

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041822AL\
 Data File : FC059286.D
 Signal(s) : FID1A.CH
 Acq On : 18 Apr 2022 17:49
 Operator : UA/NP
 Sample : PB141170BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144170BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/20/2022
 Supervised By :mohammad ahmed 04/20/2022

Integration File: autoint1.e
 Quant Time: Apr 19 03:15:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.107	5901131	40.957 ug/ml
Spiked Amount 50.000		Recovery =	81.91%
12) S 1-chlorooctadecane (S...	12.555	4724444	42.147 ug/ml
Spiked Amount 50.000		Recovery =	84.29%
Target Compounds			
1) T n-Nonane (C9)	2.974	4703522	38.382 ug/ml
2) T n-Decane (C10)	4.012	5059512	41.287 ug/ml
3) T A~Naphthalene (C11.7)	5.556	5788894	46.107 ug/ml
4) T n-Dodecane (C12)	6.006	5591547	43.777 ug/ml
5) T A~2-methylnaphthalene...	6.604	5745953	44.821 ug/ml
6) T n-Tetradecane (C14)	7.791	5720135	43.994 ug/ml
7) T n-Hexadecane (C16)	9.380	5731933	43.165 ug/ml
8) T n-Octadecane (C18)	10.815	5918241	44.513 ug/ml
10) T n-Eicosane (C20)	12.119	5704706	43.539 ug/mlm
11) T n-Heneicosane (C21)	12.727	5576461	42.739 ug/ml
13) T n-Docosane (C22)	13.310	5496149	42.427 ug/ml
14) T n-Tetracosane (C24)	14.407	5920157	46.865 ug/ml
15) T n-Hexacosane (C26)	15.426	5274496	43.666 ug/ml
16) T n-Octacosane (C28)	16.370	5307297	44.821 ug/ml
17) T n-Tricontane (C30)	17.258	5023175	44.033 ug/mlm
18) T n-Dotriacontane (C32)	18.084	4951307	46.218 ug/ml
19) T n-Tetratriacontane (C34)	18.865	4281450	42.375 ug/mlm
20) T n-Hexatriacontane (C36)	19.602	3670206	38.412 ug/ml
21) T n-Octatriacontane (C38)	20.301	2994332	32.540 ug/ml
22) T n-Tetracontane (C40)	21.045	2614364	28.130 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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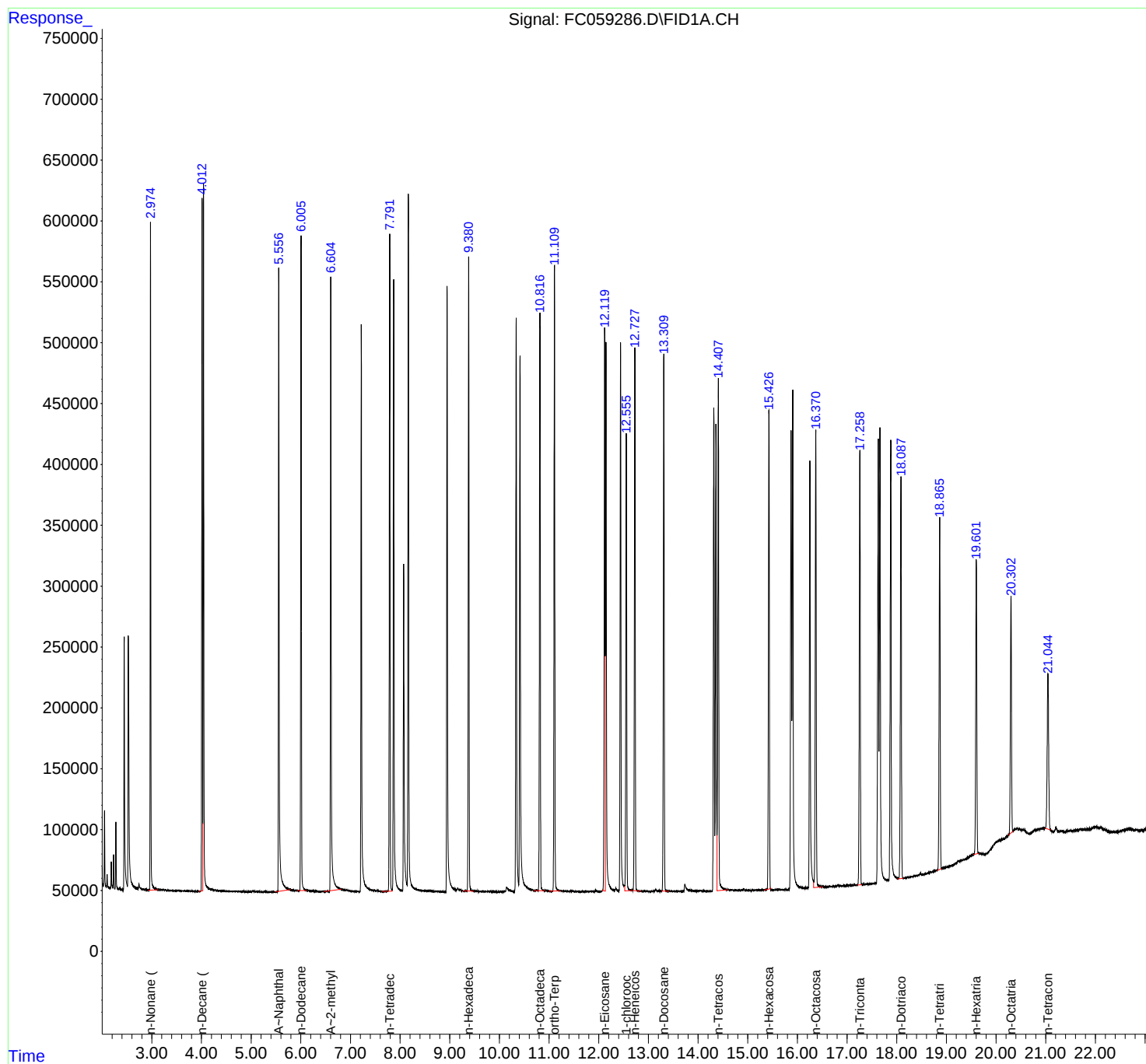
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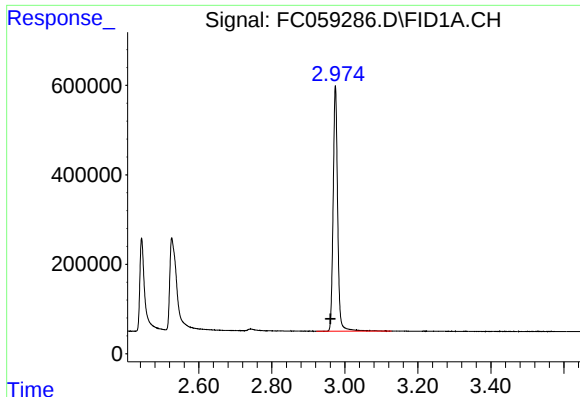
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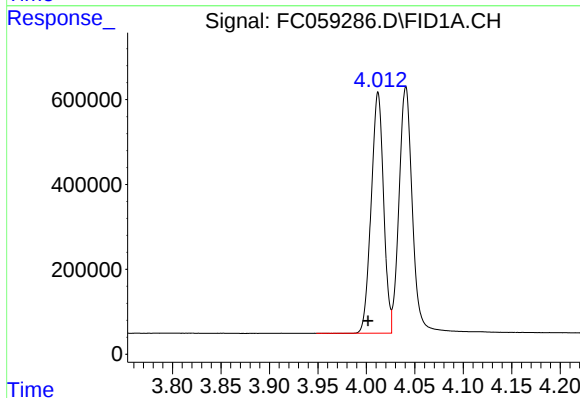
#1 n-Nonane (C9)

