

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040622AL\
 Data File : FC059094.D
 Signal(s) : FID1A.CH
 Acq On : 06 Apr 2022 23:23
 Operator : UA/NP
 Sample : N2276-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2022
 Supervised By :mohammad ahmed 04/07/2022

Integration File: sample.E
 Quant Time: Apr 07 02:00:01 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)	11.101	4295755	29.815 ug/mlm
Spiked Amount 50.000		Recovery =	59.63%
12) S 1-chlorooctadecane (S...	12.548	3172981	28.306 ug/mlm
Spiked Amount 50.000		Recovery =	56.61%
Target Compounds			
1) T n-Nonane (C9)	2.985	6295387	51.372 ug/ml
2) T n-Decane (C10)	4.016	6385692	52.109 ug/ml
3) T A~Naphthalene (C11.7)	5.554	7320555	58.306 ug/ml
4) T n-Dodecane (C12)	6.004	6882621	53.885 ug/ml
5) T A~2-methylnaphthalene...	6.599	7065525	55.114 ug/ml
6) T n-Tetradecane (C14)	7.787	6890699	52.997 ug/ml
7) T n-Hexadecane (C16)	9.377	6857985	51.644 ug/ml
8) T n-Octadecane (C18)	10.811	6989702	52.572 ug/ml
10) T n-Eicosane (C20)	12.117	7412954	56.577 ug/mlm
11) T n-Heneicosane (C21)	12.722	6655893	51.011 ug/ml
13) T n-Docosane (C22)	13.307	6570531	50.720 ug/mlm
14) T n-Tetracosane (C24)	14.404	7056360	55.859 ug/ml
15) T n-Hexacosane (C26)	15.423	6301023	52.164 ug/ml
16) T n-Octacosane (C28)	16.369	6387911	53.947 ug/mlm
17) T n-Tricontane (C30)	17.253	6245027	54.744 ug/mlm
18) T n-Dotriacontane (C32)	18.081	6385682	59.607 ug/mlm
19) T n-Tetratriacontane (C34)	18.861	6357834	62.926 ug/mlm
20) T n-Hexatriacontane (C36)	19.600	6312836	66.069 ug/ml
21) T n-Octatriacontane (C38)	20.299	10121202	109.991 ug/mlm
22) T n-Tetracontane (C40)	21.043	6334730	68.160 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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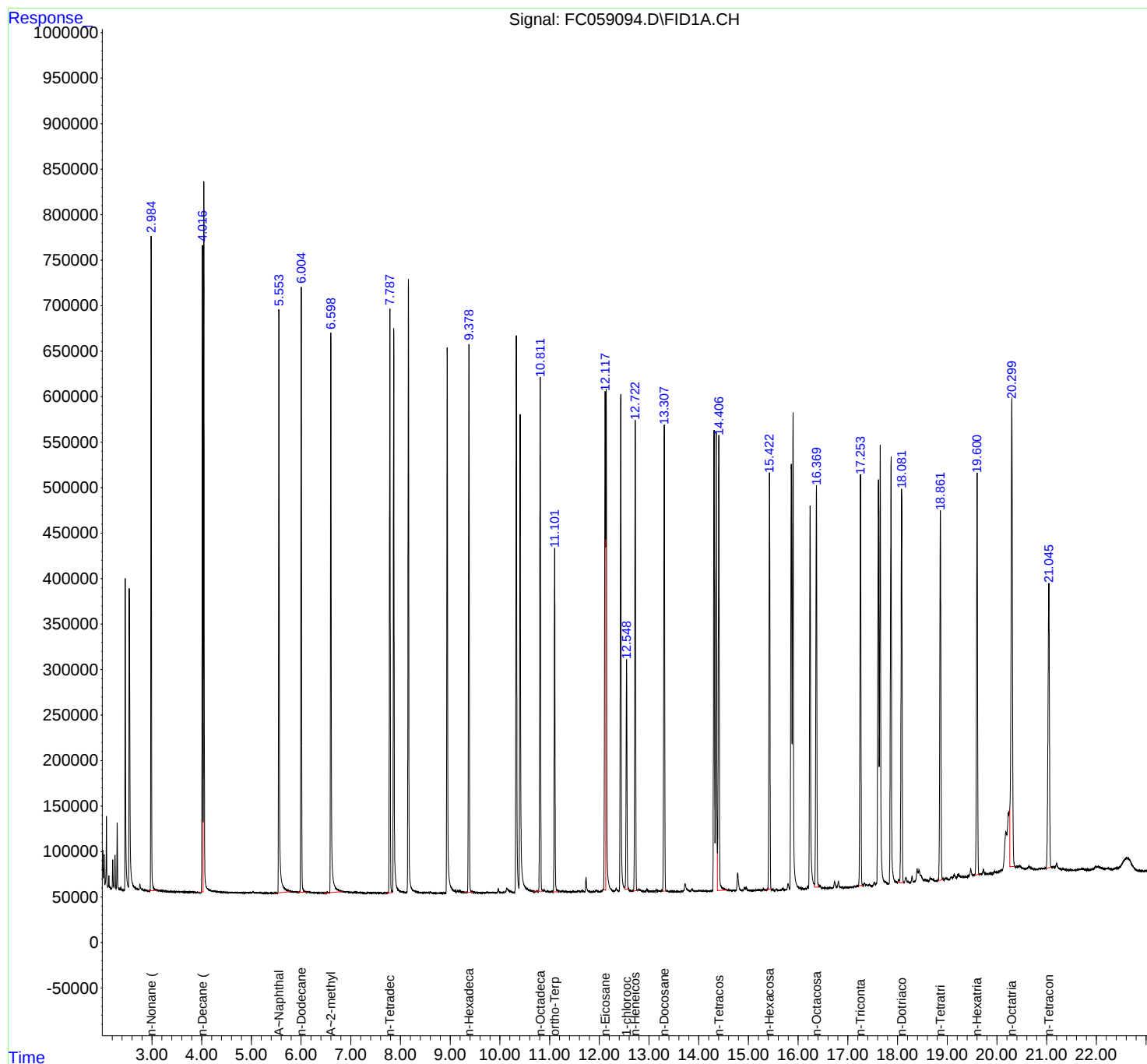
Instrument :
FID_C
ClientSampleId :
5MS

