

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042522AL\
 Data File : FC059442.D
 Signal(s) : FID1A.CH
 Acq On : 26 Apr 2022 15:53
 Operator : UA/NP
 Sample : PB144298BSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144298BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/27/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: sample.E
 Quant Time: Apr 26 17:51:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.099	7208522	44.859 ug/ml
Spiked Amount 50.000		Recovery =	89.72%
12) S 1-chlorooctadecane (S...	12.545	5844805	44.759 ug/ml
Spiked Amount 50.000		Recovery =	89.52%
Target Compounds			
1) T n-Nonane (C9)	2.975	5244479	41.845 ug/ml
2) T n-Decane (C10)	4.010	5606585	44.877 ug/ml
3) T A~Naphthalene (C11.7)	5.552	6665442	54.337 ug/ml
4) T n-Dodecane (C12)	6.002	6347452	48.135 ug/ml
5) T A~2-methylnaphthalene...	6.600	6942459	55.009 ug/ml
6) T n-Tetradecane (C14)	7.786	6854283	50.673 ug/ml
7) T n-Hexadecane (C16)	9.374	7123283	50.720 ug/ml
8) T n-Octadecane (C18)	10.808	7470692	51.142 ug/ml
10) T n-Eicosane (C20)	12.110	7144467	47.639 ug/mlm
11) T n-Heneicosane (C21)	12.717	7093380	46.633 ug/ml
13) T n-Docosane (C22)	13.300	6980550	45.558 ug/ml
14) T n-Tetracosane (C24)	14.398	7465900	48.216 ug/ml
15) T n-Hexacosane (C26)	15.416	6326160	41.047 ug/ml
16) T n-Octacosane (C28)	16.360	6125180	39.567 ug/ml
17) T n-Tricontane (C30)	17.246	5563303	36.628 ug/ml
18) T n-Dotriacontane (C32)	18.074	5481568	38.904 ug/ml
19) T n-Tetratriacontane (C34)	18.854	5036285	39.848 ug/ml
20) T n-Hexatriacontane (C36)	19.591	4918369	44.967 ug/ml
21) T n-Octatriacontane (C38)	20.289	4833099	51.895 ug/mlm
22) T n-Tetracontane (C40)	21.032	4791544	57.365 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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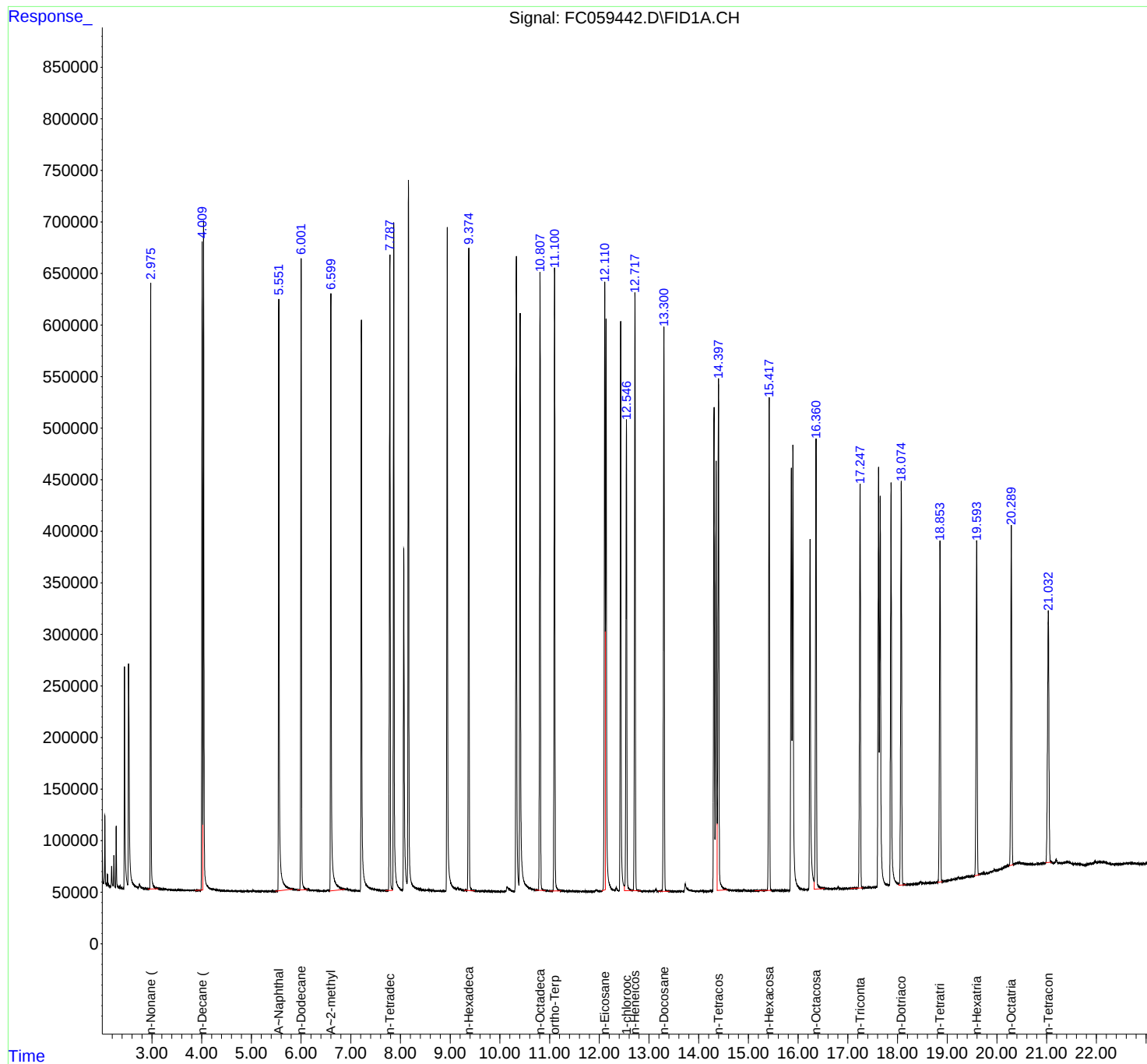
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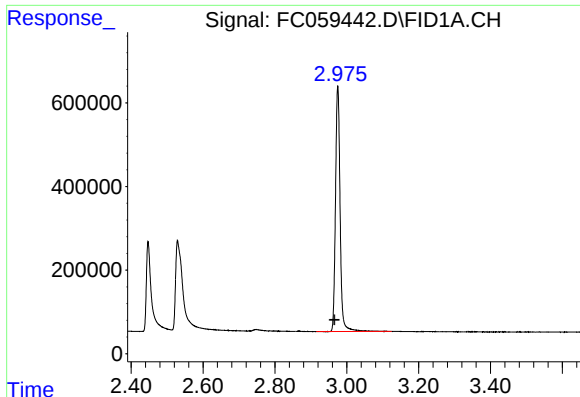
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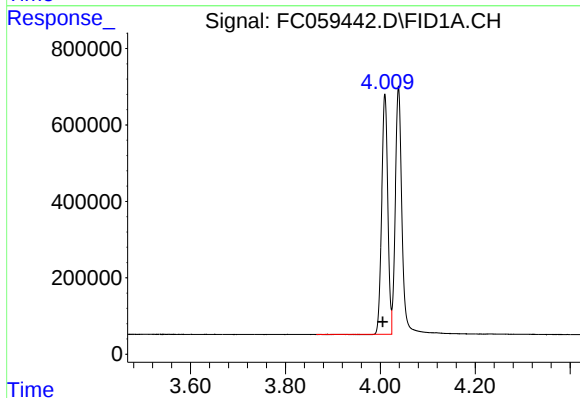
#1 n-Nonane (C9)