R.T.: 2.974 min
Delta R.T.: 0.013 min
Response: 4703522
Conc: 38.38 ug/ml

Instrument :
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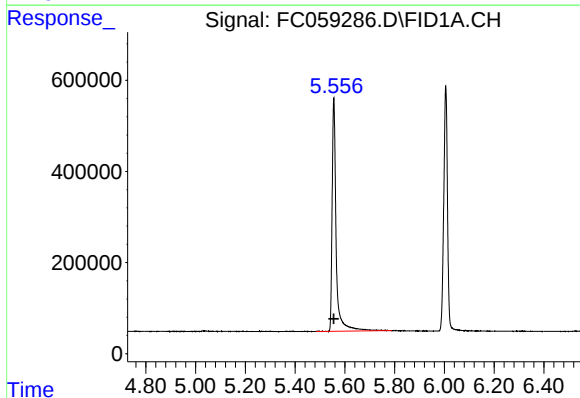
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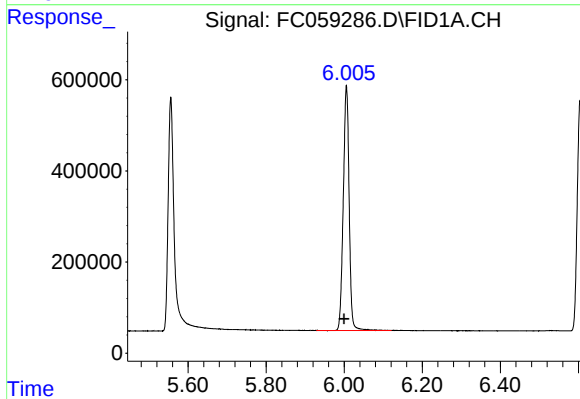
#2 n-Decane (C10)

