

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011722AL\
 Data File : FC057942.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jan 2022 11:39
 Operator : AJ\MA
 Sample : PB141981BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141981BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/18/2022
 Supervised By :Ankita Jodhani 01/18/2022

Integration File: autoint1.e
 Quant Time: Jan 18 00:50:02 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)	10.716	9558383	49.432 ug/ml
Spiked Amount 50.000		Recovery =	98.86%
12) S 1-chlorooctadecane (S...	12.154	7394174	50.168 ug/ml
Spiked Amount 50.000		Recovery =	100.34%
Target Compounds			
1) T n-Nonane (C9)	2.647	7614920	47.620 ug/ml
2) T n-Decane (C10)	3.633	8245533	51.300 ug/ml
3) T A~Naphthalene (C11.7)	5.168	9769377	53.802 ug/ml
4) T n-Dodecane (C12)	5.600	8860090	54.937 ug/ml
5) T A~2-methylnaphthalene...	6.209	9700105	53.045 ug/ml
6) T n-Tetradecane (C14)	7.385	9007093	54.558 ug/ml
7) T n-Hexadecane (C16)	8.975	9184420	54.983 ug/ml
8) T n-Octadecane (C18)	10.412	9190305	53.405 ug/ml
10) T n-Eicosane (C20)	11.715	9025860	52.723 ug/ml
11) T n-Heneicosane (C21)	12.324	8681969	50.207 ug/ml
13) T n-Docosane (C22)	12.908	8537218	49.347 ug/ml
14) T n-Tetracosane (C24)	14.006	8231859	47.553 ug/ml
15) T n-Hexacosane (C26)	15.024	7842498	46.601 ug/ml
16) T n-Octacosane (C28)	15.968	7672490	46.885 ug/ml
17) T n-Tricontane (C30)	16.855	7281725	46.641 ug/ml
18) T n-Dotriacontane (C32)	17.684	6753340	48.437 ug/ml
19) T n-Tetratriacontane (C34)	18.465	5791392	46.596 ug/ml
20) T n-Hexatriacontane (C36)	19.203	4343892	39.071 ug/ml
21) T n-Octatriacontane (C38)	19.911	3357316	32.184 ug/ml
22) T n-Tetracontane (C40)	20.739	3052432	31.878 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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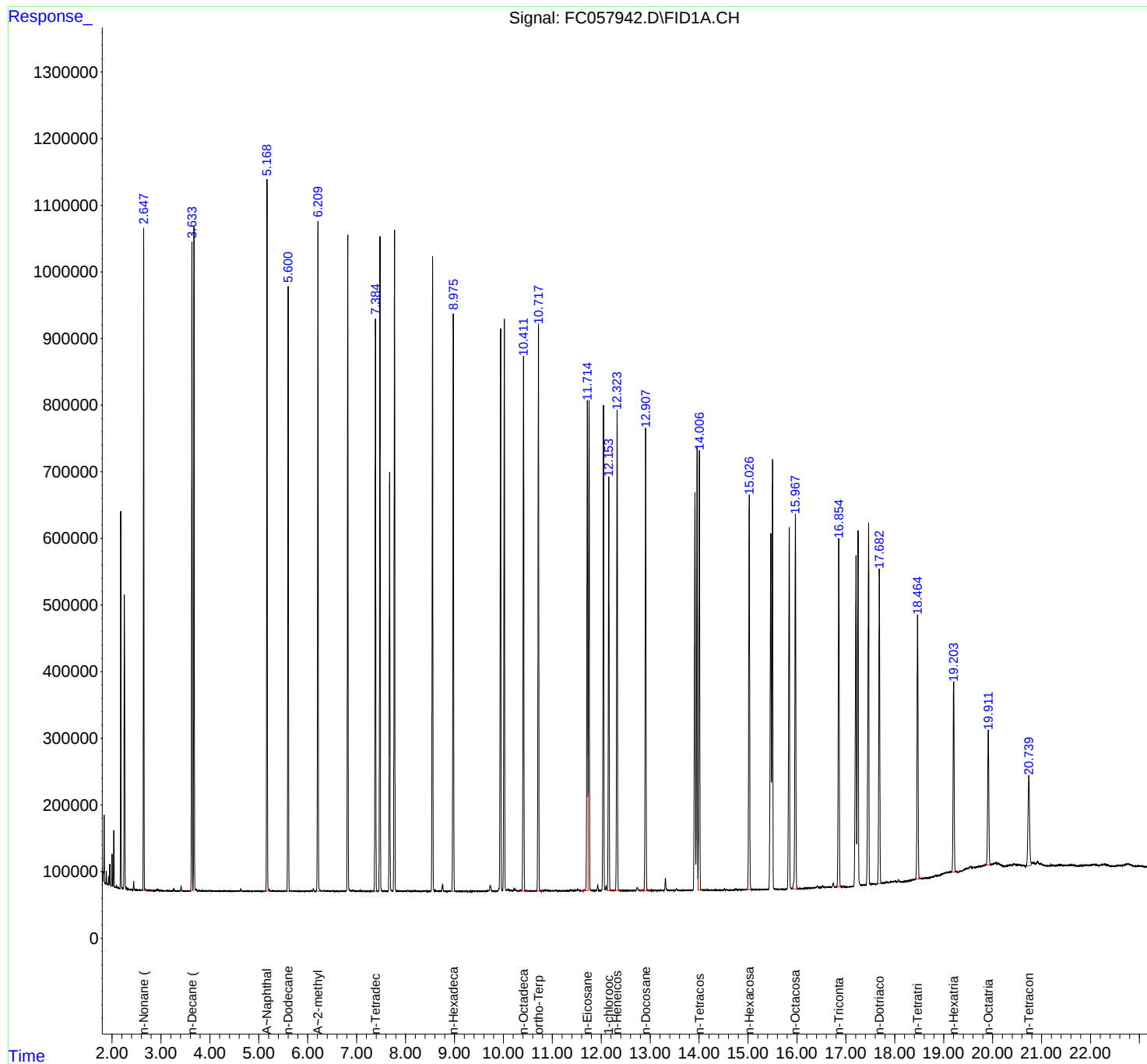
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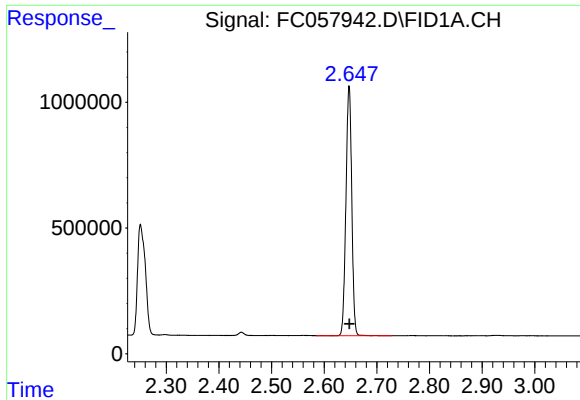
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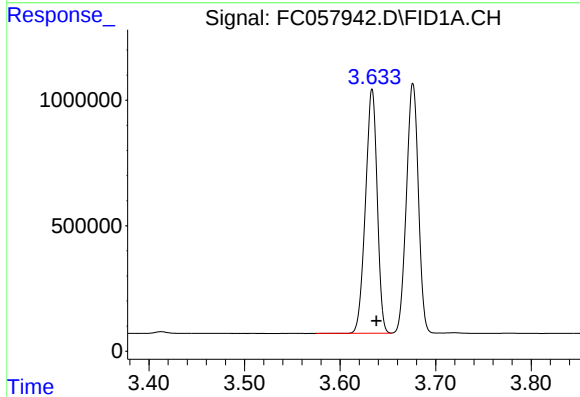
#1 n-Nonane (C9)

