

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111521AL\
 Data File : FC056816.D
 Signal(s) : FID1A.CH
 Acq On : 16 Nov 2021 1:08
 Operator : AJ\MA
 Sample : M4674-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MF-SOIL-P2MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/16/2021
 Supervised By :mohammad ahmed 11/16/2021

Integration File: autoint1.e
 Quant Time: Nov 16 02:47:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 2021
 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)	11.609	2805118	22.655 ug/ml
Spiked Amount 50.000		Recovery =	45.31%
12) S 1-chlorooctadecane (S...	13.040	2315853	24.067 ug/ml
Spiked Amount 50.000		Recovery =	48.13%
Target Compounds			
1) T n-Nonane (C9)	3.365	3841415	35.492 ug/ml
2) T n-Decane (C10)	4.435	4394872	40.800 ug/ml
3) T A~Naphthalene (C11.7)	6.026	4753790	38.991 ug/ml
4) T n-Dodecane (C12)	6.455	4752242	43.109 ug/ml
5) T A~2-methylnaphthalene...	7.084	4800892	39.204 ug/ml
6) T n-Tetradecane (C14)	8.251	4926701	43.883 ug/ml
7) T n-Hexadecane (C16)	9.850	4973272	43.744 ug/ml
8) T n-Octadecane (C18)	11.290	4978438	42.603 ug/ml
10) T n-Eicosane (C20)	12.597	4697328	40.872 ug/ml
11) T n-Heneicosane (C21)	13.207	4584372	39.891 ug/ml
13) T n-Docosane (C22)	13.792	4491906	39.898 ug/ml
14) T n-Tetracosane (C24)	14.891	8671262	78.684 ug/ml
15) T n-Hexacosane (C26)	15.912	4272168	40.477 ug/ml
16) T n-Octacosane (C28)	16.855	4362162	42.054 ug/ml
17) T n-Tricontane (C30)	17.742	4264250	41.157 ug/ml
18) T n-Dotriacontane (C32)	18.569	4214133	43.985 ug/ml
19) T n-Tetratriacontane (C34)	19.349	4047928	46.152 ug/ml
20) T n-Hexatriacontane (C36)	20.087	3731023	45.583 ug/mlm
21) T n-Octatriacontane (C38)	20.820	3549013	44.376 ug/ml
22) T n-Tetracontane (C40)	21.733	3518618	42.707 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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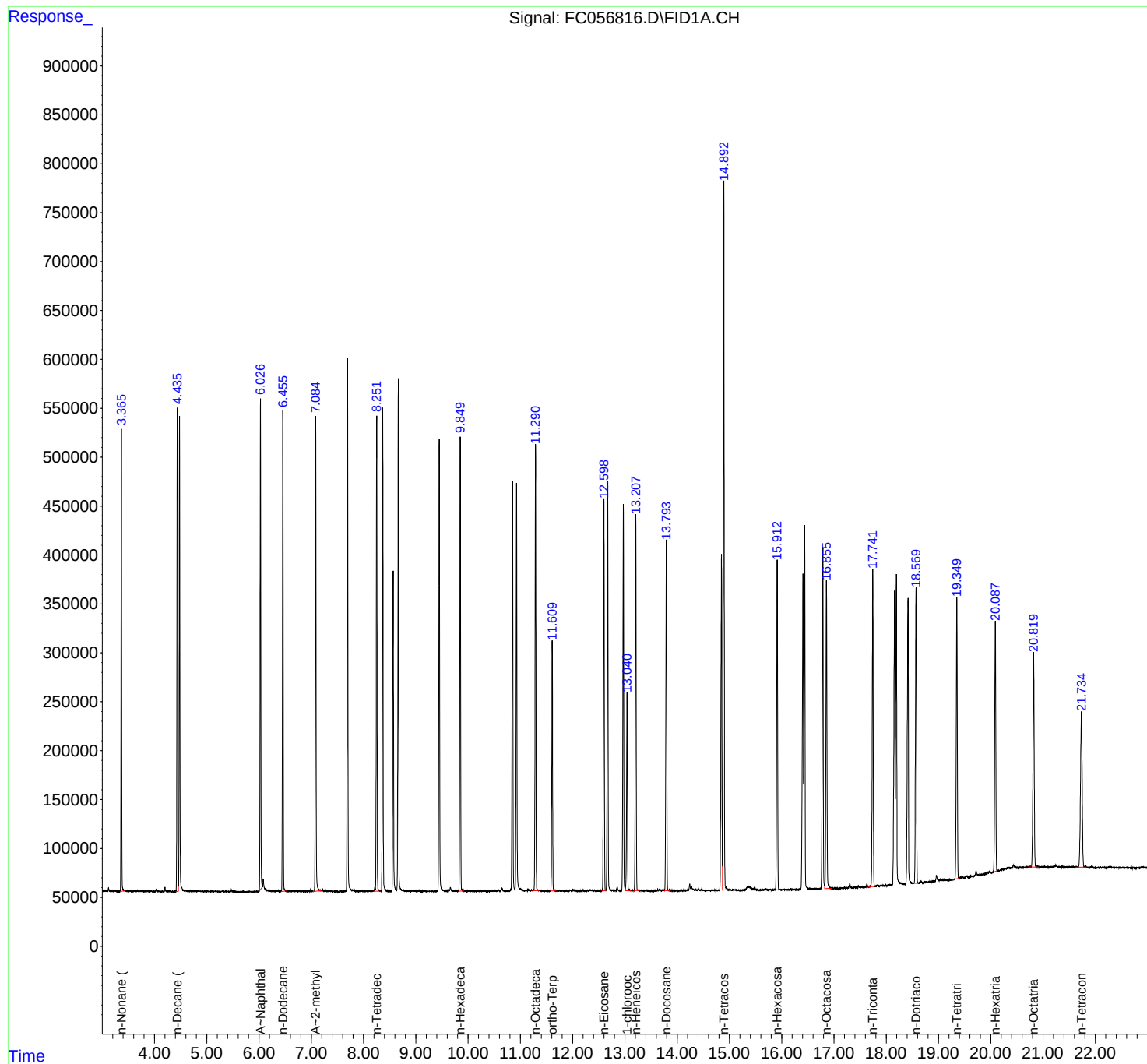
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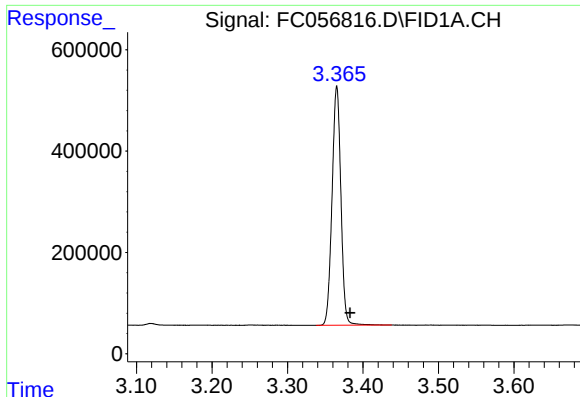
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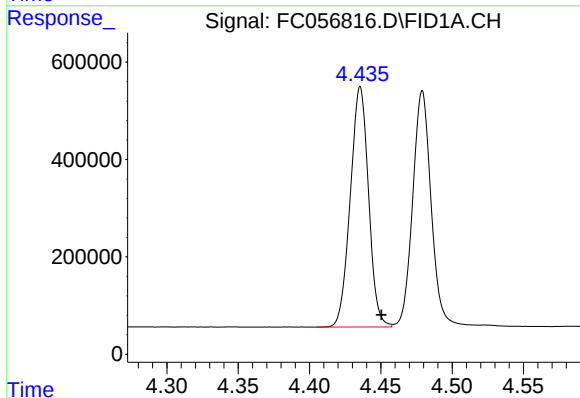
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: -0.018 min
Response: 3841415
Conc: 35.49 ug/ml