R.T.: 2.975 min
Delta R.T.: 0.009 min
Response: 5244479
Conc: 41.85 ug/ml

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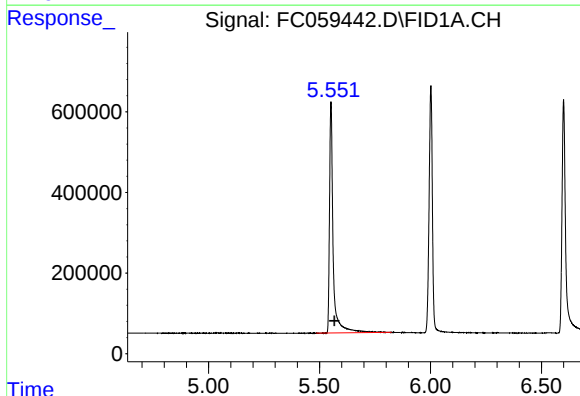
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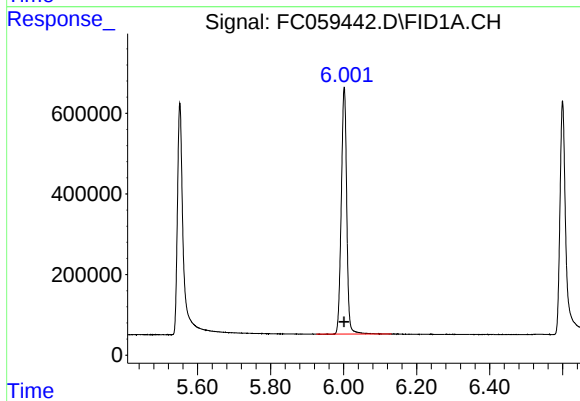
#2 n-Decane (C10)