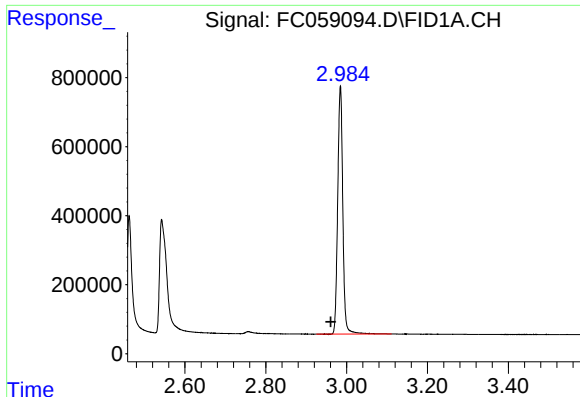
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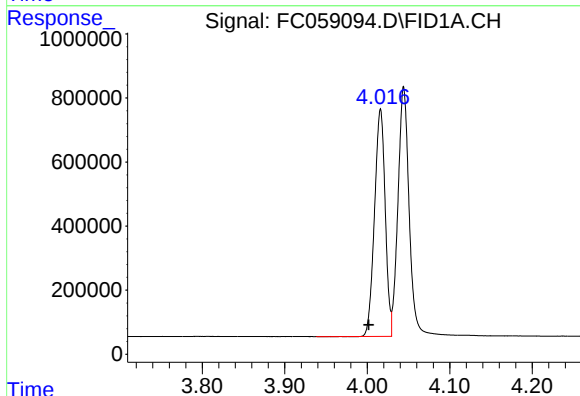
#1 n-Nonane (C9)

R.T.: 2.985 min
Delta R.T.: 0.024 min
Response: 6295387
Conc: 51.37 ug/ml

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SMS

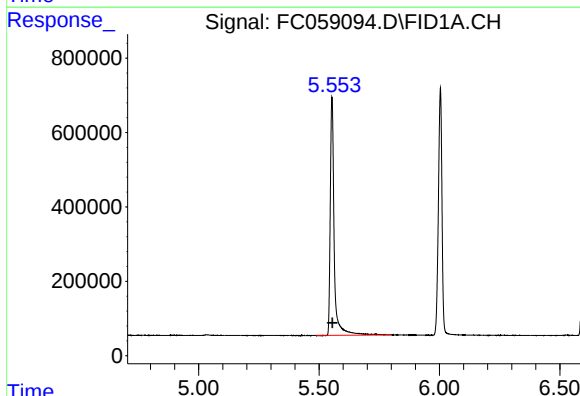
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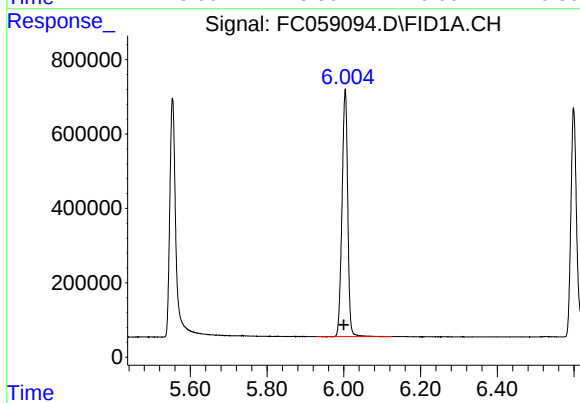
#2 n-Decane (C10)

