

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051022AL\
 Data File : FC059668.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2022 18:47
 Operator : UA/NP
 Sample : PB144709BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144709BS

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 01:38:53 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	6889768	46.918 ug/ml
Spiked Amount 50.000		Recovery =	93.84%
12) S 1-chlorooctadecane (S...	12.037	5546251	48.195 ug/ml
Spiked Amount 50.000		Recovery =	96.39%
Target Compounds			
1) T n-Nonane (C9)	2.652	5588519	43.762 ug/ml
2) T n-Decane (C10)	3.647	6181602	48.810 ug/ml
3) T A~Naphthalene (C11.7)	5.179	7545558	51.245 ug/ml
4) T n-Dodecane (C12)	5.596	6614058	50.294 ug/ml
5) T A~2-methylnaphthalene...	6.204	7490486	49.831 ug/ml
6) T n-Tetradecane (C14)	7.351	6746839	50.140 ug/ml
7) T n-Hexadecane (C16)	8.913	6931781	50.518 ug/ml
8) T n-Octadecane (C18)	10.324	7262752	52.702 ug/ml
10) T n-Eicosane (C20)	11.603	6914788	51.412 ug/ml
11) T n-Heneicosane (C21)	12.200	6801926	50.988 ug/ml
13) T n-Docosane (C22)	12.774	6635194	50.557 ug/ml
14) T n-Tetracosane (C24)	13.845	12269296	97.513 ug/ml
15) T n-Hexacosane (C26)	14.851	6007601	50.302 ug/ml
16) T n-Octacosane (C28)	15.776	5739462	50.414 ug/ml
17) T n-Tricontane (C30)	16.647	5371041	48.861 ug/ml
18) T n-Dotriacontane (C32)	17.456	5247796	50.761 ug/mlm
19) T n-Tetratriacontane (C34)	18.219	4677500	47.910 ug/mlm
20) T n-Hexatriacontane (C36)	18.943	4260822	45.897 ug/mlm
21) T n-Octatriacontane (C38)	19.624	3919033	41.169 ug/mlm
22) T n-Tetracontane (C40)	20.270	3685407	38.931 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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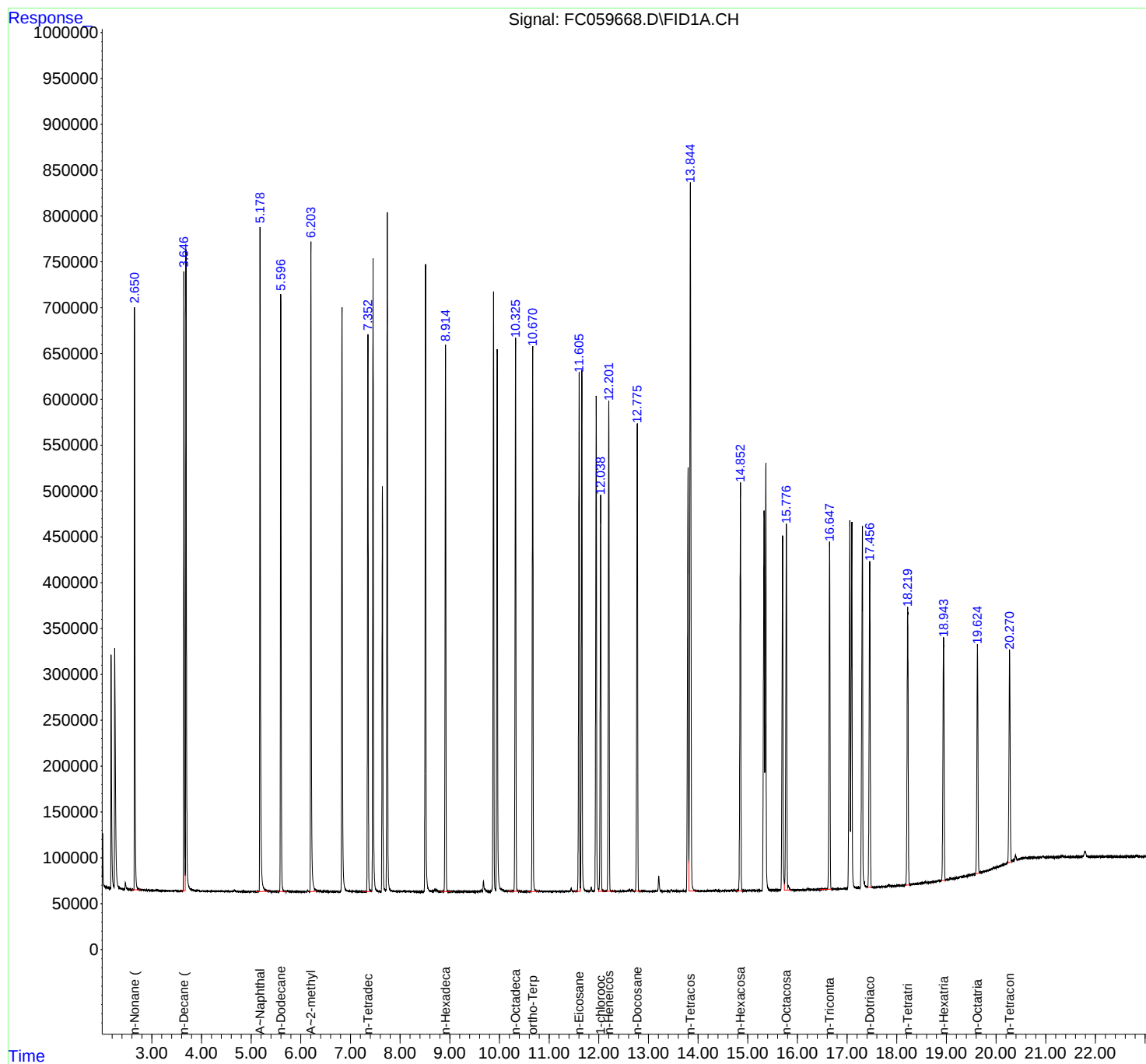
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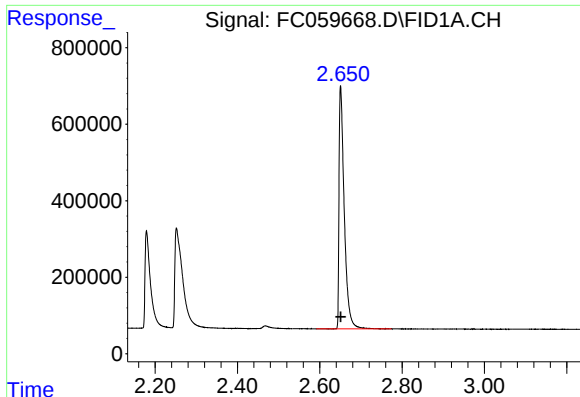
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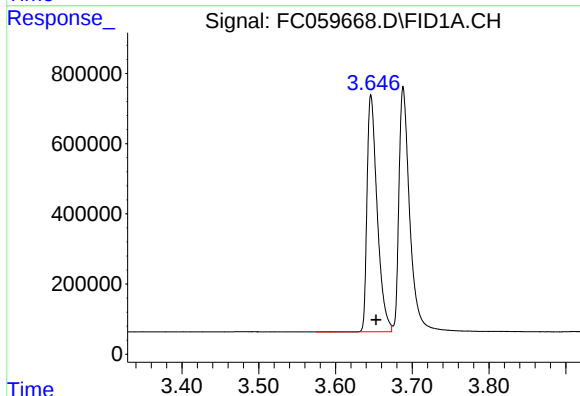
#1 n-Nonane (C9)

