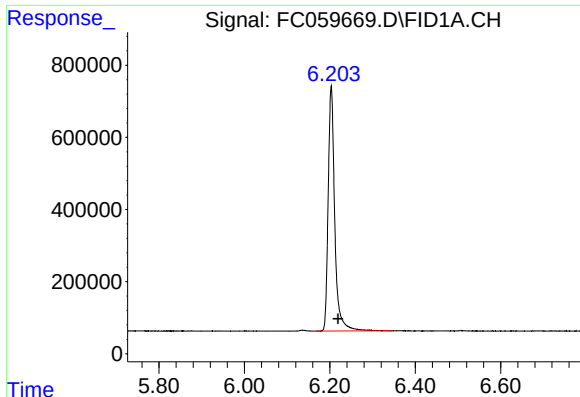
#3 A~Naphthalene (C11.7)

R.T.: 5.180 min
Delta R.T.: -0.014 min
Response: 7307494
Conc: 49.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.597 min
Delta R.T.: -0.012 min
Response: 6406900
Conc: 48.72 ug/ml



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

R.T.: 6.204 min
Delta R.T.: -0.016 min
Response: 7255201
Conc: 48.27 ug/ml

Instrument :

FID_C

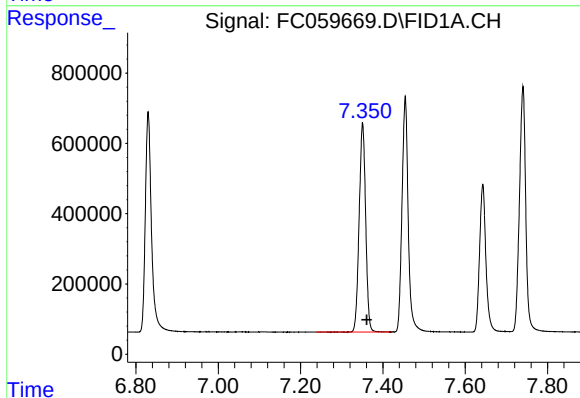
ClientSampleId :

PB144709BSD

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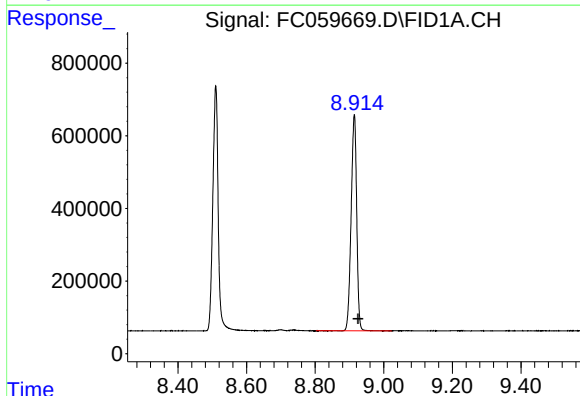
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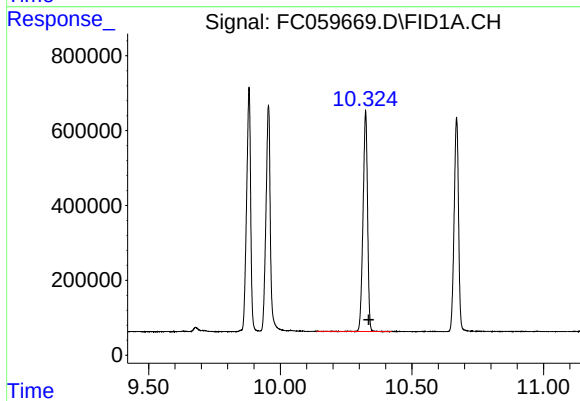
#6 n-Tetradecane (C14)

R.T.: 7.351 min
Delta R.T.: -0.010 min
Response: 6523591
Conc: 48.48 ug/ml



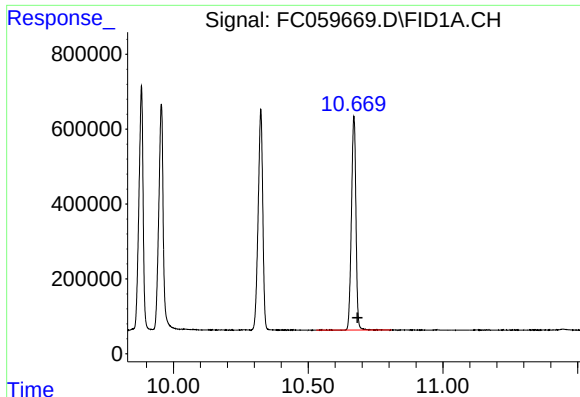
#7 n-Hexadecane (C16)