R.T.: 2.647 min
Delta R.T.: 0.000 min
Response: 7614920
Conc: 47.62 ug/ml

Instrument :
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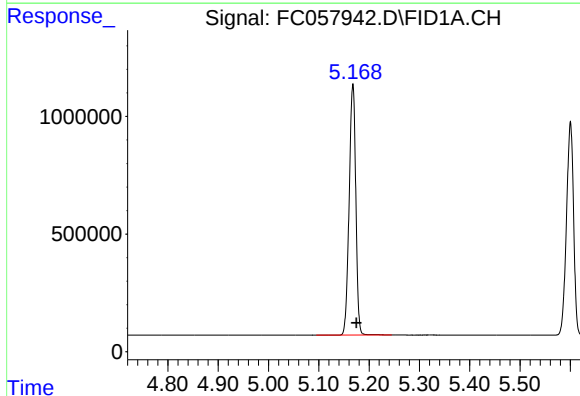
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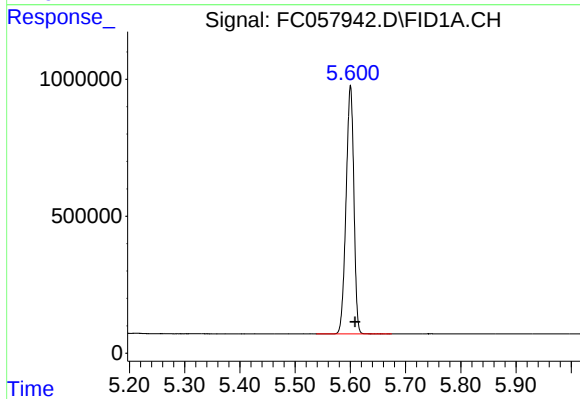
#2 n-Decane (C10)