R.T.: 4.016 min
Delta R.T.: 0.014 min
Response: 6385692
Conc: 52.11 ug/ml



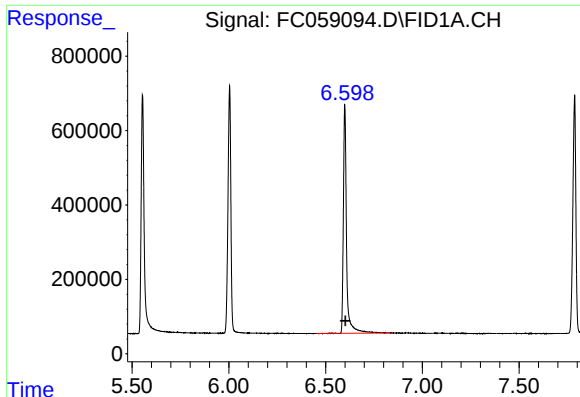
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.002 min
Response: 7320555
Conc: 58.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 6882621
Conc: 53.89 ug/ml



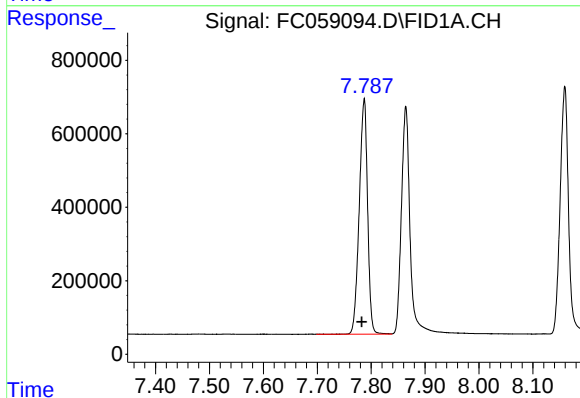
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 7065525
Conc: 55.11 ug/ml

Instrument :
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ClientSampleId :
SMS

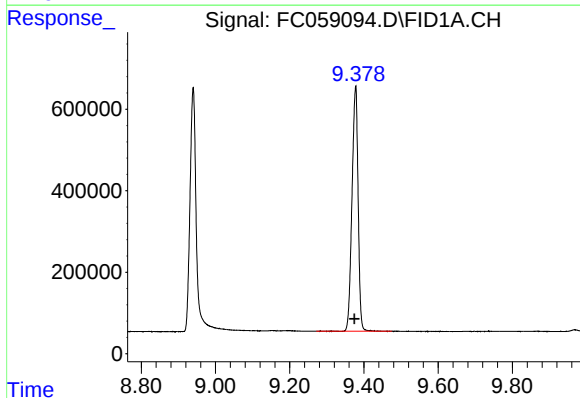
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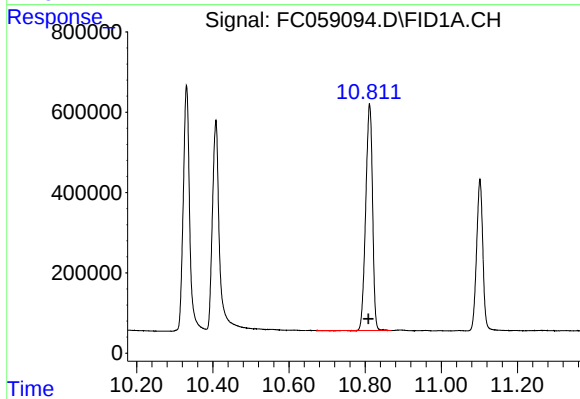
#6 n-Tetradecane (C14)

R.T.: 7.787 min
Delta R.T.: 0.004 min
Response: 6890699
Conc: 53.00 ug/ml



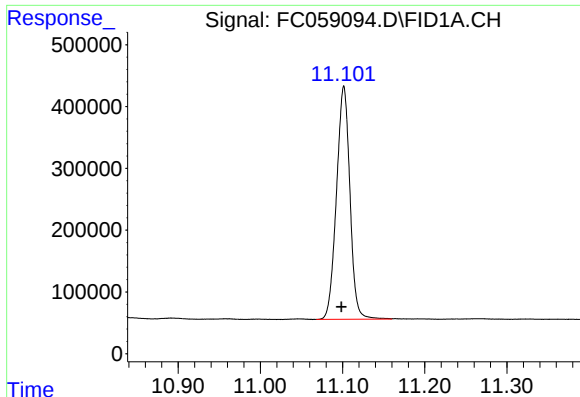
#7 n-Hexadecane (C16)