R.T.: 2.652 min
Delta R.T.: 0.001 min
Response: 5588519
Conc: 43.76 ug/ml

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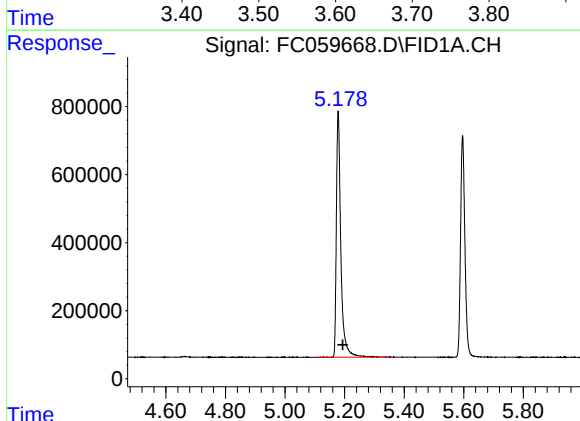
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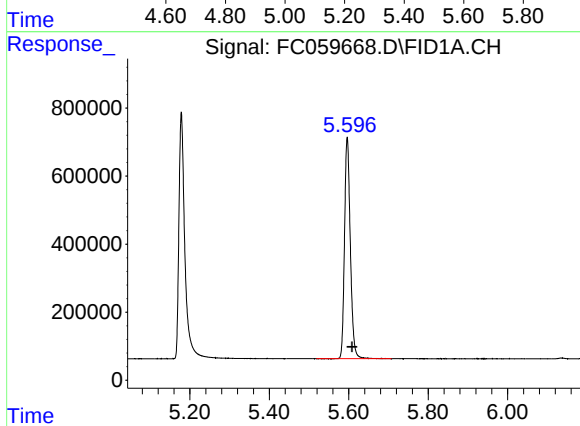
#2 n-Decane (C10)

R.T.: 3.647 min
Delta R.T.: -0.006 min
Response: 6181602
Conc: 48.81 ug/ml



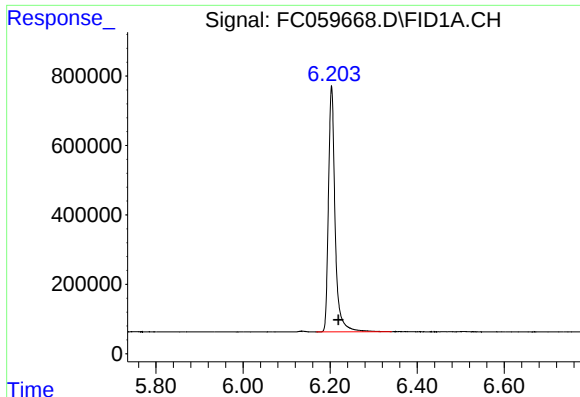
#3 A~Naphthalene (C11.7)

R.T.: 5.179 min
Delta R.T.: -0.016 min
Response: 7545558
Conc: 51.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.596 min
Delta R.T.: -0.012 min
Response: 6614058
Conc: 50.29 ug/ml