R.T.: 3.633 min
Delta R.T.: -0.005 min
Response: 8245533
Conc: 51.30 ug/ml



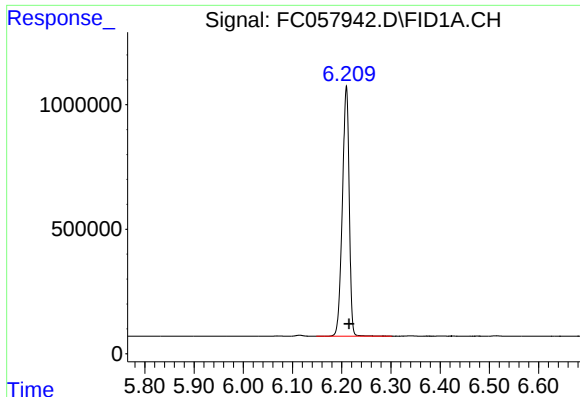
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.007 min
Response: 9769377
Conc: 53.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.600 min
Delta R.T.: -0.009 min
Response: 8860090
Conc: 54.94 ug/ml



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

R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 9700105
Conc: 53.04 ug/ml

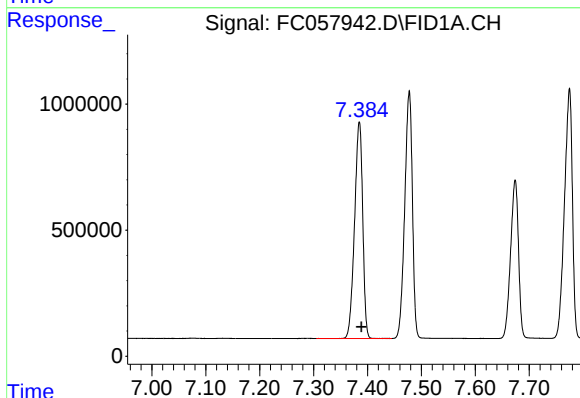
Instrument :

FID_C

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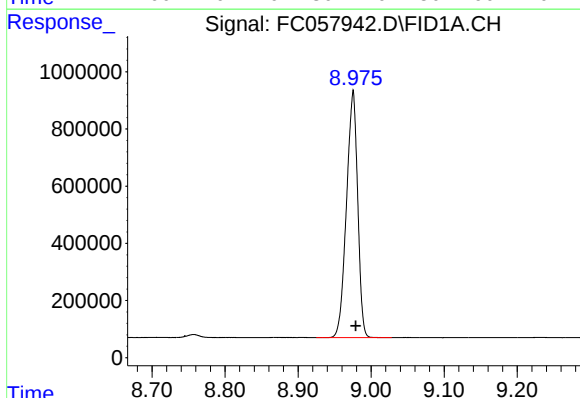
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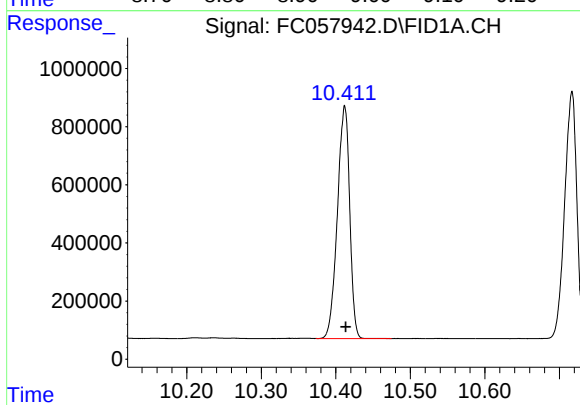
#6 n-Tetradecane (C14)

