

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010622AL\
 Data File : FC057752.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 15:24
 Operator : AJ\MA
 Sample : PB141864BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141864BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2022
 Supervised By :Ankita Jodhani 01/07/2022

Integration File: autoint1.e
 Quant Time: Jan 07 00:58:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.713	9472569	48.988 ug/ml
Spiked Amount 50.000		Recovery =	97.98%
12) S 1-chlorooctadecane (S...	12.149	7310618	49.602 ug/ml
Spiked Amount 50.000		Recovery =	99.20%
Target Compounds			
1) T n-Nonane (C9)	2.649	6715289	41.994 ug/ml
2) T n-Decane (C10)	3.635	7131755	44.371 ug/ml
3) T A~Naphthalene (C11.7)	5.167	8572863	47.212 ug/ml
4) T n-Dodecane (C12)	5.601	7709177	47.801 ug/ml
5) T A~2-methylnaphthalene...	6.207	8737384	47.780 ug/ml
6) T n-Tetradecane (C14)	7.385	8569551	51.907 ug/ml
7) T n-Hexadecane (C16)	8.975	9349603	55.972 ug/ml
8) T n-Octadecane (C18)	10.410	9456920	54.954 ug/ml
10) T n-Eicosane (C20)	11.713	9766294	57.048 ug/ml
11) T n-Heneicosane (C21)	12.320	9059794	52.392 ug/ml
13) T n-Docosane (C22)	12.904	8923062	51.577 ug/ml
14) T n-Tetracosane (C24)	14.001	8679385	50.138 ug/ml
15) T n-Hexacosane (C26)	15.021	8242399	48.978 ug/ml
16) T n-Octacosane (C28)	15.965	7943800	48.543 ug/ml
17) T n-Tricontane (C30)	16.850	7661165	49.071 ug/ml
18) T n-Dotriacontane (C32)	17.679	7289026	52.279 ug/ml
19) T n-Tetratriacontane (C34)	18.460	6630937	53.351 ug/ml
20) T n-Hexatriacontane (C36)	19.197	5645199	50.776 ug/ml
21) T n-Octatriacontane (C38)	19.904	5272021	50.540 ug/ml
22) T n-Tetracontane (C40)	20.732	5374259	56.127 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 5 Sample Multiplier: 1