R.T.: 8.914 min
Delta R.T.: -0.012 min
Response: 6690376
Conc: 48.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.323 min
Delta R.T.: -0.012 min
Response: 7001246
Conc: 50.80 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.669 min
Delta R.T.: -0.014 min
Response: 6648571
Conc: 45.28 ug/ml

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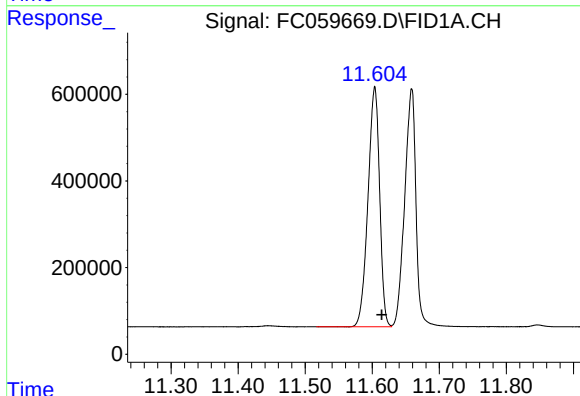
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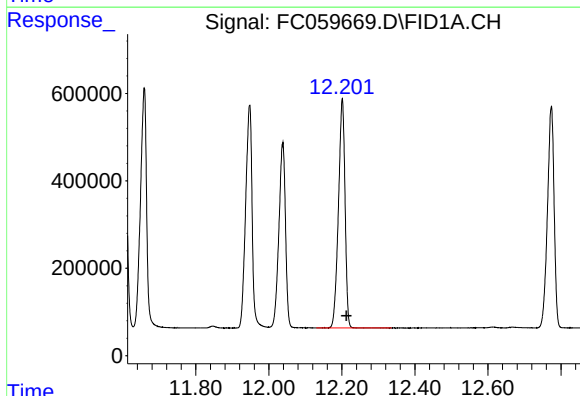
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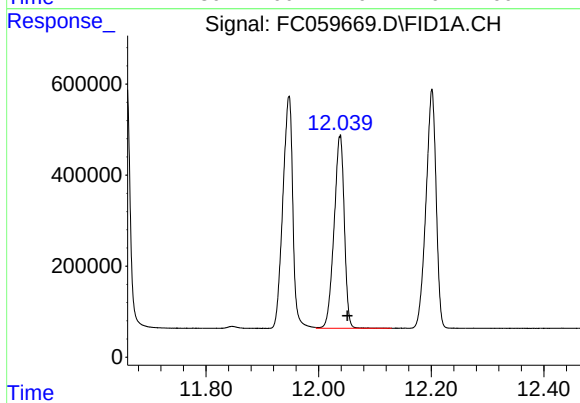
#10 n-Eicosane (C20)

R.T.: 11.603 min
Delta R.T.: -0.012 min
Response: 6676938
Conc: 49.64 ug/ml



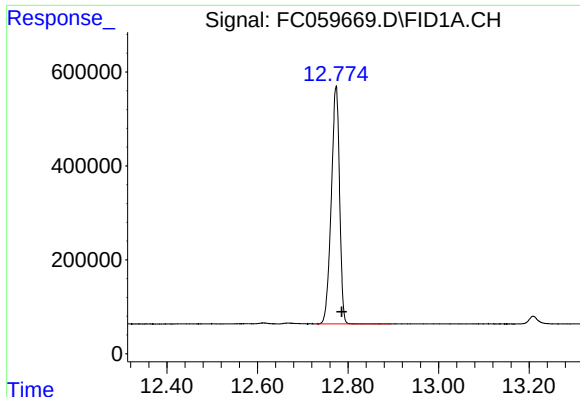
#11 n-Heneicosane (C21)

R.T.: 12.200 min
Delta R.T.: -0.012 min
Response: 6574243
Conc: 49.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.037 min
Delta R.T.: -0.014 min
Response: 5358533
Conc: 46.56 ug/ml



#13 n-Docosane (C22)

R.T.: 12.773 min
Delta R.T.: -0.014 min
Response: 6419402
Conc: 48.91 ug/ml

Instrument :