R.T.: 4.012 min
Delta R.T.: 0.010 min
Response: 5059512
Conc: 41.29 ug/ml



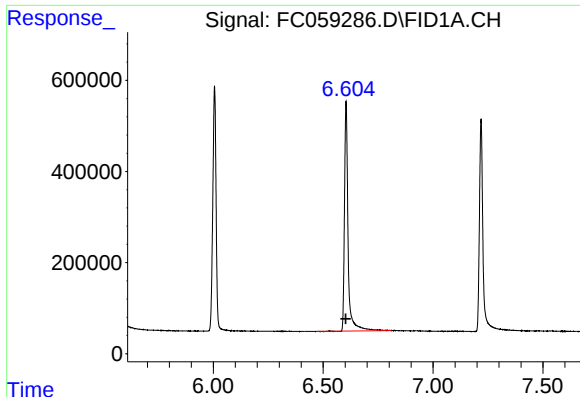
#3 A~Naphthalene (C11.7)

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 5788894
Conc: 46.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.006 min
Delta R.T.: 0.006 min
Response: 5591547
Conc: 43.78 ug/ml



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

R.T.: 6.604 min
Delta R.T.: 0.001 min
Response: 5745953
Conc: 44.82 ug/ml

Instrument :

FID_C

ClientSampleId :

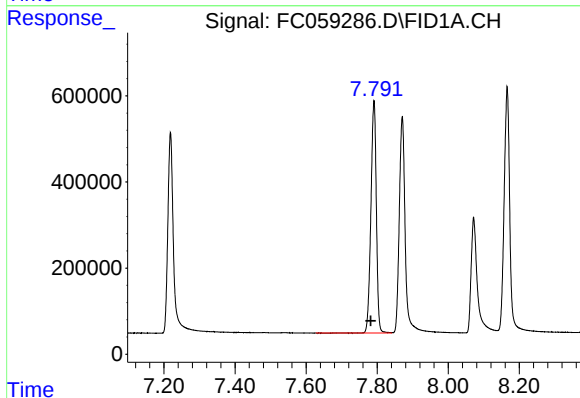
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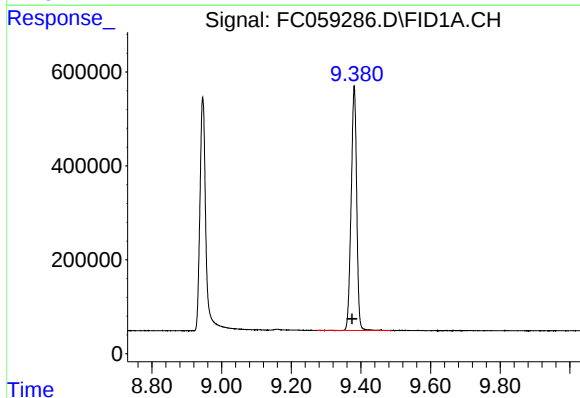
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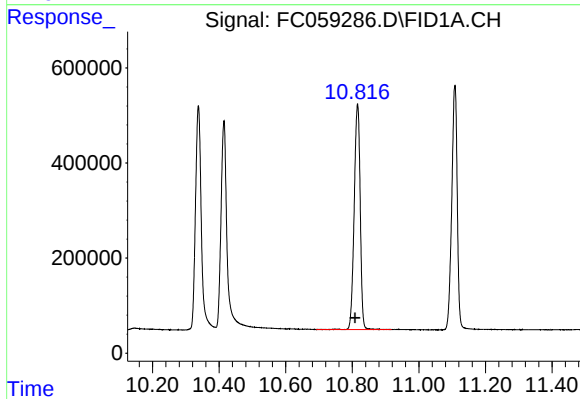
#6 n-Tetradecane (C14)