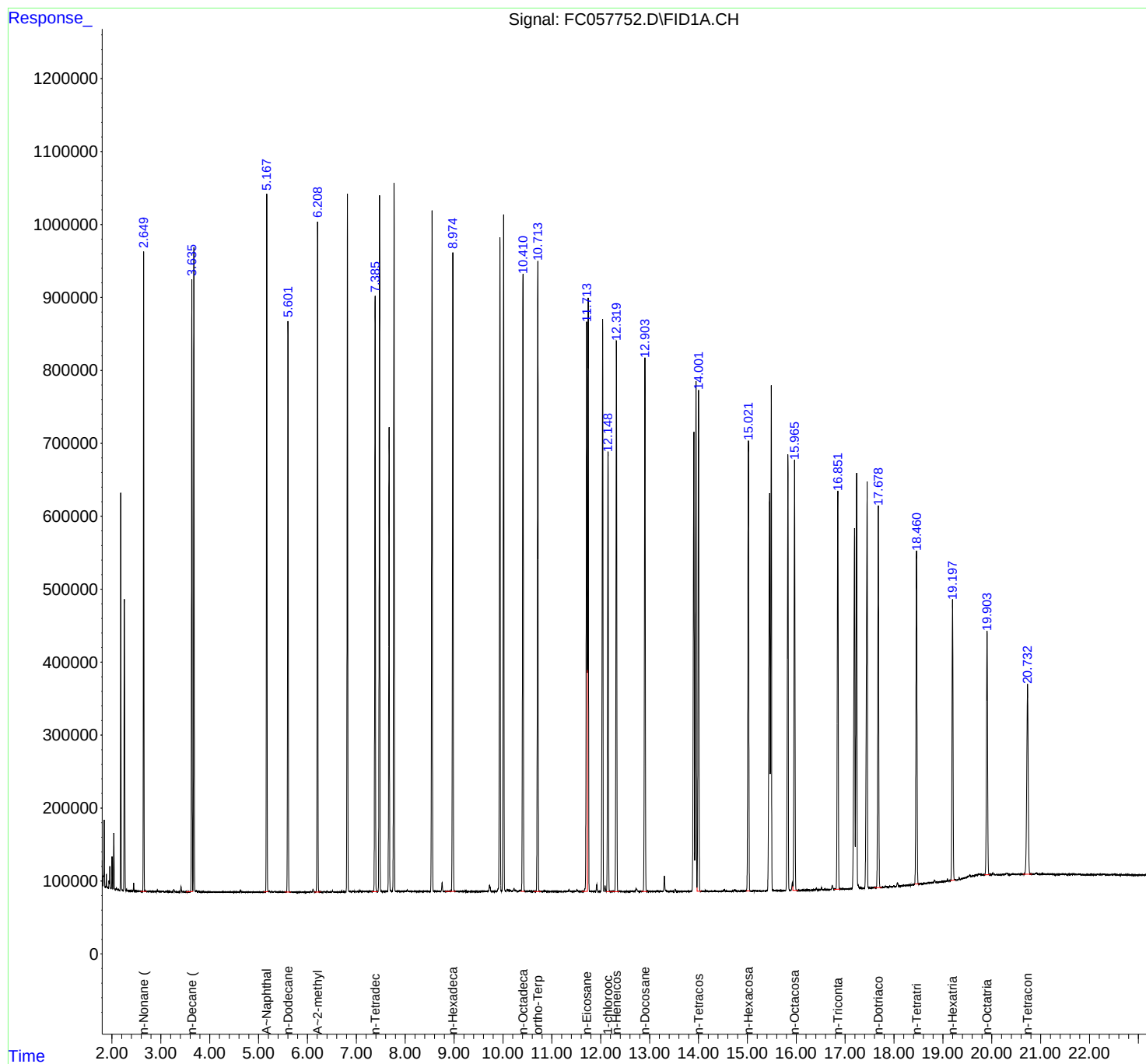
Instrument :
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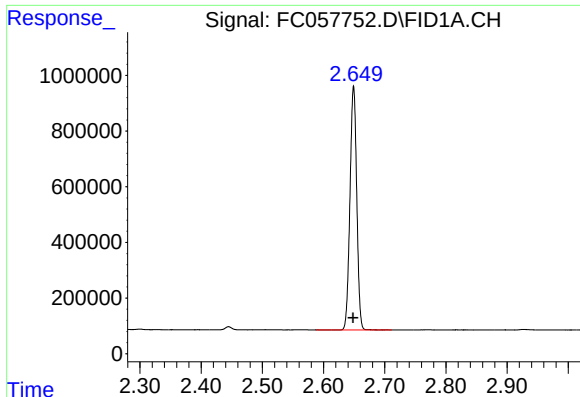
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#1 n-Nonane (C9)

R.T.: 2.649 min
Delta R.T.: 0.001 min
Response: 6715289
Conc: 41.99 ug/ml

Instrument :

FID_C

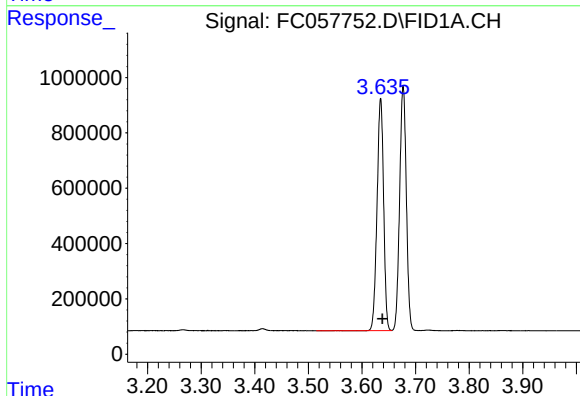
ClientSampleId :

PB141864BS

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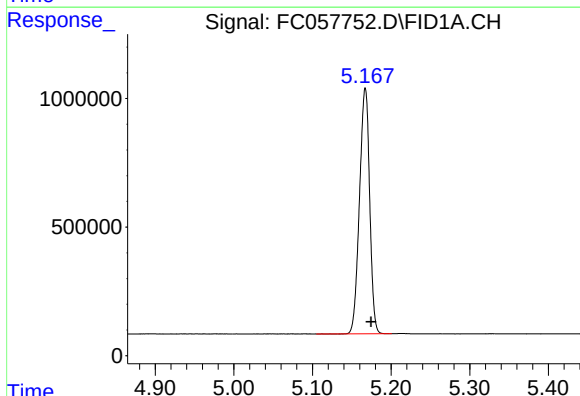
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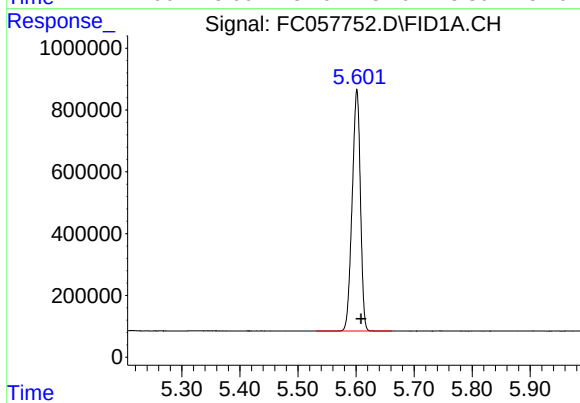
#2 n-Decane (C10)

