

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051022AL\
 Data File : FC059684.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2022 5:39
 Operator : UA/NP
 Sample : N2758-07MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5MSD

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 07:16:19 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)	10.668	6324104	43.066 ug/mlm
Spiked Amount 50.000		Recovery =	86.13%
12) S 1-chlorooctadecane (S...	12.036	4876145	42.372 ug/ml
Spiked Amount 50.000		Recovery =	84.74%
Target Compounds			
1) T n-Nonane (C9)	2.669	7426870	58.158 ug/ml
2) T n-Decane (C10)	3.653	7838765	61.895 ug/ml
3) T A~Naphthalene (C11.7)	5.180	8975587	60.957 ug/ml
4) T n-Dodecane (C12)	5.595	7988710	60.747 ug/ml
5) T A~2-methylnaphthalene...	6.202	8713410	57.966 ug/ml
6) T n-Tetradecane (C14)	7.349	8285661	61.577 ug/ml
7) T n-Hexadecane (C16)	8.912	8521340	62.102 ug/ml
8) T n-Octadecane (C18)	10.324	8236505	59.768 ug/mlm
10) T n-Eicosane (C20)	11.604	7914367	58.844 ug/ml
11) T n-Heneicosane (C21)	12.201	7628613	57.185 ug/ml
13) T n-Docosane (C22)	12.774	7354925	56.041 ug/ml
14) T n-Tetracosane (C24)	13.847	14774327	117.423 ug/ml
15) T n-Hexacosane (C26)	14.854	6623812	55.462 ug/mlm
16) T n-Octacosane (C28)	15.777	6415413	56.352 ug/ml
17) T n-Tricontane (C30)	16.650	5745157	52.265 ug/mlm
18) T n-Dotriacontane (C32)	17.459	5854902	56.633 ug/ml
19) T n-Tetratriacontane (C34)	18.225	5258441	53.860 ug/mlm
20) T n-Hexatriacontane (C36)	18.946	4922392	53.024 ug/mlm
21) T n-Octatriacontane (C38)	19.630	5015973	52.692 ug/mlm
22) T n-Tetracontane (C40)	20.279	4810863	50.820 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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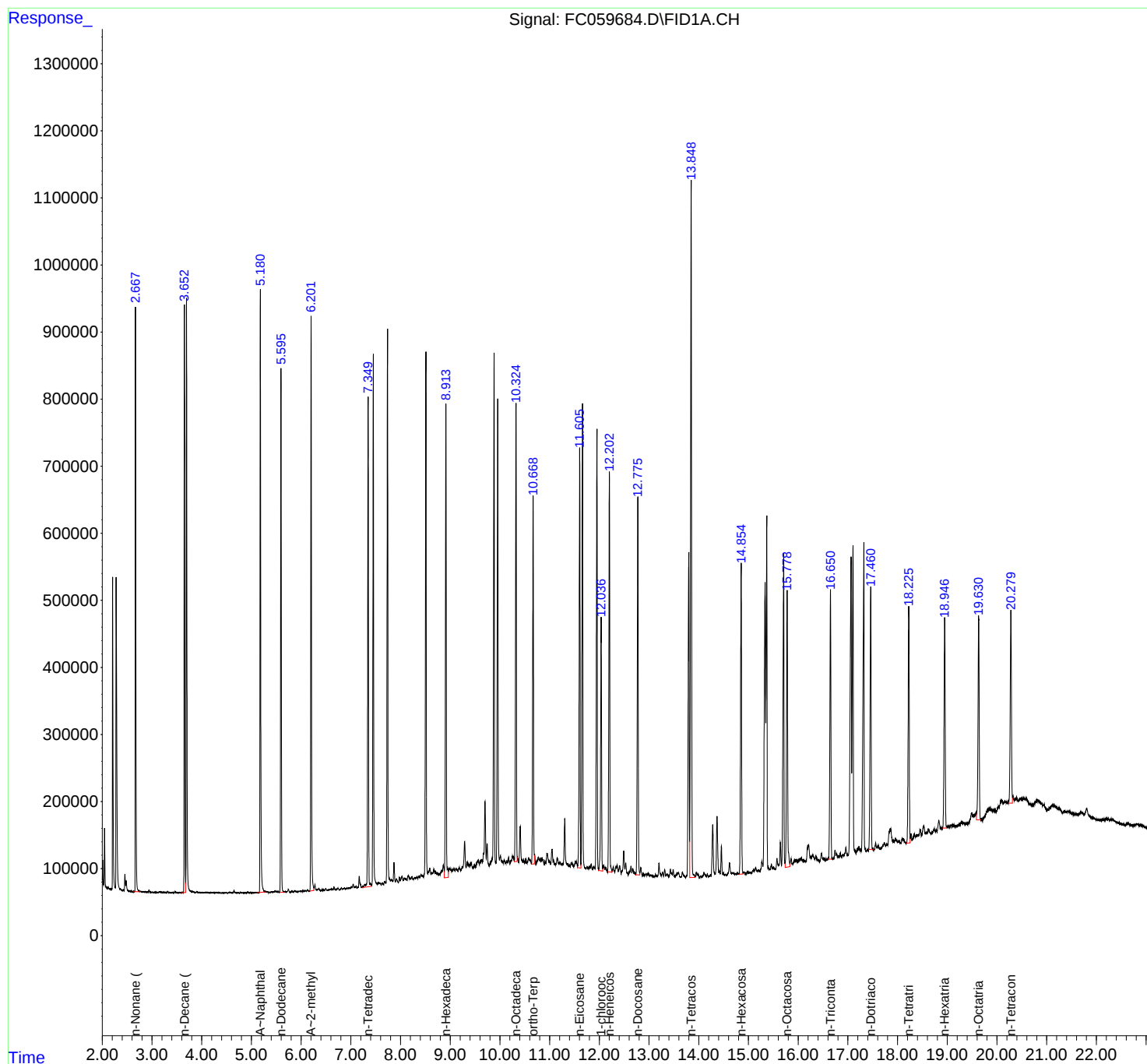
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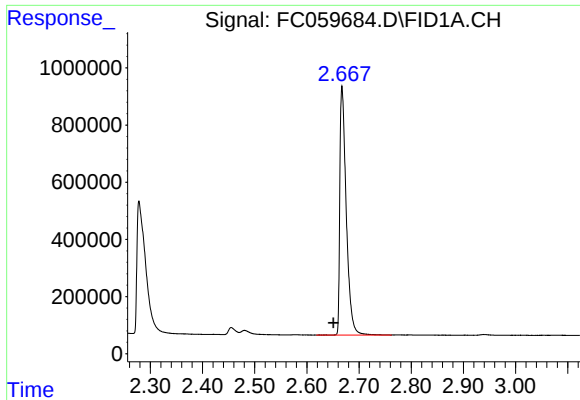
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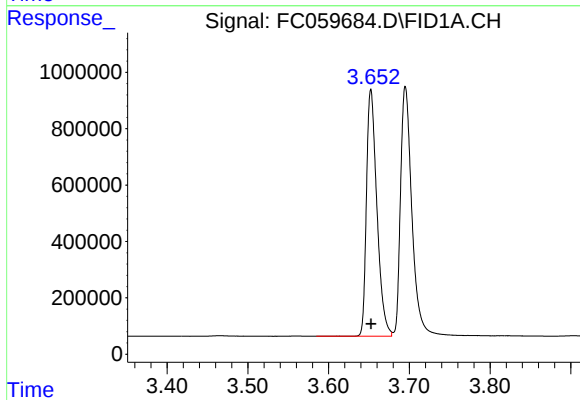
#1 n-Nonane (C9)