R.T.: 4.010 min
Delta R.T.: 0.005 min
Response: 5606585
Conc: 44.88 ug/ml



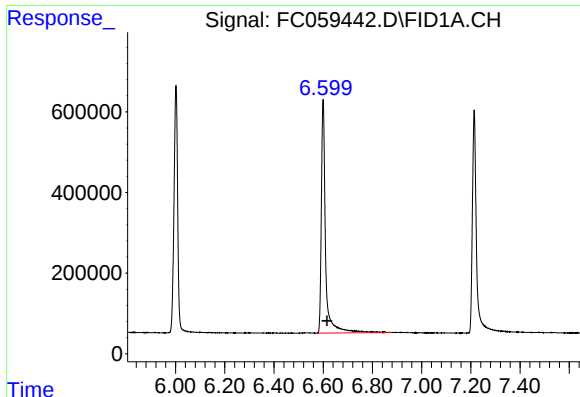
#3 A~Naphthalene (C11.7)

R.T.: 5.552 min
Delta R.T.: -0.015 min
Response: 6665442
Conc: 54.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 6347452
Conc: 48.13 ug/ml



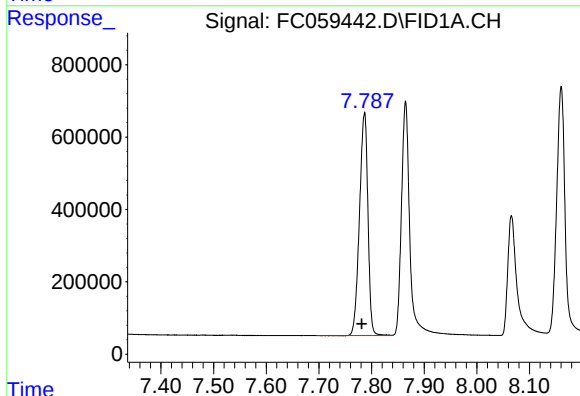
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.600 min
Delta R.T.: -0.016 min
Response: 6942459
Conc: 55.01 ug/ml

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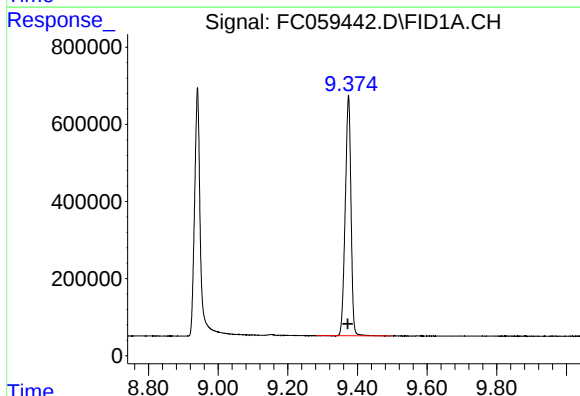
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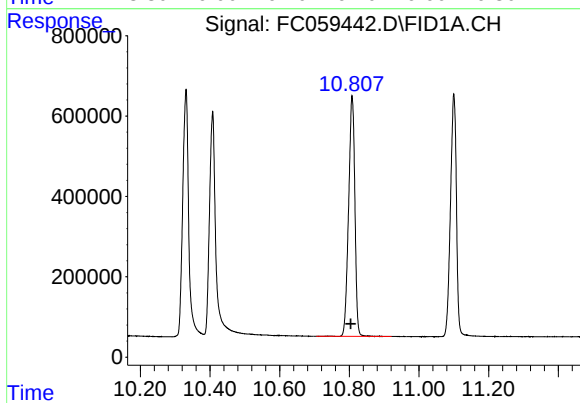
#6 n-Tetradecane (C14)