R.T.: 3.635 min
Delta R.T.: -0.003 min
Response: 7131755
Conc: 44.37 ug/ml



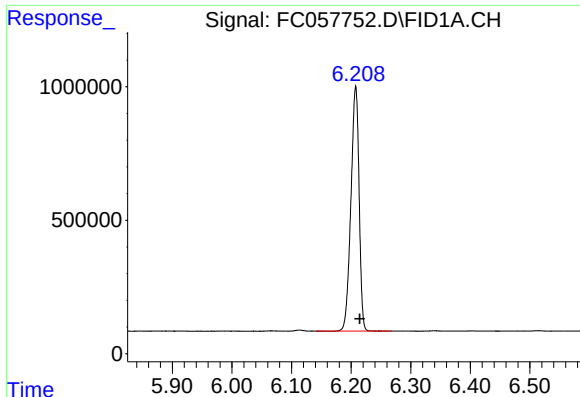
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: -0.008 min
Response: 8572863
Conc: 47.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.601 min
Delta R.T.: -0.007 min
Response: 7709177
Conc: 47.80 ug/ml



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

R.T.: 6.207 min
Delta R.T.: -0.007 min
Response: 8737384
Conc: 47.78 ug/ml

Instrument :

FID_C

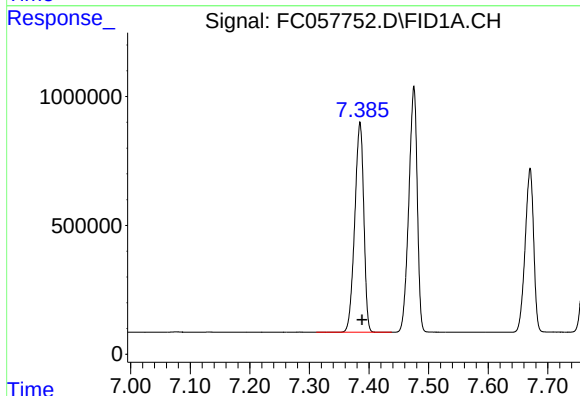
ClientSampleId :

PB141864BS

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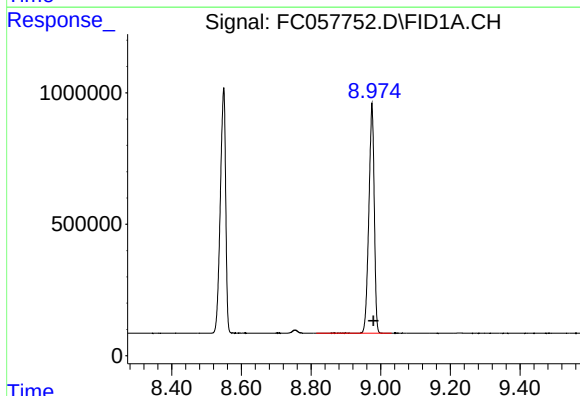
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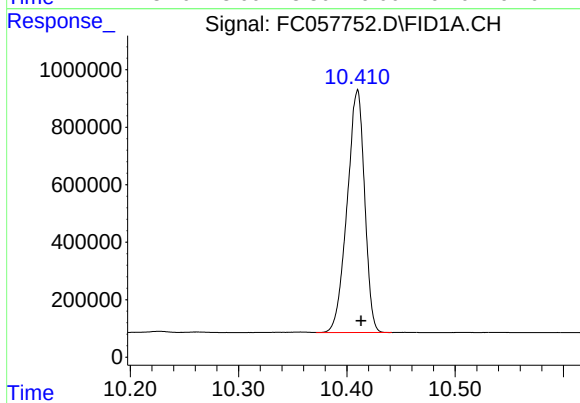
#6 n-Tetradecane (C14)