R.T.: 2.669 min
Delta R.T.: 0.018 min
Response: 7426870
Conc: 58.16 ug/ml

Instrument :
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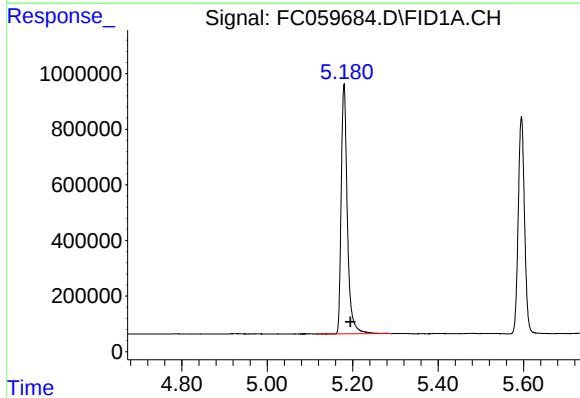
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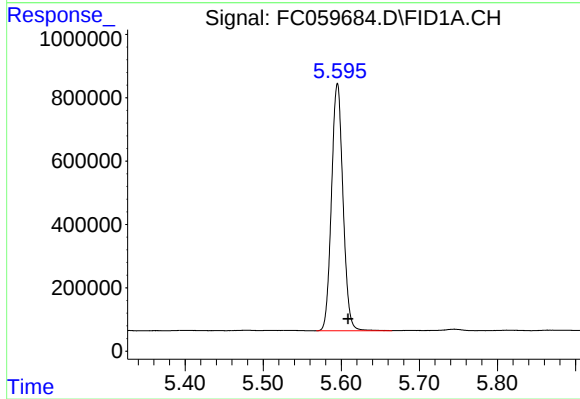
#2 n-Decane (C10)