R.T.: 7.786 min
Delta R.T.: 0.004 min
Response: 6854283
Conc: 50.67 ug/ml



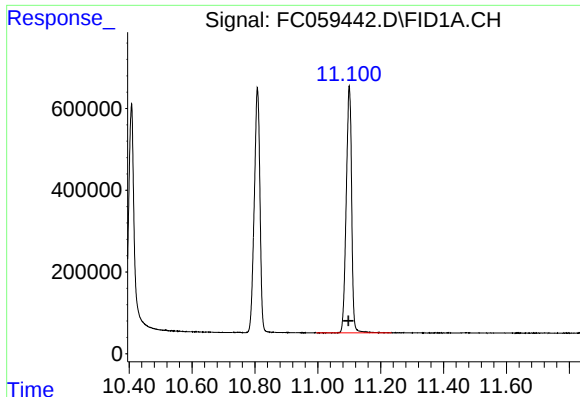
#7 n-Hexadecane (C16)

R.T.: 9.374 min
Delta R.T.: 0.002 min
Response: 7123283
Conc: 50.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.808 min
Delta R.T.: 0.003 min
Response: 7470692
Conc: 51.14 ug/ml



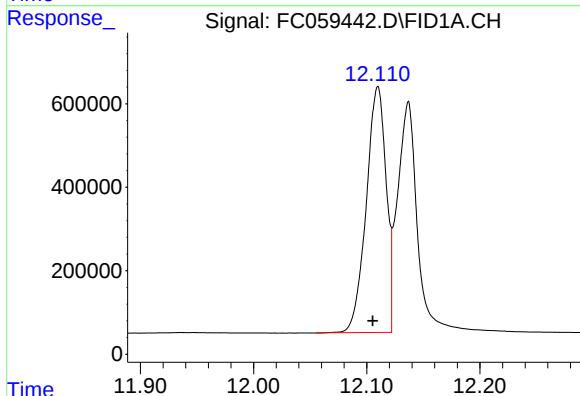
#9 ortho-Terphenyl (SURR)

R.T.: 11.099 min
Delta R.T.: 0.002 min
Response: 7208522
Conc: 44.86 ug/ml

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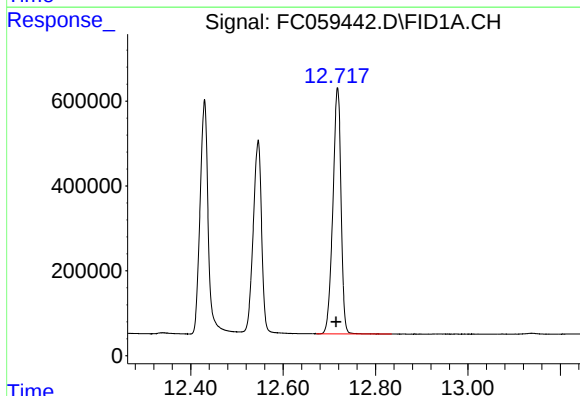
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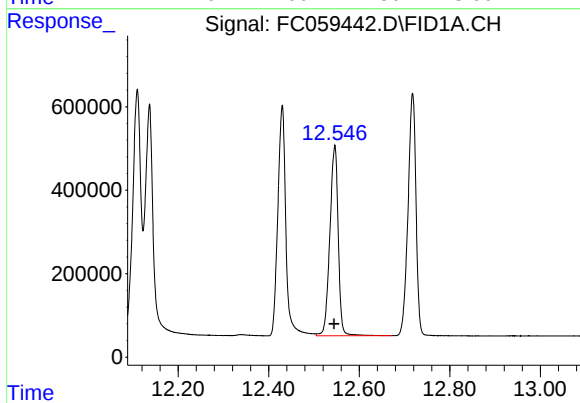
#10 n-Eicosane (C20)

R.T.: 12.110 min
Delta R.T.: 0.004 min
Response: 7144467
Conc: 47.64 ug/ml m



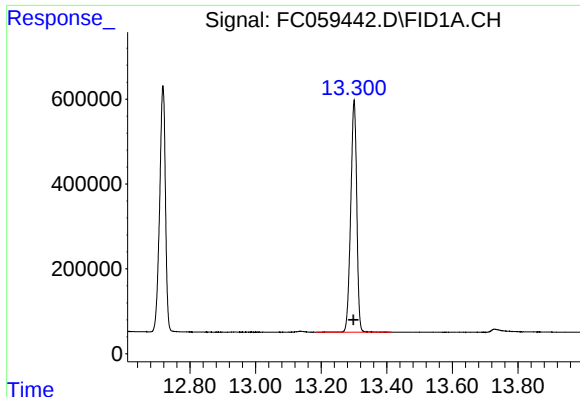
#11 n-Heneicosane (C21)