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

R.T.: 6.204 min
Delta R.T.: -0.015 min
Response: 7490486
Conc: 49.83 ug/ml

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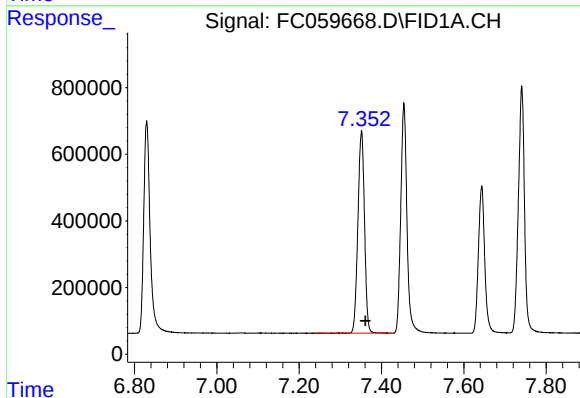
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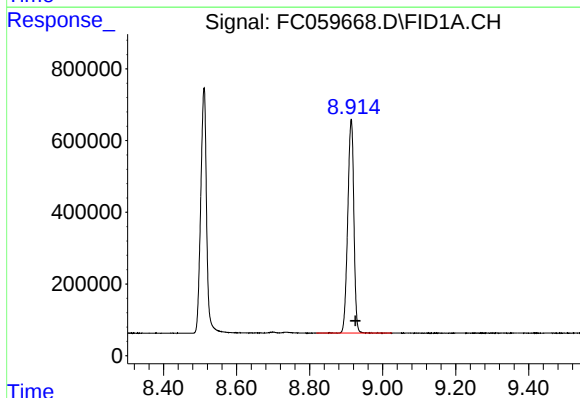
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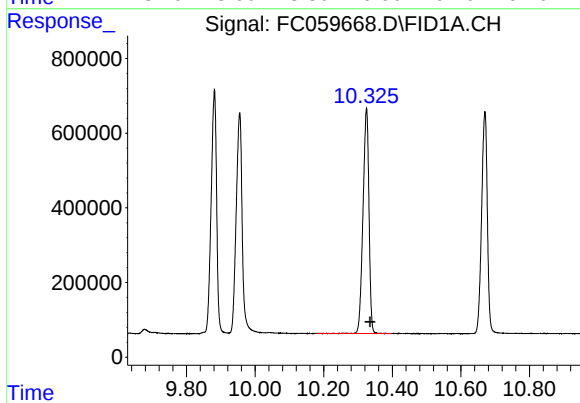
#6 n-Tetradecane (C14)

R.T.: 7.351 min
Delta R.T.: -0.010 min
Response: 6746839
Conc: 50.14 ug/ml



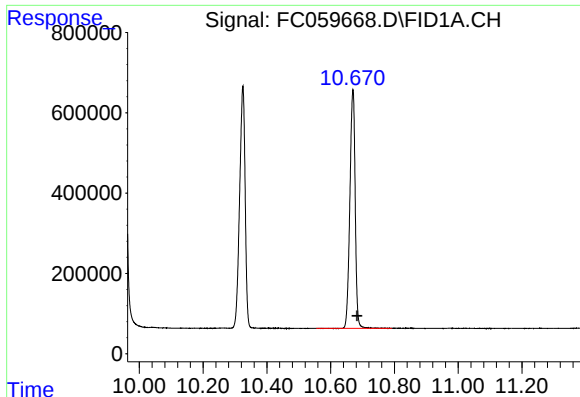
#7 n-Hexadecane (C16)

R.T.: 8.913 min
Delta R.T.: -0.012 min
Response: 6931781
Conc: 50.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.324 min
Delta R.T.: -0.011 min
Response: 7262752
Conc: 52.70 ug/ml



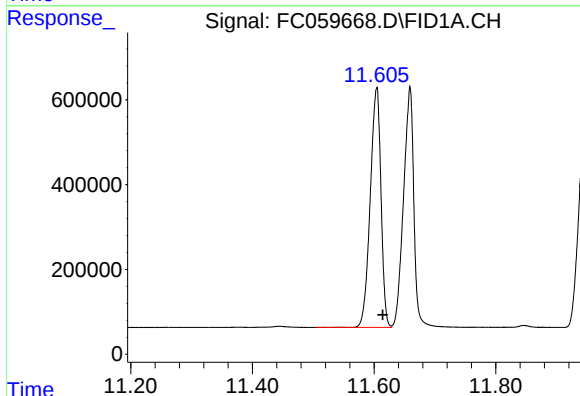
#9 ortho-Terphenyl (SURR)