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 9007093
Conc: 54.56 ug/ml



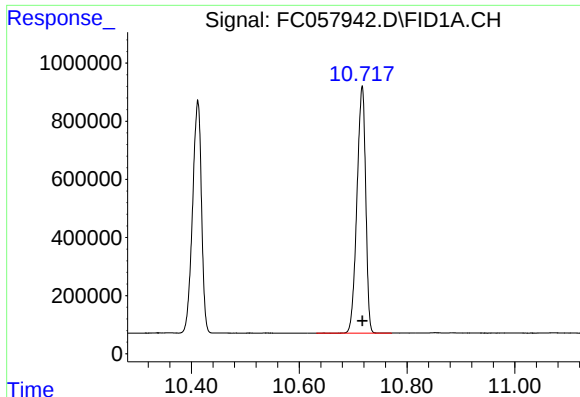
#7 n-Hexadecane (C16)

R.T.: 8.975 min
Delta R.T.: -0.004 min
Response: 9184420
Conc: 54.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.412 min
Delta R.T.: -0.002 min
Response: 9190305
Conc: 53.40 ug/ml



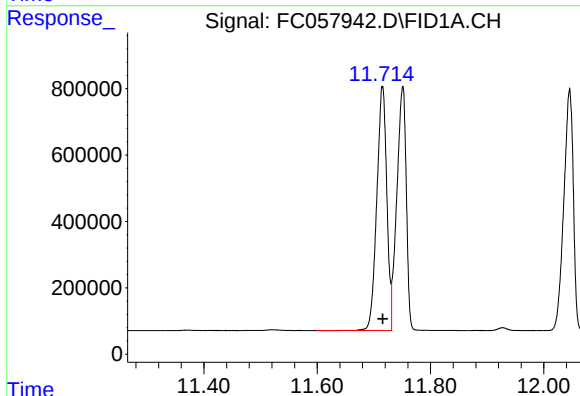
#9 ortho-Terphenyl (SURR)

R.T.: 10.716 min
Delta R.T.: 0.000 min
Response: 9558383
Conc: 49.43 ug/ml

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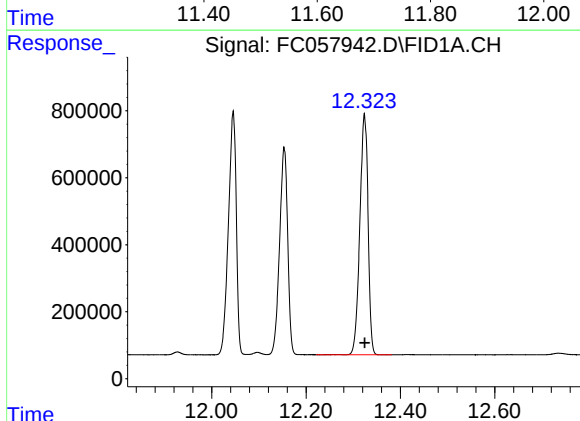
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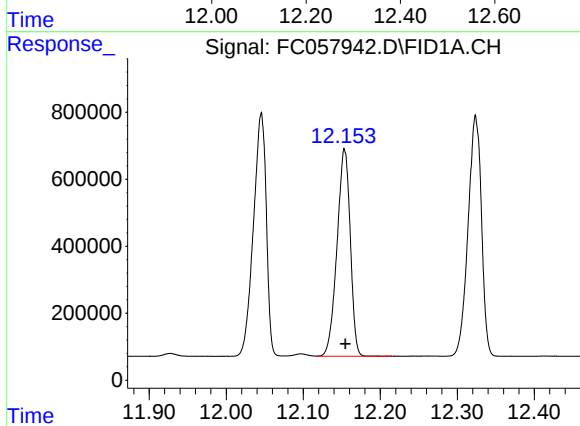
#10 n-Eicosane (C20)

R.T.: 11.715 min
Delta R.T.: 0.000 min
Response: 9025860
Conc: 52.72 ug/ml



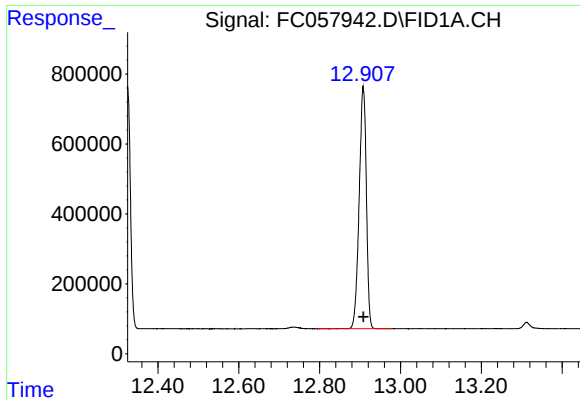
#11 n-Heneicosane (C21)