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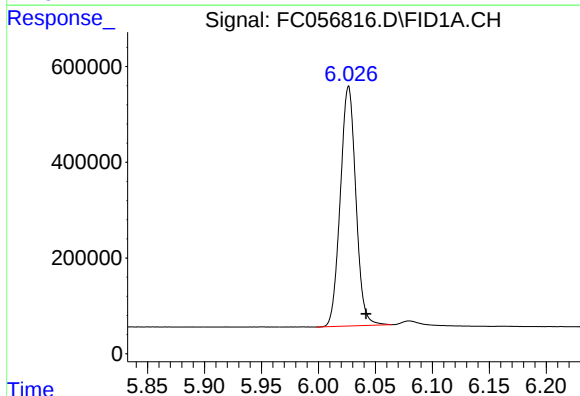
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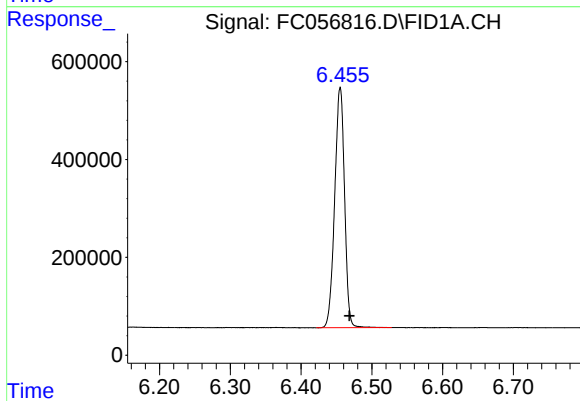
#2 n-Decane (C10)