R.T.: 10.669 min
Delta R.T.: -0.014 min
Response: 6889768
Conc: 46.92 ug/ml

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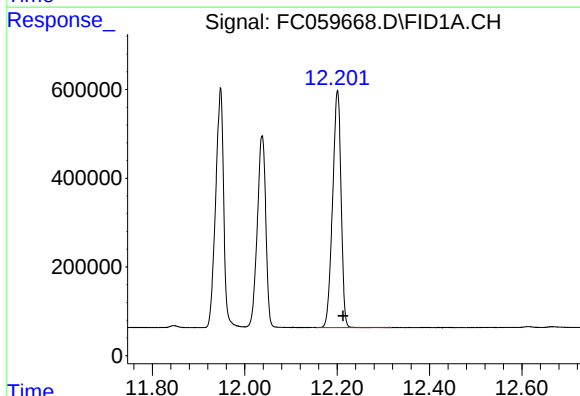
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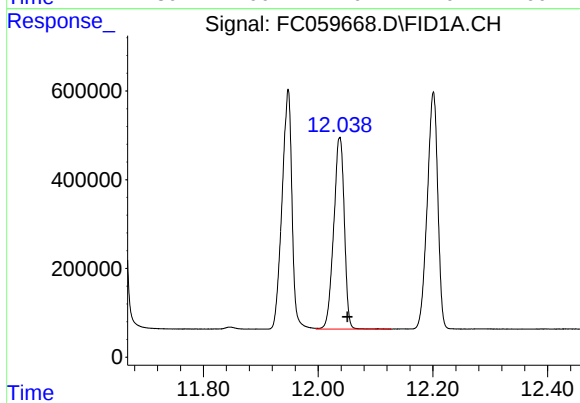
#10 n-Eicosane (C20)

R.T.: 11.603 min
Delta R.T.: -0.011 min
Response: 6914788
Conc: 51.41 ug/ml



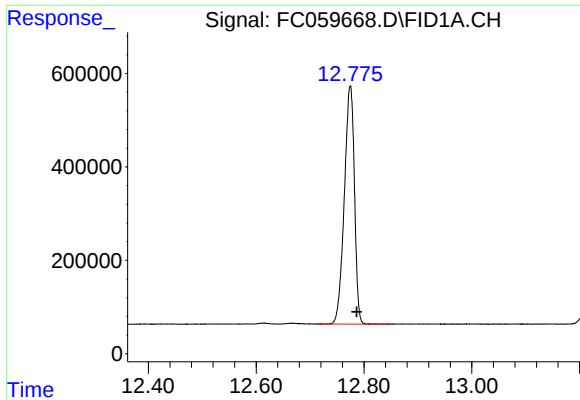
#11 n-Heneicosane (C21)

R.T.: 12.200 min
Delta R.T.: -0.013 min
Response: 6801926
Conc: 50.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.037 min
Delta R.T.: -0.014 min
Response: 5546251
Conc: 48.19 ug/ml



#13 n-Docosane (C22)