R.T.: 3.653 min
Delta R.T.: 0.000 min
Response: 7838765
Conc: 61.89 ug/ml



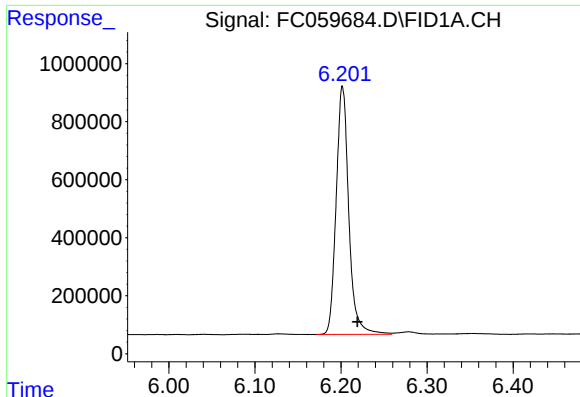
#3 A~Naphthalene (C11.7)

R.T.: 5.180 min
Delta R.T.: -0.015 min
Response: 8975587
Conc: 60.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.595 min
Delta R.T.: -0.013 min
Response: 7988710
Conc: 60.75 ug/ml



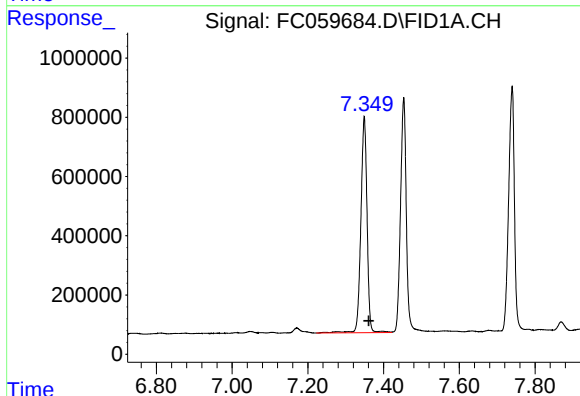
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.202 min
Delta R.T.: -0.017 min
Response: 8713410
Conc: 57.97 ug/ml

Instrument :
FID_C
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5MSD

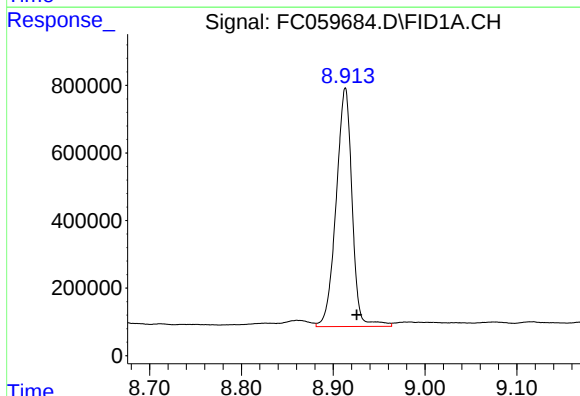
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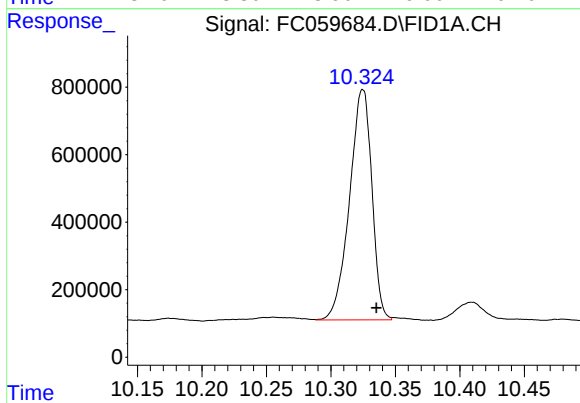
#6 n-Tetradecane (C14)