R.T.: 4.435 min
Delta R.T.: -0.015 min
Response: 4394872
Conc: 40.80 ug/ml



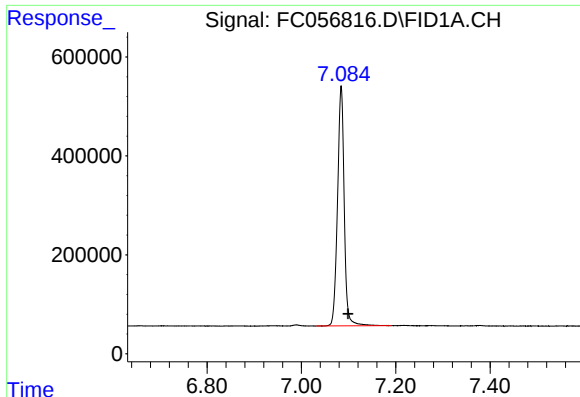
#3 A~Naphthalene (C11.7)

R.T.: 6.026 min
Delta R.T.: -0.015 min
Response: 4753790
Conc: 38.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.455 min
Delta R.T.: -0.014 min
Response: 4752242
Conc: 43.11 ug/ml



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

R.T.: 7.084 min
Delta R.T.: -0.014 min
Response: 4800892
Conc: 39.20 ug/ml

Instrument :

FID_C

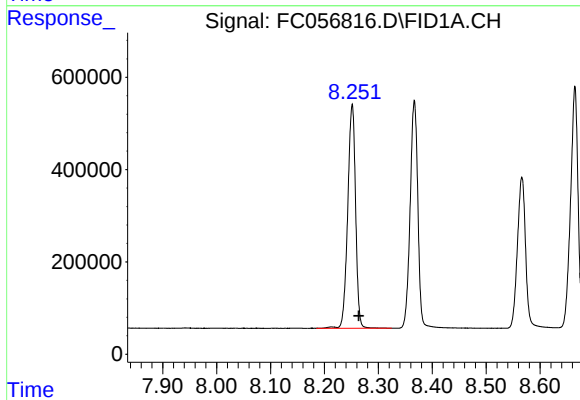
ClientSampleId :

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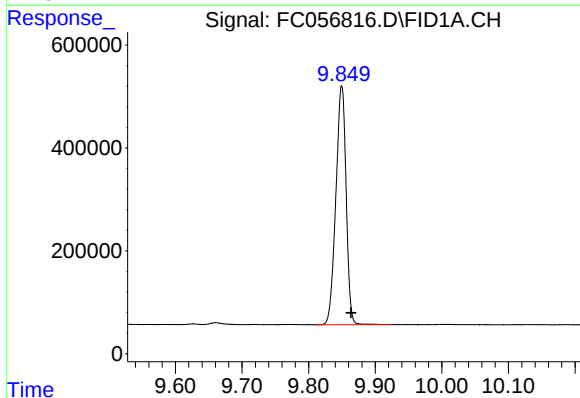
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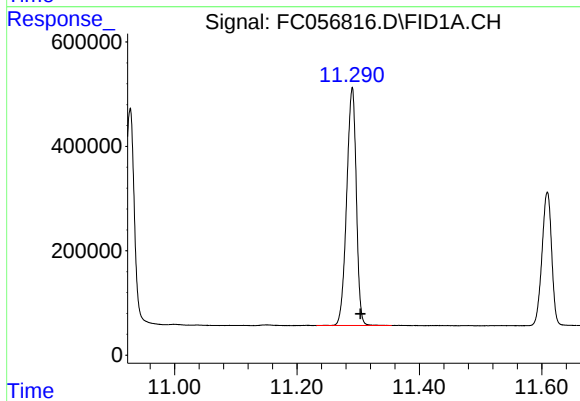
#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.013 min
Response: 4926701
Conc: 43.88 ug/ml