R.T.: 12.774 min
Delta R.T.: -0.013 min
Response: 6635194
Conc: 50.56 ug/ml

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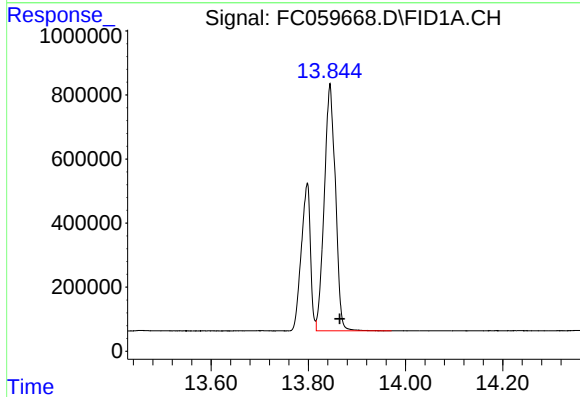
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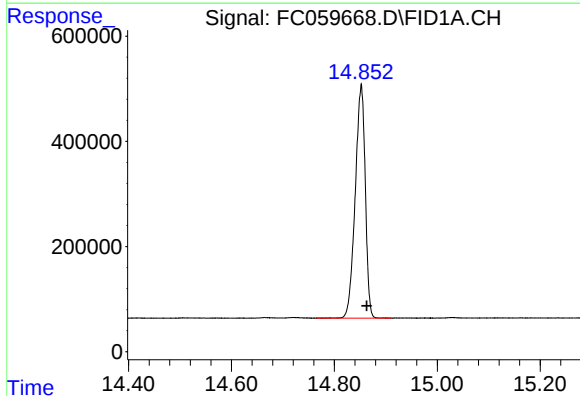
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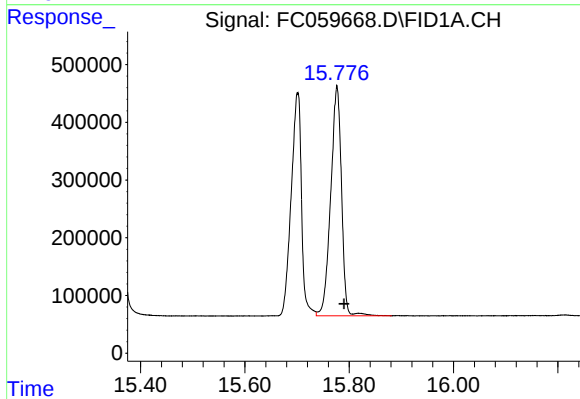
#14 n-Tetracosane (C24)

R.T.: 13.845 min
Delta R.T.: -0.020 min
Response: 12269296
Conc: 97.51 ug/ml



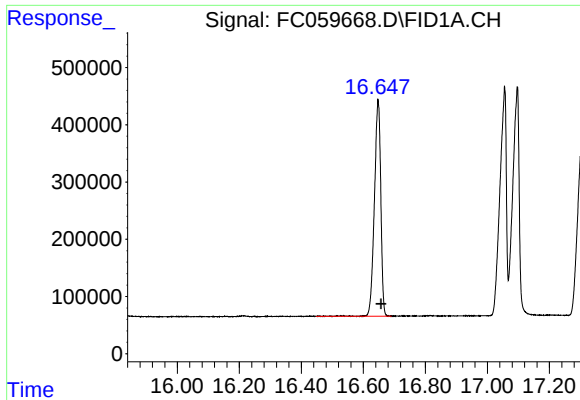
#15 n-Hexacosane (C26)

R.T.: 14.851 min
Delta R.T.: -0.012 min
Response: 6007601
Conc: 50.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.776 min
Delta R.T.: -0.014 min
Response: 5739462
Conc: 50.41 ug/ml



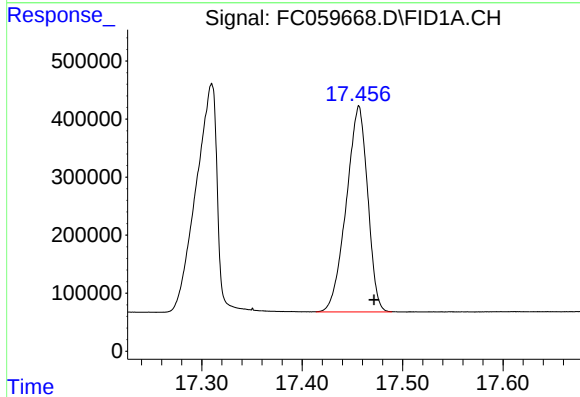
#17 n-Tricontane (C30)