R.T.: 7.791 min
Delta R.T.: 0.008 min
Response: 5720135
Conc: 43.99 ug/ml



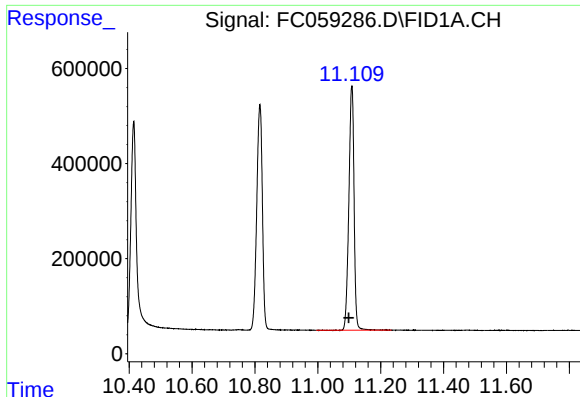
#7 n-Hexadecane (C16)

R.T.: 9.380 min
Delta R.T.: 0.006 min
Response: 5731933
Conc: 43.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.815 min
Delta R.T.: 0.007 min
Response: 5918241
Conc: 44.51 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.107 min
Delta R.T.: 0.009 min
Response: 5901131
Conc: 40.96 ug/ml

Instrument :

FID_C

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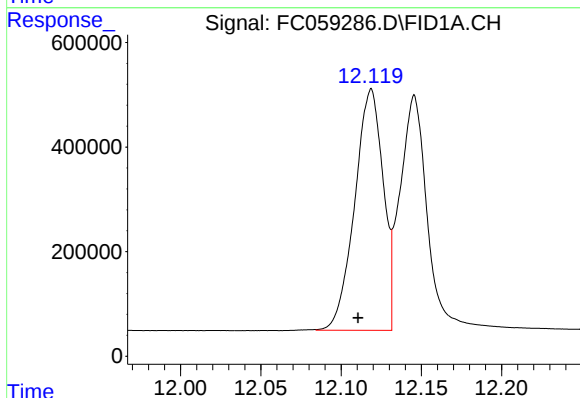
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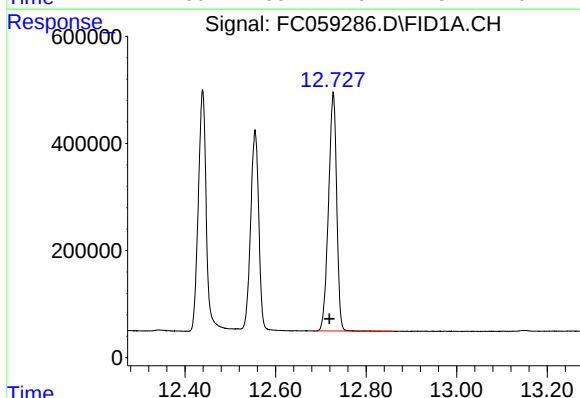
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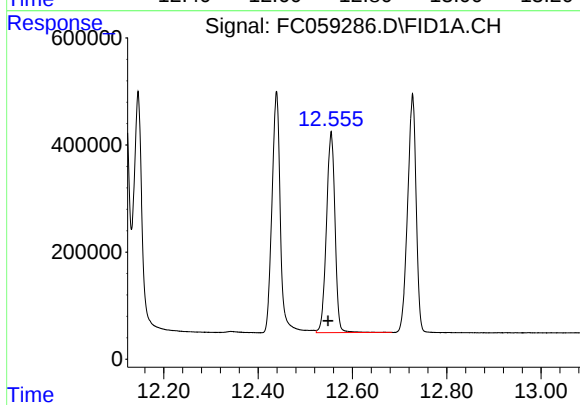
#10 n-Eicosane (C20)

R.T.: 12.119 min
Delta R.T.: 0.008 min
Response: 5704706
Conc: 43.54 ug/ml m



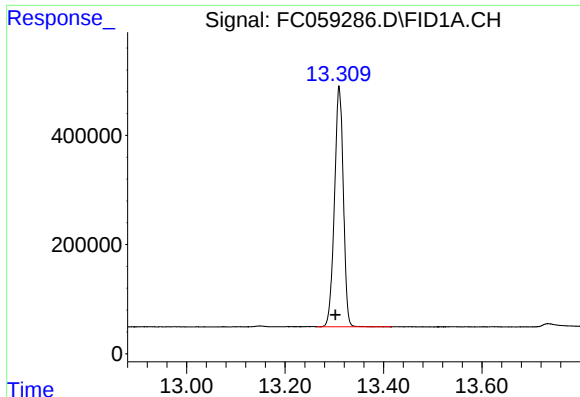
#11 n-Heneicosane (C21)