R.T.: 12.324 min
Delta R.T.: 0.000 min
Response: 8681969
Conc: 50.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.154 min
Delta R.T.: -0.001 min
Response: 7394174
Conc: 50.17 ug/ml



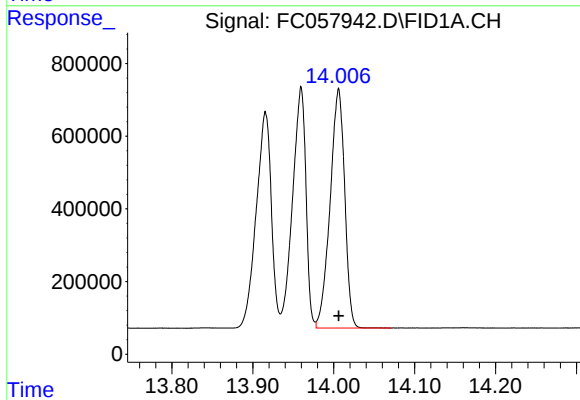
#13 n-Docosane (C22)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 8537218
Conc: 49.35 ug/ml

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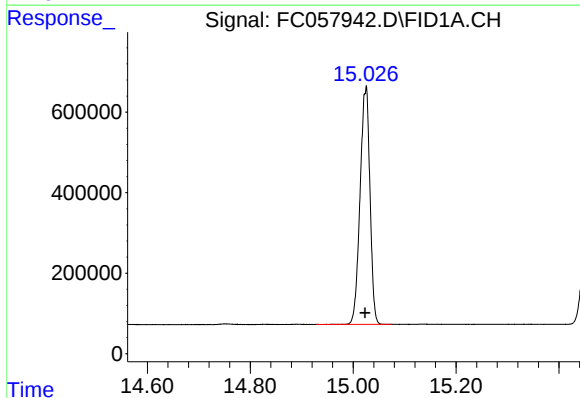
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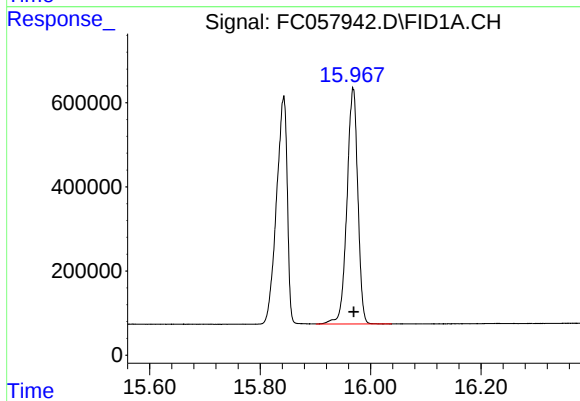
#14 n-Tetracosane (C24)

R.T.: 14.006 min
Delta R.T.: 0.000 min
Response: 8231859
Conc: 47.55 ug/ml



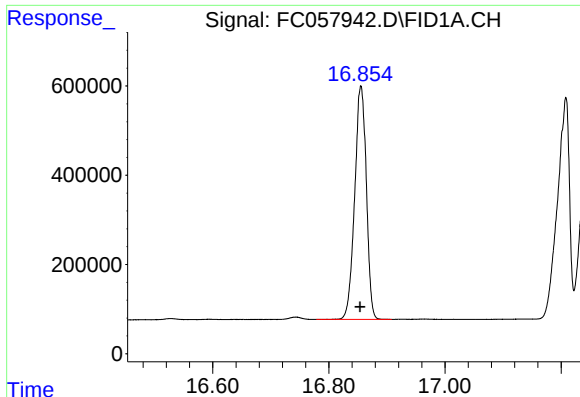
#15 n-Hexacosane (C26)

R.T.: 15.024 min
Delta R.T.: 0.000 min
Response: 7842498
Conc: 46.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.968 min
Delta R.T.: -0.001 min
Response: 7672490
Conc: 46.89 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.855 min
Delta R.T.: 0.002 min
Response: 7281725
Conc: 46.64 ug/ml