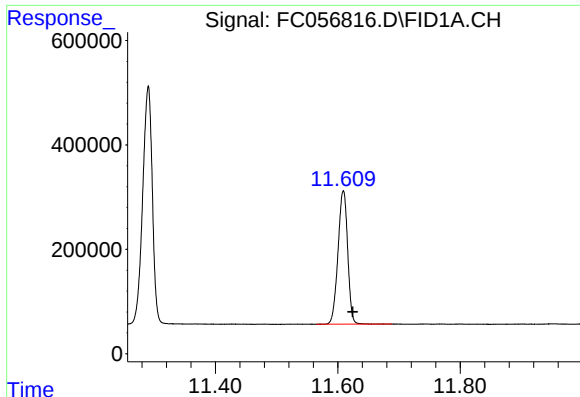
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: -0.014 min
Response: 4973272
Conc: 43.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.290 min
Delta R.T.: -0.014 min
Response: 4978438
Conc: 42.60 ug/ml



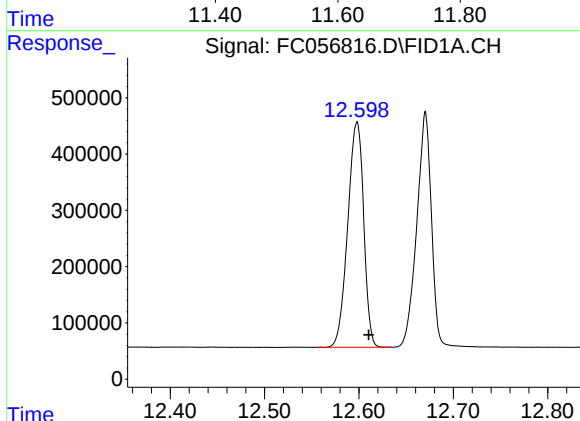
#9 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: -0.016 min
Response: 2805118
Conc: 22.66 ug/ml

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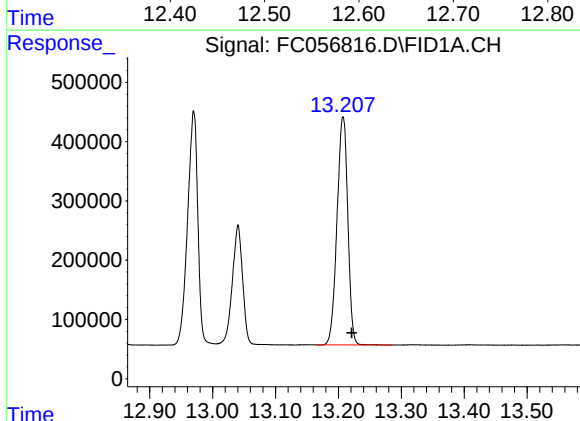
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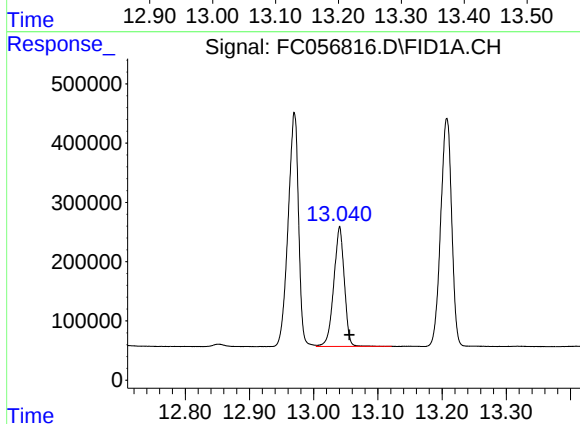
#10 n-Eicosane (C20)

R.T.: 12.597 min
Delta R.T.: -0.013 min
Response: 4697328
Conc: 40.87 ug/ml



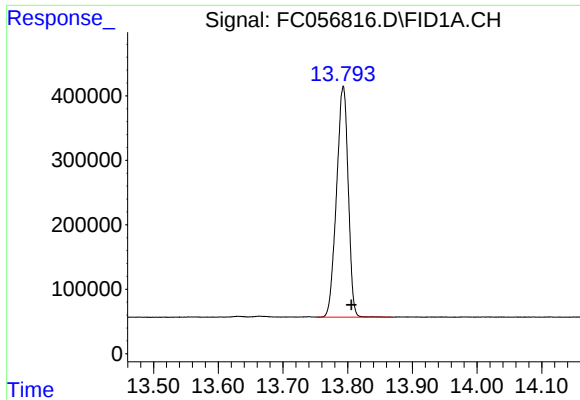
#11 n-Heneicosane (C21)