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 8569551
Conc: 51.91 ug/ml



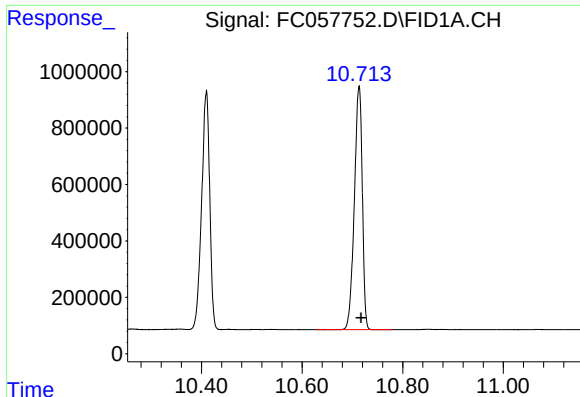
#7 n-Hexadecane (C16)

R.T.: 8.975 min
Delta R.T.: -0.004 min
Response: 9349603
Conc: 55.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.410 min
Delta R.T.: -0.004 min
Response: 9456920
Conc: 54.95 ug/ml



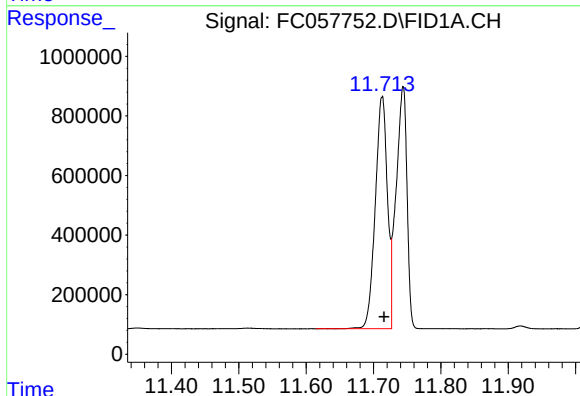
#9 ortho-Terphenyl (SURR)

R.T.: 10.713 min
Delta R.T.: -0.004 min
Response: 9472569
Conc: 48.99 ug/ml

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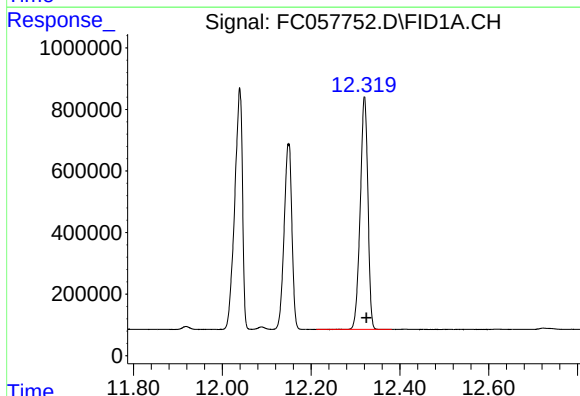
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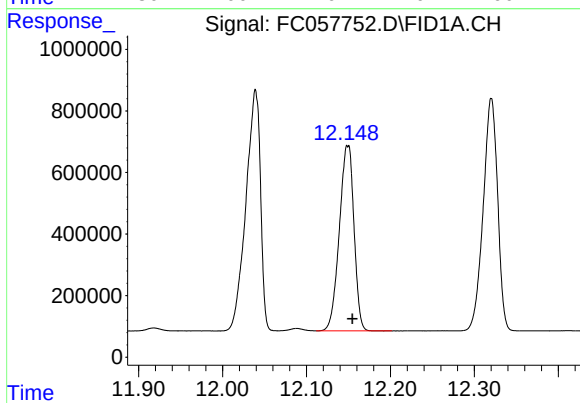
#10 n-Eicosane (C20)

R.T.: 11.713 min
Delta R.T.: -0.003 min
Response: 9766294
Conc: 57.05 ug/ml



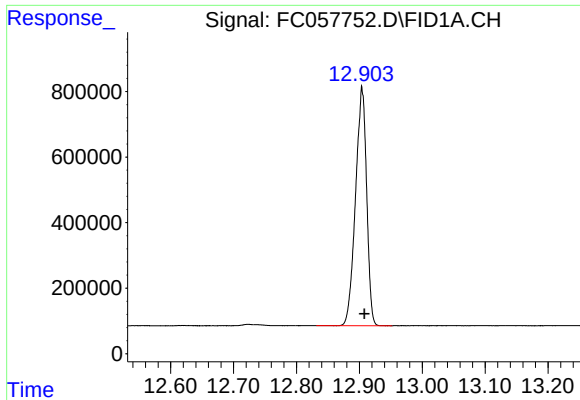
#11 n-Heneicosane (C21)