R.T.: 7.349 min
Delta R.T.: -0.012 min
Response: 8285661
Conc: 61.58 ug/ml



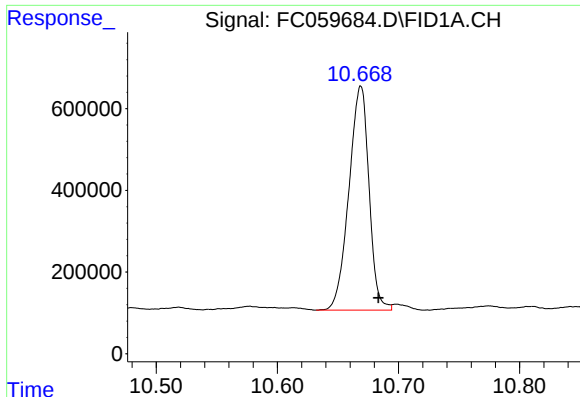
#7 n-Hexadecane (C16)

R.T.: 8.912 min
Delta R.T.: -0.013 min
Response: 8521340
Conc: 62.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.324 min
Delta R.T.: -0.011 min
Response: 8236505
Conc: 59.77 ug/ml m



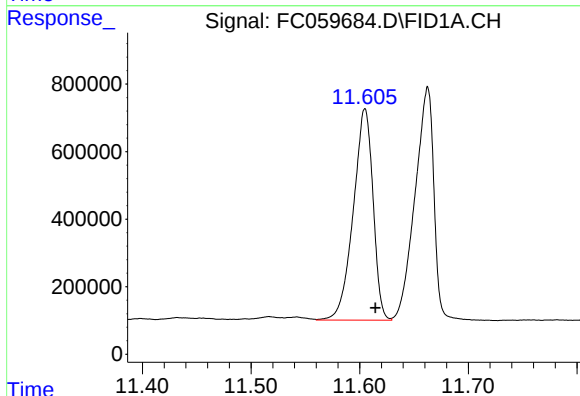
#9 ortho-Terphenyl (SURR)

R.T.: 10.668 min
Delta R.T.: -0.015 min
Response: 6324104
Conc: 43.07 ug/ml

Instrument :
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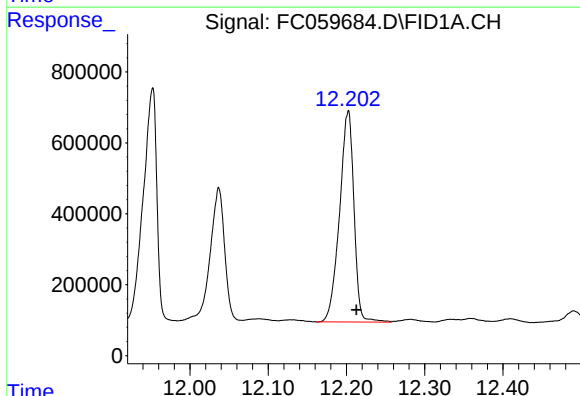
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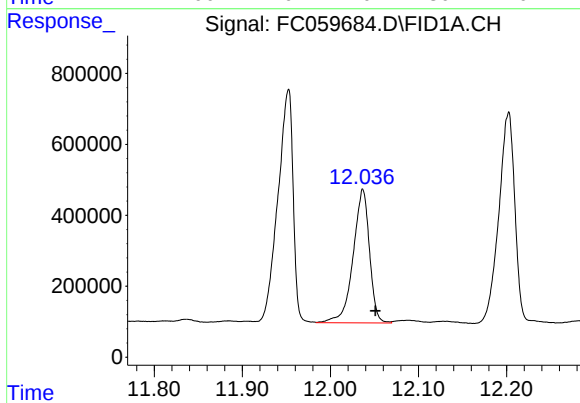
#10 n-Eicosane (C20)

R.T.: 11.604 min
Delta R.T.: -0.010 min
Response: 7914367
Conc: 58.84 ug/ml



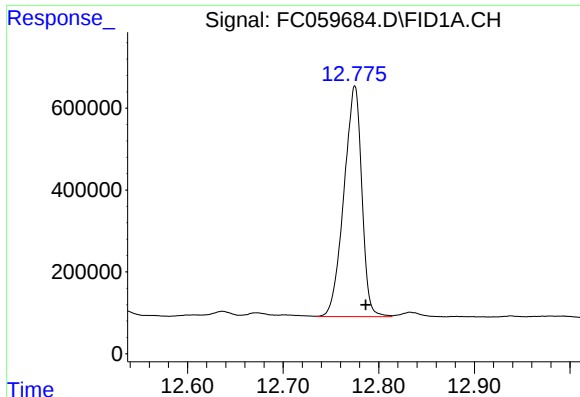
#11 n-Heneicosane (C21)