R.T.: 12.717 min
Delta R.T.: 0.003 min
Response: 7093380
Conc: 46.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.545 min
Delta R.T.: 0.000 min
Response: 5844805
Conc: 44.76 ug/ml



#13 n-Docosane (C22)

R.T.: 13.300 min
Delta R.T.: 0.002 min
Response: 6980550
Conc: 45.56 ug/ml

Instrument :

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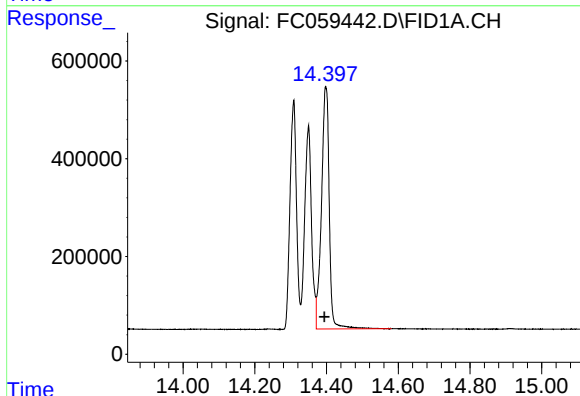
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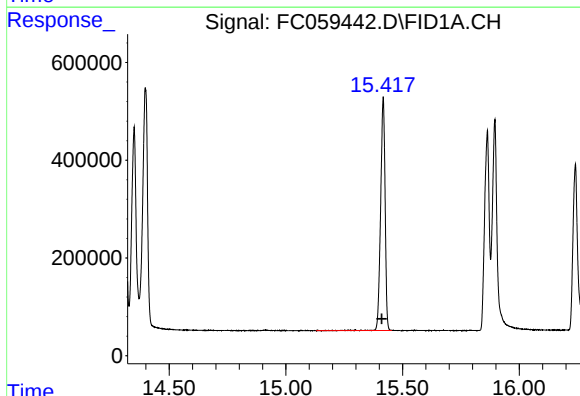
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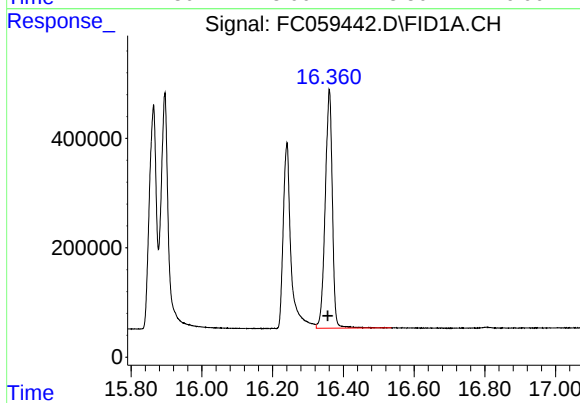
#14 n-Tetracosane (C24)

R.T.: 14.398 min
Delta R.T.: 0.003 min
Response: 7465900
Conc: 48.22 ug/ml



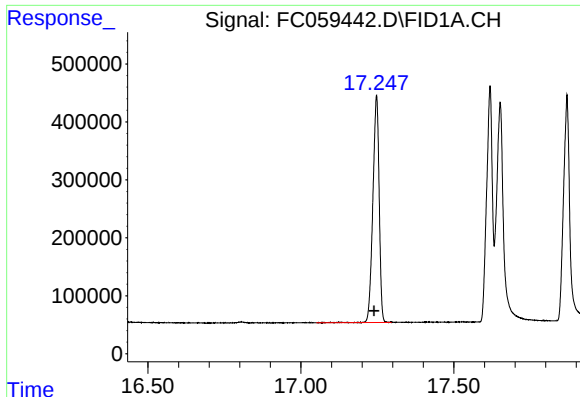
#15 n-Hexacosane (C26)

R.T.: 15.416 min
Delta R.T.: 0.005 min
Response: 6326160
Conc: 41.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.360 min
Delta R.T.: 0.003 min
Response: 6125180
Conc: 39.57 ug/ml