R.T.: 16.647 min
Delta R.T.: -0.010 min
Response: 5371041
Conc: 48.86 ug/ml

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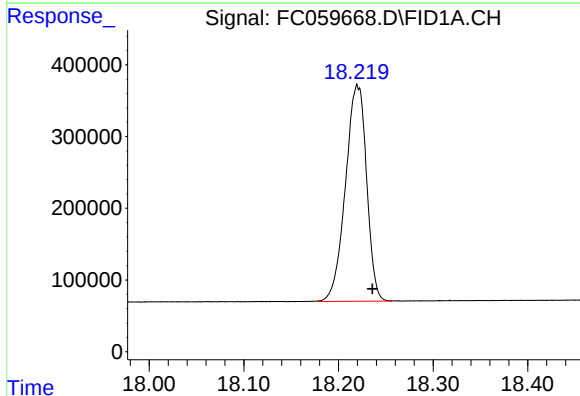
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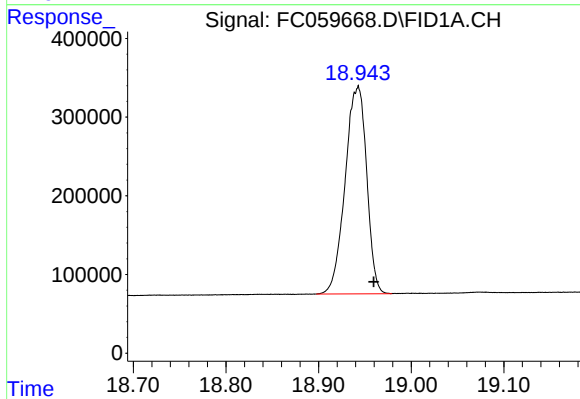
#18 n-Dotriacontane (C32)

R.T.: 17.456 min
Delta R.T.: -0.016 min
Response: 5247796
Conc: 50.76 ug/ml m



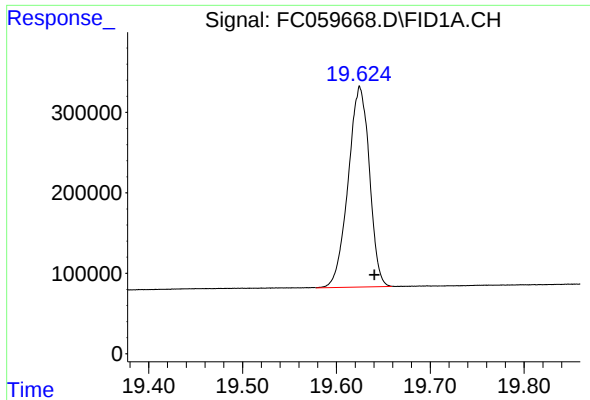
#19 n-Tetratriacontane (C34)

R.T.: 18.219 min
Delta R.T.: -0.016 min
Response: 4677500
Conc: 47.91 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.943 min
Delta R.T.: -0.017 min
Response: 4260822
Conc: 45.90 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.624 min
Delta R.T.: -0.016 min
Response: 3919033
Conc: 41.17 ug/ml

Instrument :

FID_C

ClientSampleId :

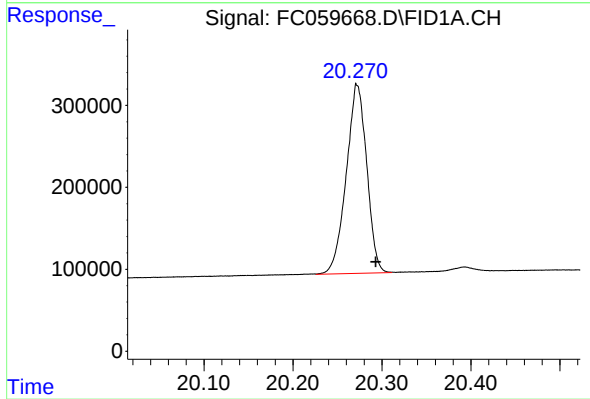
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#22 n-Tetracontane (C40)

R.T.: 20.270 min
Delta R.T.: -0.023 min
Response: 3685407
Conc: 38.93 ug/ml m