R.T.: 12.201 min
Delta R.T.: -0.012 min
Response: 7628613
Conc: 57.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.036 min
Delta R.T.: -0.015 min
Response: 4876145
Conc: 42.37 ug/ml



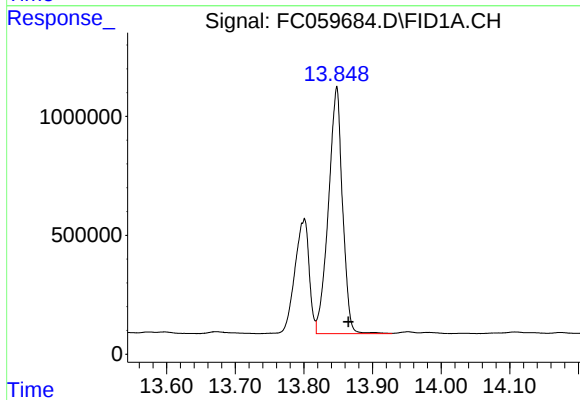
#13 n-Docosane (C22)

R.T.: 12.774 min
Delta R.T.: -0.013 min
Response: 7354925
Conc: 56.04 ug/ml

Instrument :
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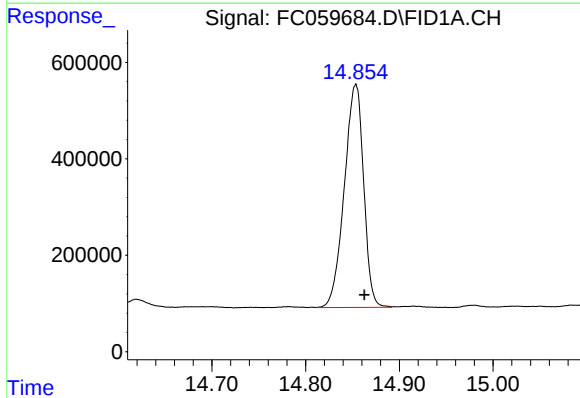
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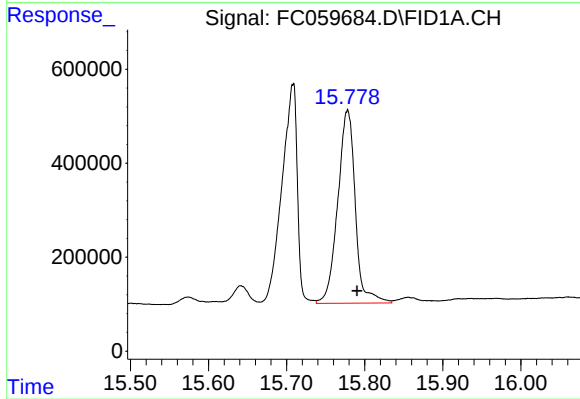
#14 n-Tetracosane (C24)

R.T.: 13.847 min
Delta R.T.: -0.018 min
Response: 14774327
Conc: 117.42 ug/ml



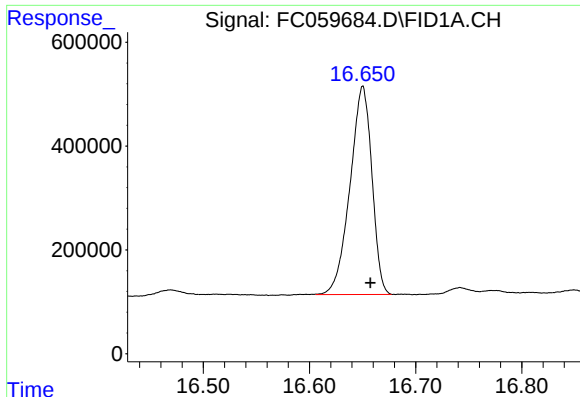
#15 n-Hexacosane (C26)

R.T.: 14.854 min
Delta R.T.: -0.009 min
Response: 6623812
Conc: 55.46 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.777 min
Delta R.T.: -0.013 min
Response: 6415413
Conc: 56.35 ug/ml



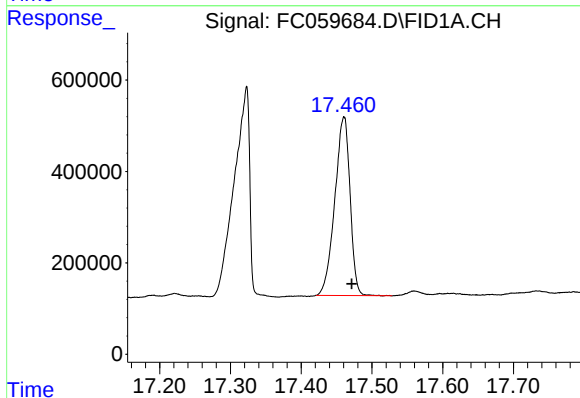
#17 n-Tricontane (C30)