R.T.: 13.207 min
Delta R.T.: -0.014 min
Response: 4584372
Conc: 39.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.040 min
Delta R.T.: -0.016 min
Response: 2315853
Conc: 24.07 ug/ml



#13 n-Docosane (C22)

R.T.: 13.792 min
Delta R.T.: -0.013 min
Response: 4491906
Conc: 39.90 ug/ml

Instrument :

FID_C

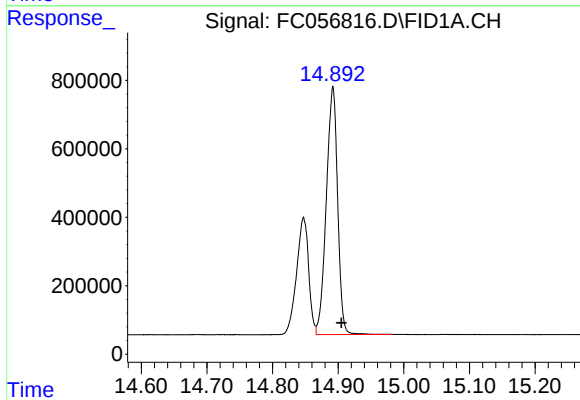
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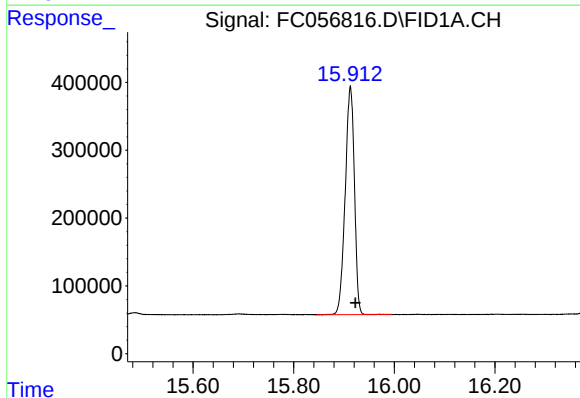
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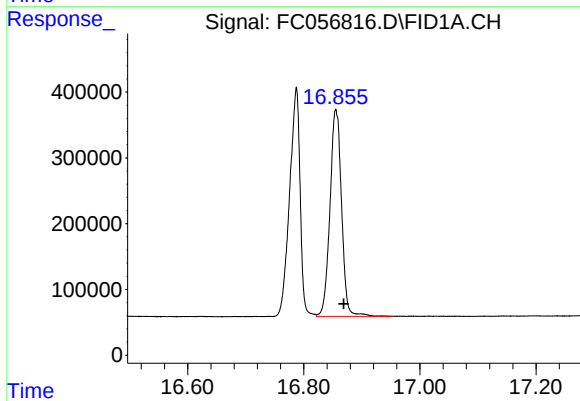
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: -0.014 min
Response: 8671262
Conc: 78.68 ug/ml



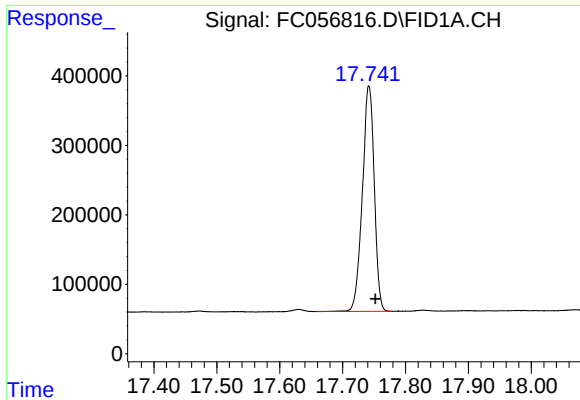
#15 n-Hexacosane (C26)

R.T.: 15.912 min
Delta R.T.: -0.011 min
Response: 4272168
Conc: 40.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: -0.013 min
Response: 4362162
Conc: 42.05 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.742 min
Delta R.T.: -0.011 min
Response: 4264250
Conc: 41.16 ug/ml

Instrument :