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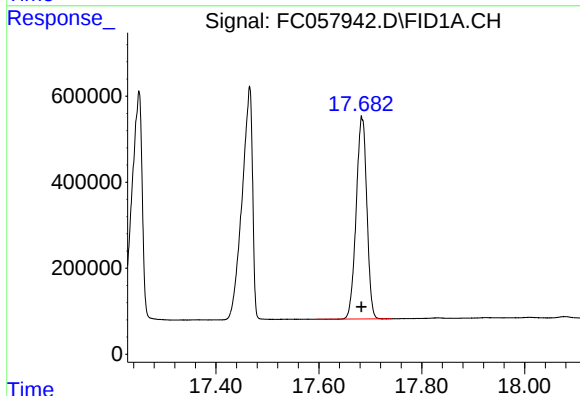
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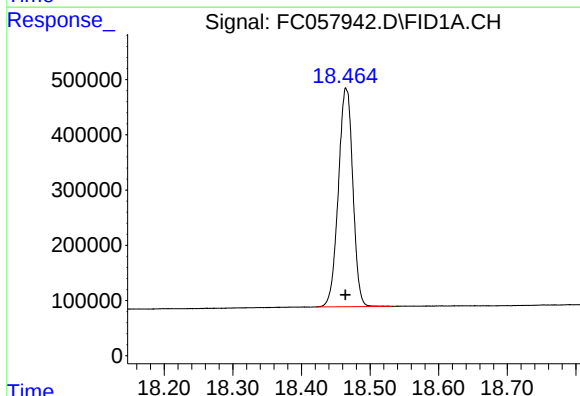
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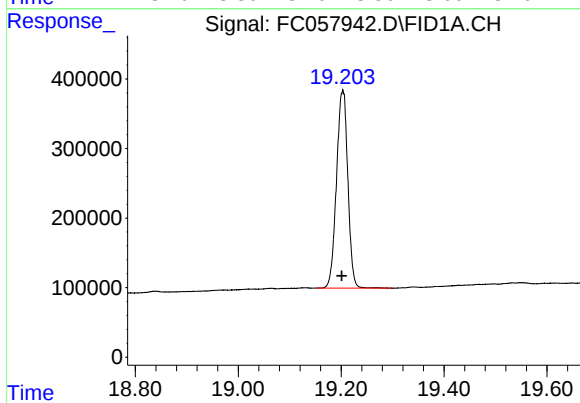
#18 n-Dotriacontane (C32)

R.T.: 17.684 min
Delta R.T.: 0.000 min
Response: 6753340
Conc: 48.44 ug/ml



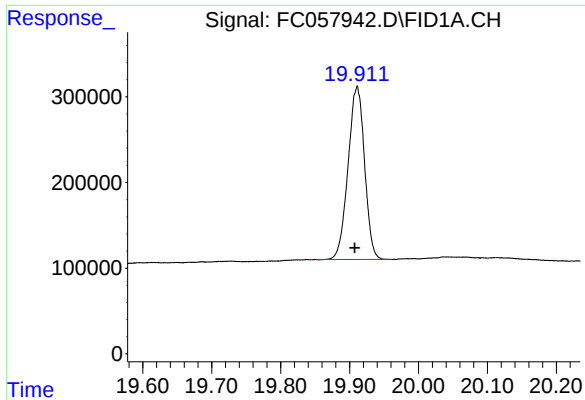
#19 n-Tetratriacontane (C34)

R.T.: 18.465 min
Delta R.T.: 0.000 min
Response: 5791392
Conc: 46.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.203 min
Delta R.T.: 0.001 min
Response: 4343892
Conc: 39.07 ug/ml



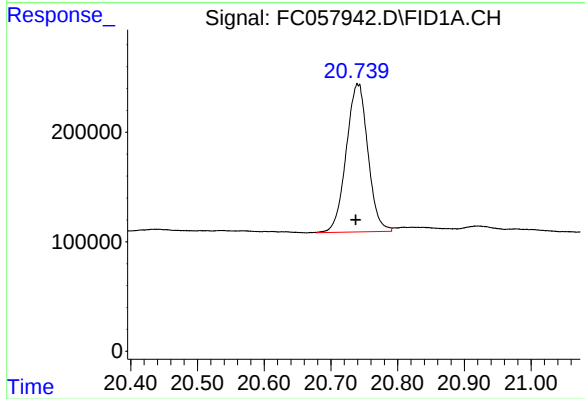
#21 n-Octatriacontane (C38)

R.T.: 19.911 min
Delta R.T.: 0.003 min
Response: 3357316
Conc: 32.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.739 min
Delta R.T.: 0.002 min
Response: 3052432
Conc: 31.88 ug/ml m