FID_C

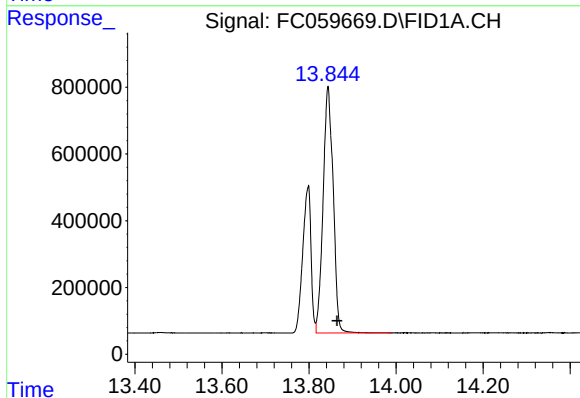
ClientSampleId :

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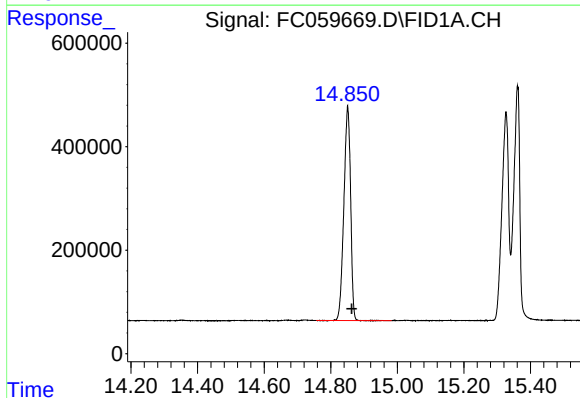
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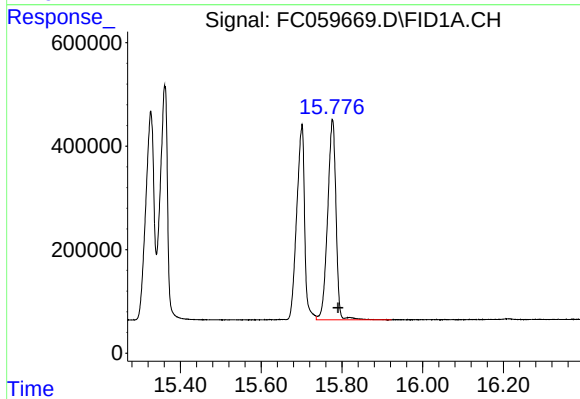
#14 n-Tetracosane (C24)

R.T.: 13.844 min
Delta R.T.: -0.021 min
Response: 11821355
Conc: 93.95 ug/ml



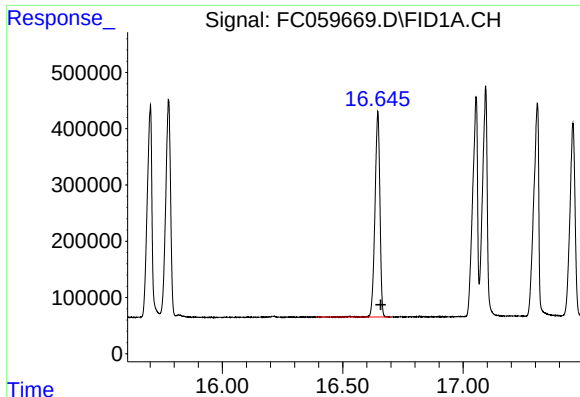
#15 n-Hexacosane (C26)

R.T.: 14.850 min
Delta R.T.: -0.013 min
Response: 5798376
Conc: 48.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.776 min
Delta R.T.: -0.015 min
Response: 5579990
Conc: 49.01 ug/ml



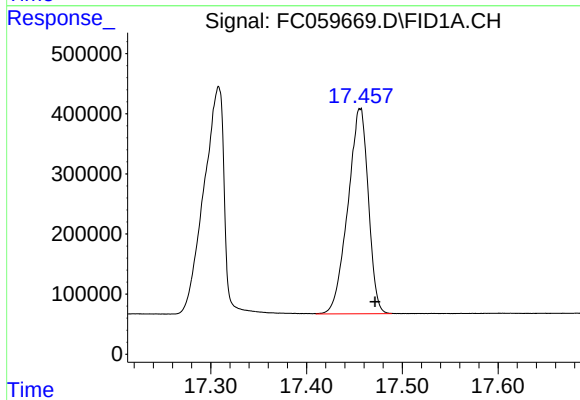
#17 n-Tricontane (C30)