R.T.: 12.727 min
Delta R.T.: 0.007 min
Response: 5576461
Conc: 42.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.555 min
Delta R.T.: 0.006 min
Response: 4724444
Conc: 42.15 ug/ml



#13 n-Docosane (C22)

R.T.: 13.310 min
Delta R.T.: 0.007 min
Response: 5496149
Conc: 42.43 ug/ml

Instrument :

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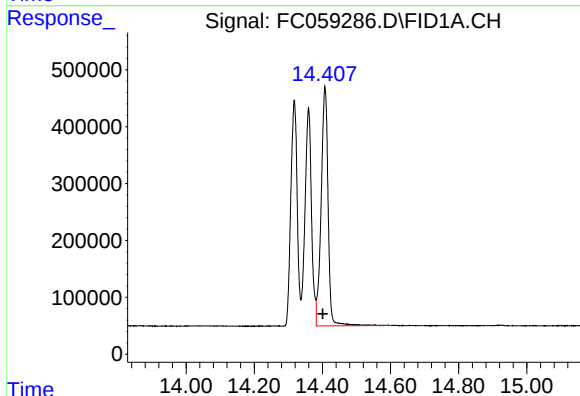
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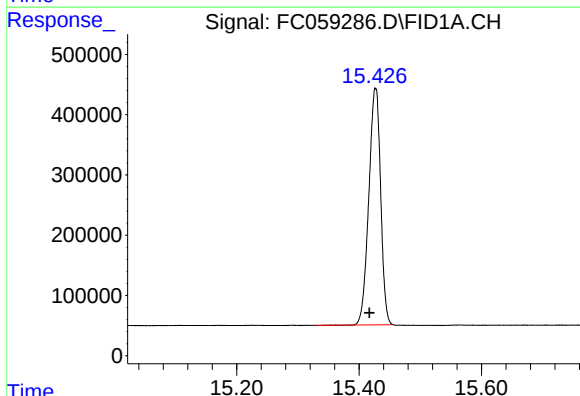
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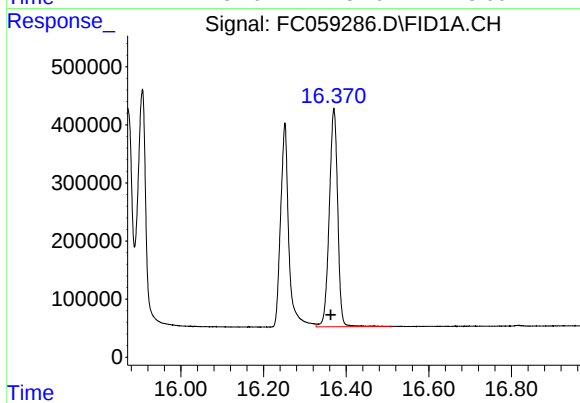
#14 n-Tetracosane (C24)

R.T.: 14.407 min
Delta R.T.: 0.006 min
Response: 5920157
Conc: 46.86 ug/ml



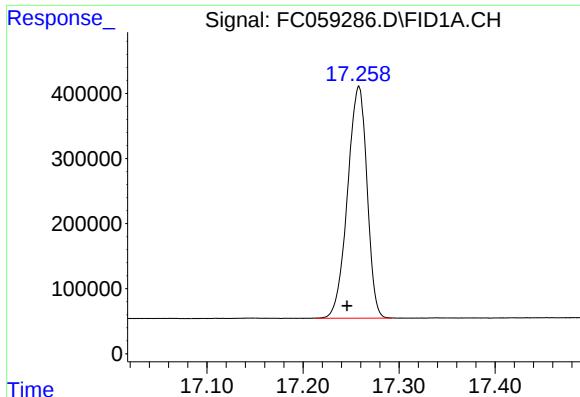
#15 n-Hexacosane (C26)

R.T.: 15.426 min
Delta R.T.: 0.009 min
Response: 5274496
Conc: 43.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.370 min
Delta R.T.: 0.007 min
Response: 5307297
Conc: 44.82 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.258 min
Delta R.T.: 0.012 min
Response: 5023175
Conc: 44.03 ug/ml

Instrument :