FID_C

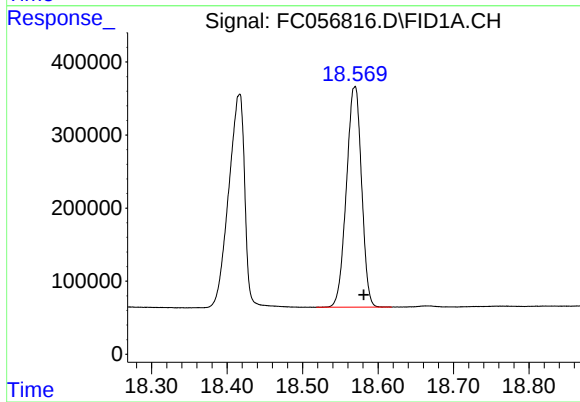
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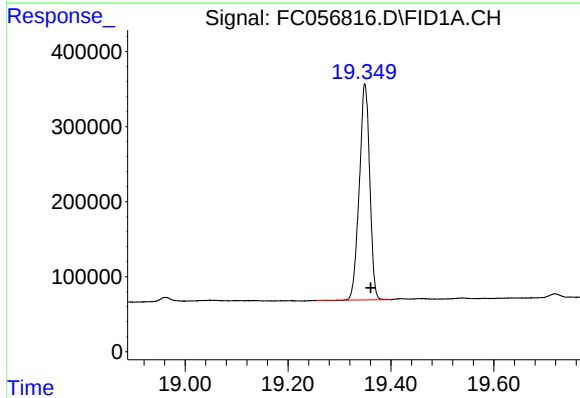
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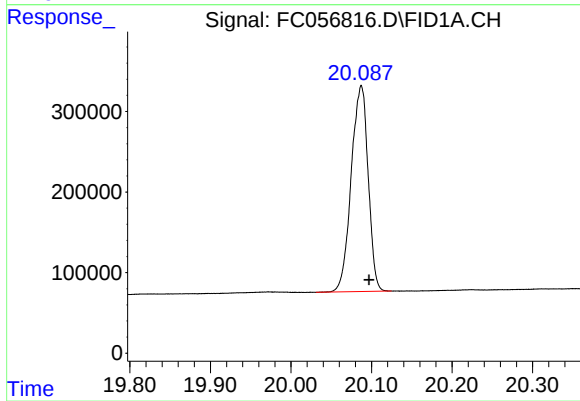
#18 n-Dotriacontane (C32)

R.T.: 18.569 min
Delta R.T.: -0.012 min
Response: 4214133
Conc: 43.98 ug/ml



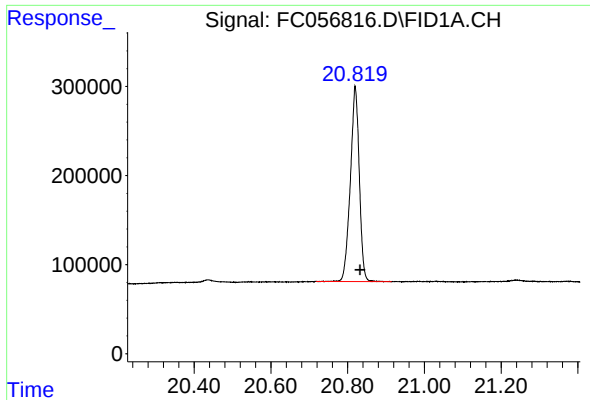
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.011 min
Response: 4047928
Conc: 46.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: -0.010 min
Response: 3731023
Conc: 45.58 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.820 min
Delta R.T.: -0.013 min
Response: 3549013
Conc: 44.38 ug/ml

Instrument :

FID_C

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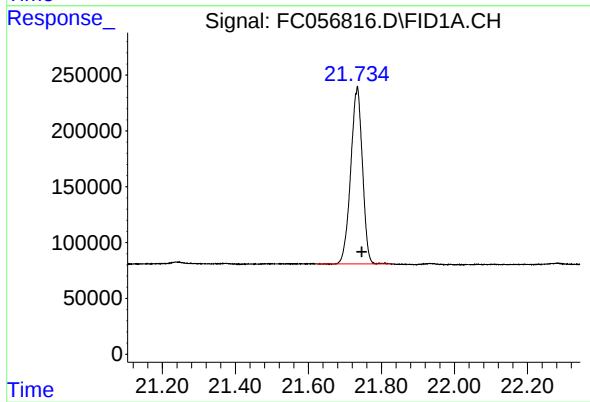
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#22 n-Tetracontane (C40)

R.T.: 21.733 min
Delta R.T.: -0.014 min
Response: 3518618
Conc: 42.71 ug/ml