R.T.: 12.320 min
Delta R.T.: -0.004 min
Response: 9059794
Conc: 52.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.149 min
Delta R.T.: -0.006 min
Response: 7310618
Conc: 49.60 ug/ml



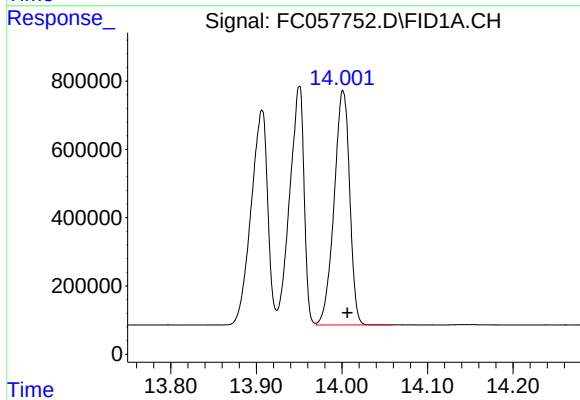
#13 n-Docosane (C22)

R.T.: 12.904 min
Delta R.T.: -0.004 min
Response: 8923062
Conc: 51.58 ug/ml

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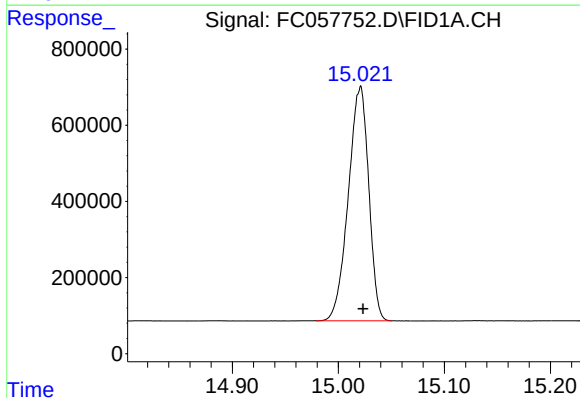
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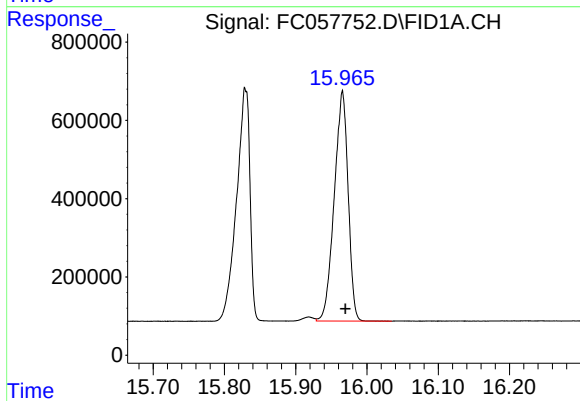
#14 n-Tetracosane (C24)

R.T.: 14.001 min
Delta R.T.: -0.005 min
Response: 8679385
Conc: 50.14 ug/ml



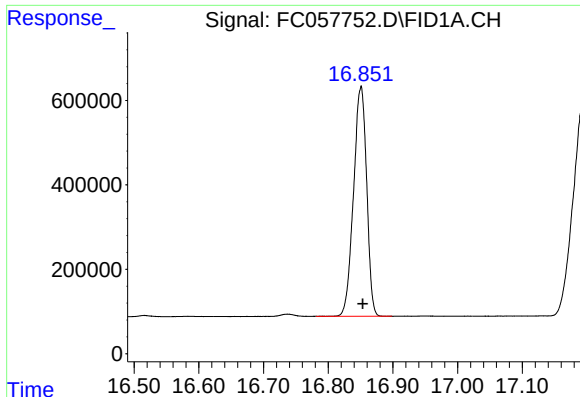
#15 n-Hexacosane (C26)

R.T.: 15.021 min
Delta R.T.: -0.002 min
Response: 8242399
Conc: 48.98 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.965 min
Delta R.T.: -0.004 min
Response: 7943800
Conc: 48.54 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.850 min
Delta R.T.: -0.003 min
Response: 7661165
Conc: 49.07 ug/ml

Instrument :