FID_C

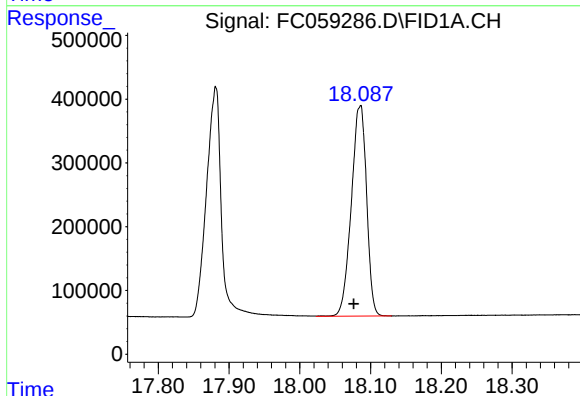
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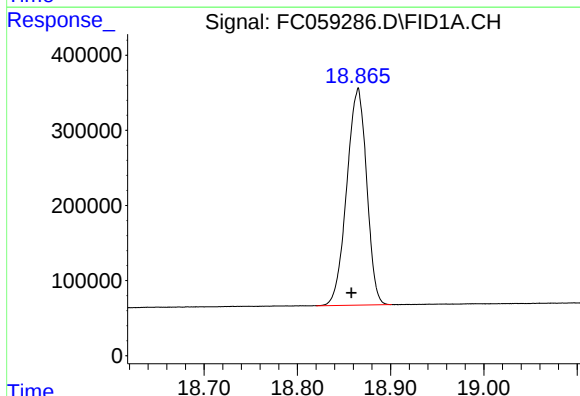
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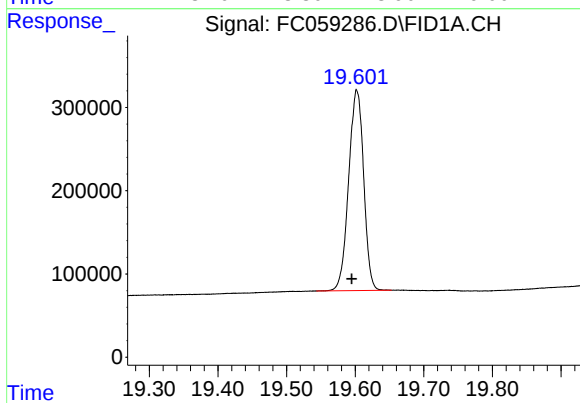
#18 n-Dotriacontane (C32)

R.T.: 18.084 min
Delta R.T.: 0.008 min
Response: 4951307
Conc: 46.22 ug/ml



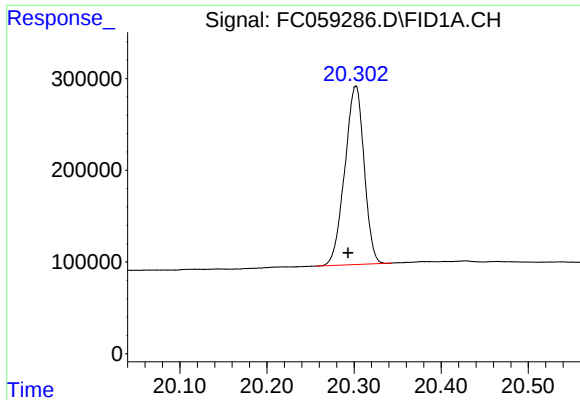
#19 n-Tetratriacontane (C34)

R.T.: 18.865 min
Delta R.T.: 0.007 min
Response: 4281450
Conc: 42.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.602 min
Delta R.T.: 0.007 min
Response: 3670206
Conc: 38.41 ug/ml



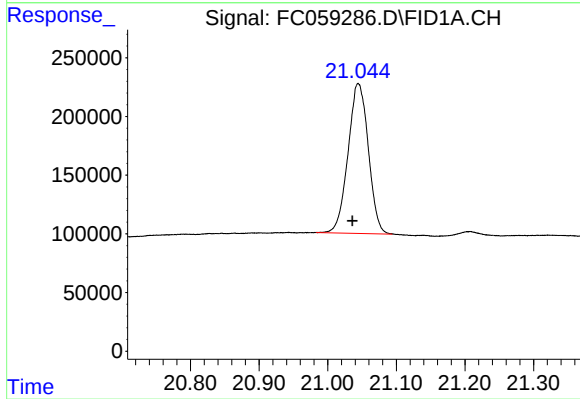
#21 n-Octatriacontane (C38)

R.T.: 20.301 min
Delta R.T.: 0.008 min
Response: 2994332
Conc: 32.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.045 min
Delta R.T.: 0.009 min
Response: 2614364
Conc: 28.13 ug/ml