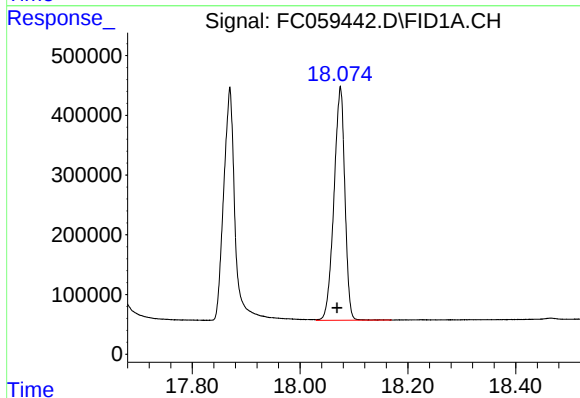
#17 n-Tricontane (C30)

R.T.: 17.246 min
Delta R.T.: 0.007 min
Response: 5563303
Conc: 36.63 ug/ml

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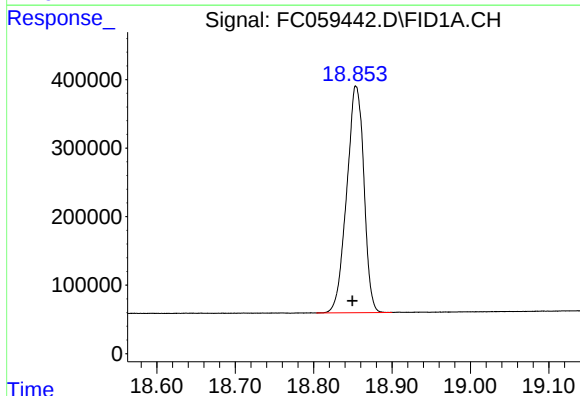
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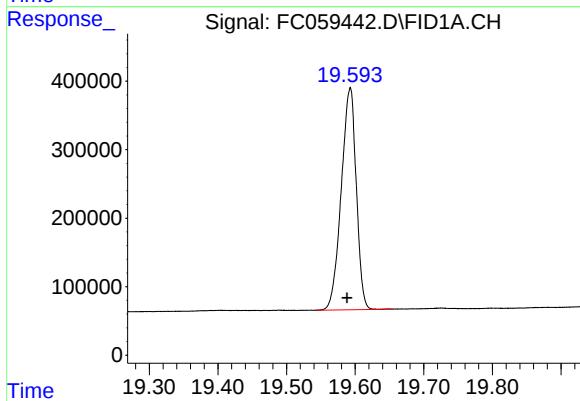
#18 n-Dotriacontane (C32)

R.T.: 18.074 min
Delta R.T.: 0.006 min
Response: 5481568
Conc: 38.90 ug/ml



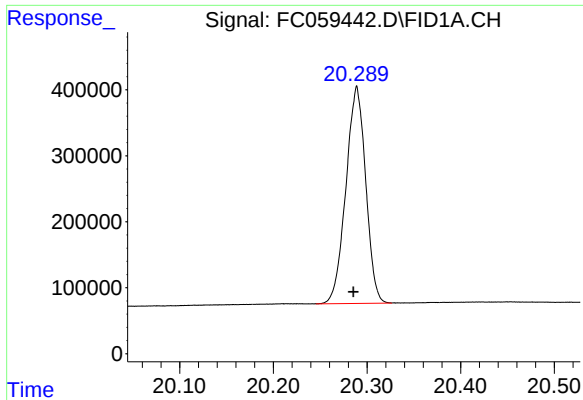
#19 n-Tetratriacontane (C34)

R.T.: 18.854 min
Delta R.T.: 0.005 min
Response: 5036285
Conc: 39.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.591 min
Delta R.T.: 0.003 min
Response: 4918369
Conc: 44.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.289 min
Delta R.T.: 0.003 min
Response: 4833099
Conc: 51.90 ug/ml

Instrument :

FID_C

ClientSampleId :

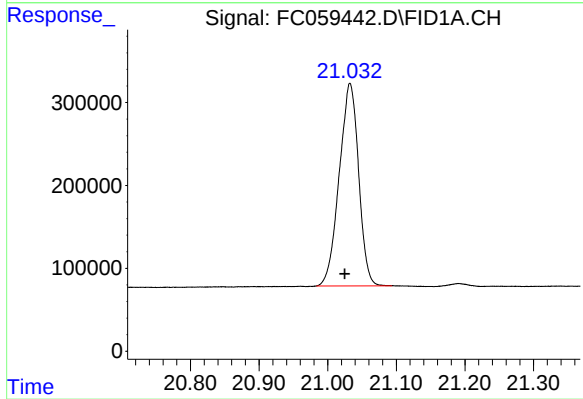
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#22 n-Tetracontane (C40)

R.T.: 21.032 min
Delta R.T.: 0.008 min
Response: 4791544
Conc: 57.36 ug/ml