R.T.: 16.650 min
Delta R.T.: -0.007 min
Response: 5745157
Conc: 52.26 ug/ml

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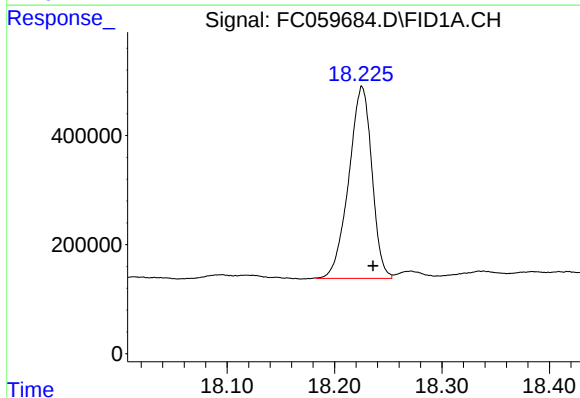
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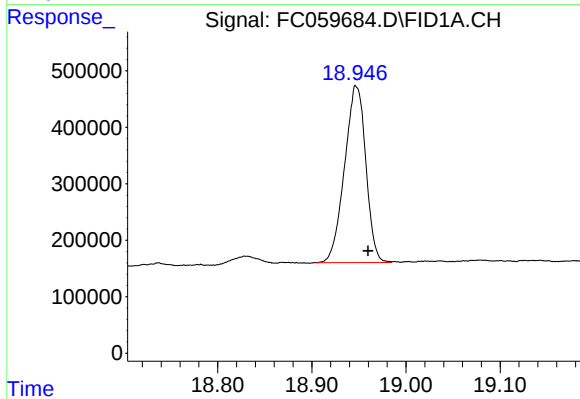
#18 n-Dotriacontane (C32)

R.T.: 17.459 min
Delta R.T.: -0.012 min
Response: 5854902
Conc: 56.63 ug/ml



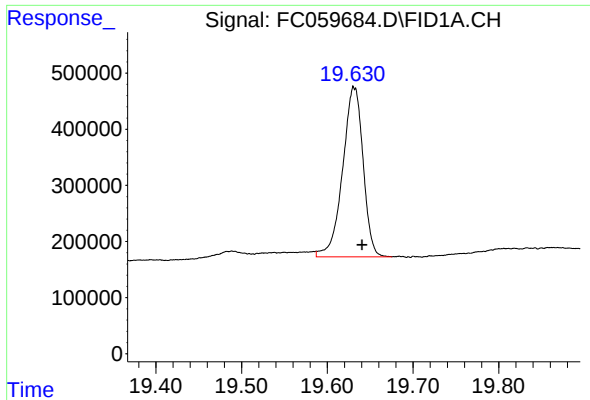
#19 n-Tetratriacontane (C34)

R.T.: 18.225 min
Delta R.T.: -0.011 min
Response: 5258441
Conc: 53.86 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.946 min
Delta R.T.: -0.014 min
Response: 4922392
Conc: 53.02 ug/ml m



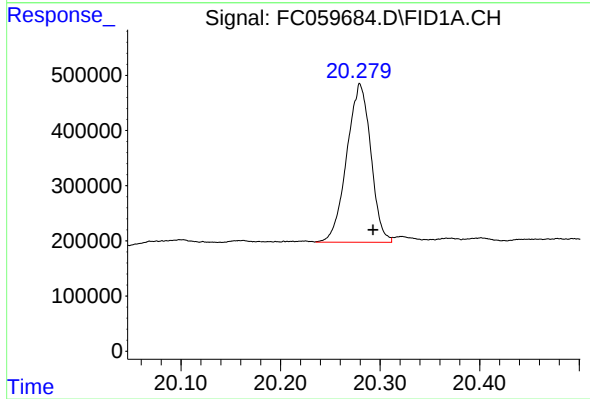
#21 n-Octatriacontane (C38)

R.T.: 19.630 min
Delta R.T.: -0.011 min
Response: 5015973
Conc: 52.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.279 min
Delta R.T.: -0.014 min
Response: 4810863
Conc: 50.82 ug/ml m