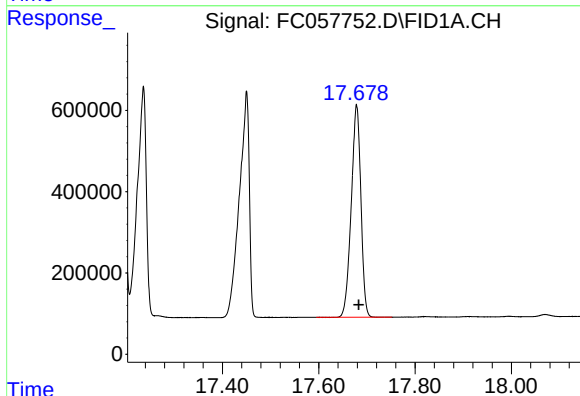
FID_C

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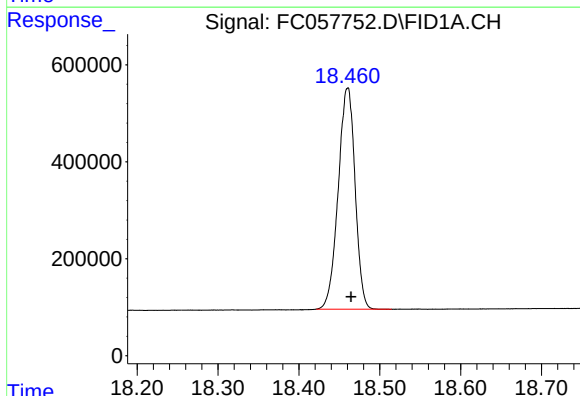
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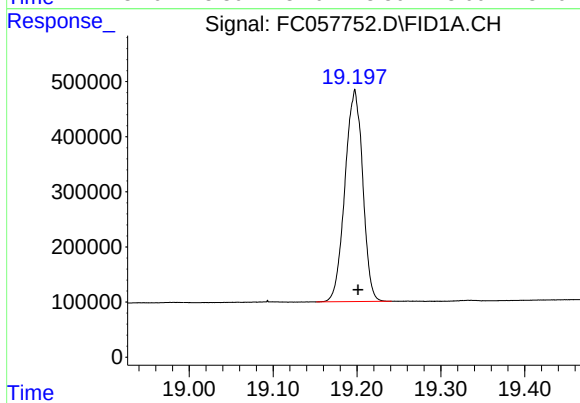
#18 n-Dotriacontane (C32)

R.T.: 17.679 min
Delta R.T.: -0.004 min
Response: 7289026
Conc: 52.28 ug/ml



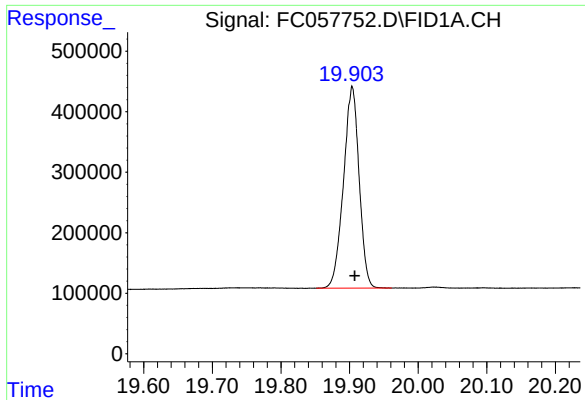
#19 n-Tetratriacontane (C34)

R.T.: 18.460 min
Delta R.T.: -0.004 min
Response: 6630937
Conc: 53.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.197 min
Delta R.T.: -0.004 min
Response: 5645199
Conc: 50.78 ug/ml



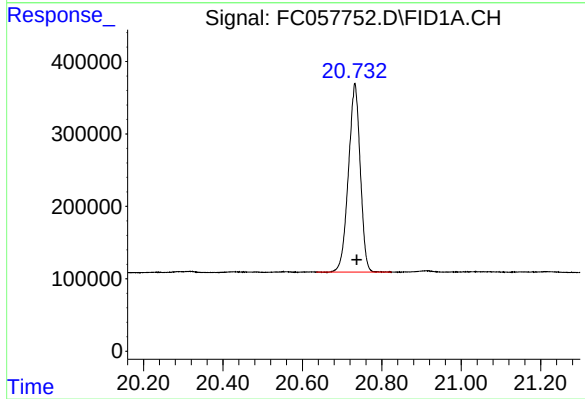
#21 n-Octatriacontane (C38)

R.T.: 19.904 min
Delta R.T.: -0.004 min
Response: 5272021
Conc: 50.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.732 min
Delta R.T.: -0.005 min
Response: 5374259
Conc: 56.13 ug/ml