R.T.: 16.645 min
Delta R.T.: -0.013 min
Response: 5208413
Conc: 47.38 ug/ml

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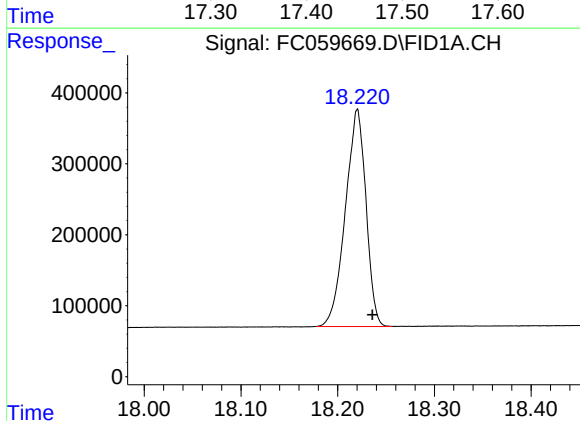
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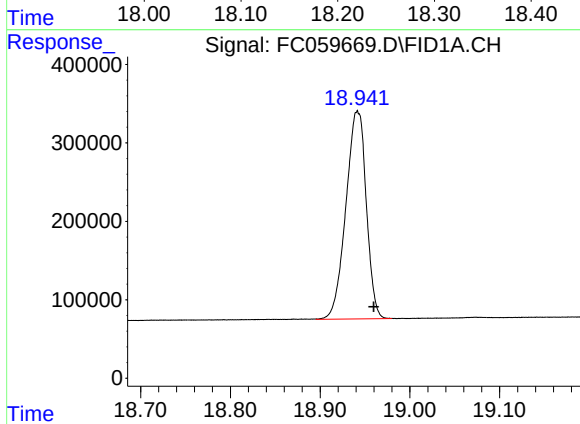
#18 n-Dotriacontane (C32)

R.T.: 17.457 min
Delta R.T.: -0.015 min
Response: 5087100
Conc: 49.21 ug/ml m



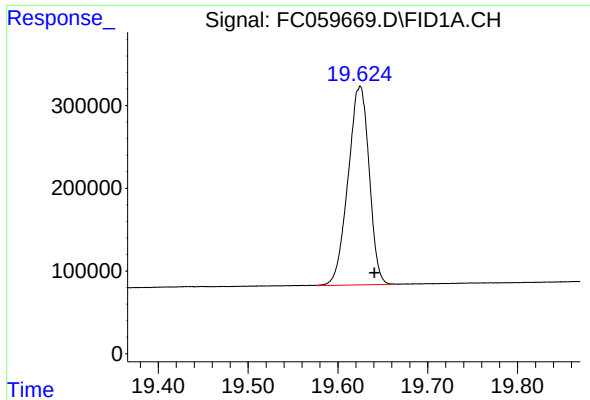
#19 n-Tetratriacontane (C34)

R.T.: 18.220 min
Delta R.T.: -0.015 min
Response: 4534687
Conc: 46.45 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.941 min
Delta R.T.: -0.018 min
Response: 4185214
Conc: 45.08 ug/ml m



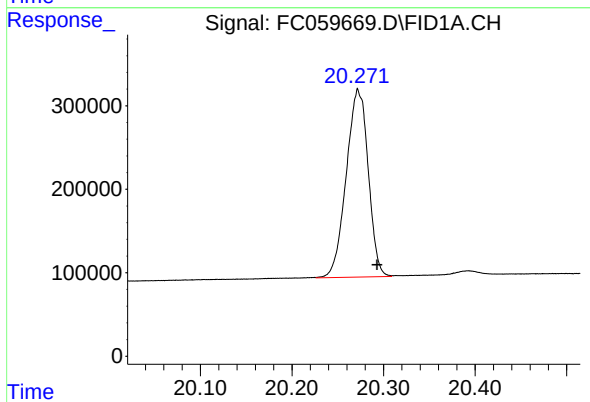
#21 n-Octatriacontane (C38)

R.T.: 19.624 min
Delta R.T.: -0.016 min
Response: 3913762
Conc: 41.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.271 min
Delta R.T.: -0.022 min
Response: 3747211
Conc: 39.58 ug/ml m