R.T.: 9.377 min
Delta R.T.: 0.002 min
Response: 6857985
Conc: 51.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.811 min
Delta R.T.: 0.002 min
Response: 6989702
Conc: 52.57 ug/ml



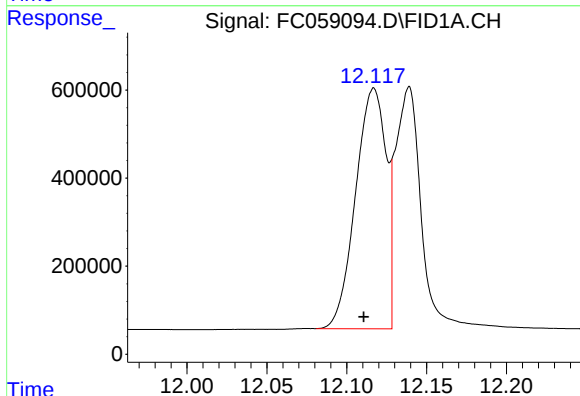
#9 ortho-Terphenyl (SURR)

R.T.: 11.101 min
Delta R.T.: 0.003 min
Response: 4295755
Conc: 29.81 ug/ml

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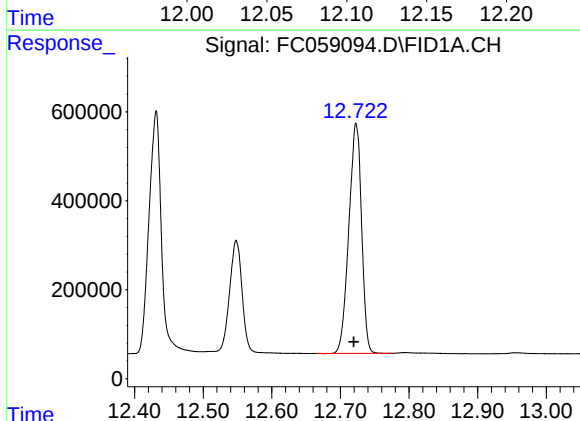
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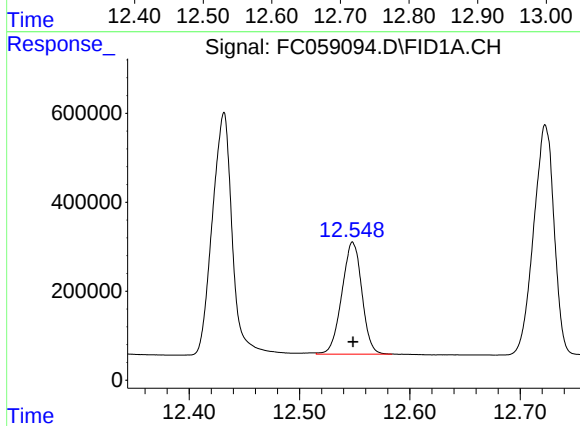
#10 n-Eicosane (C20)

R.T.: 12.117 min
Delta R.T.: 0.006 min
Response: 7412954
Conc: 56.58 ug/ml m



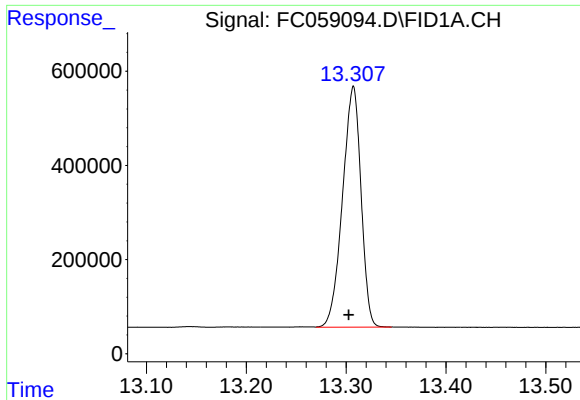
#11 n-Heneicosane (C21)

R.T.: 12.722 min
Delta R.T.: 0.003 min
Response: 6655893
Conc: 51.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.548 min
Delta R.T.: 0.000 min
Response: 3172981
Conc: 28.31 ug/ml m



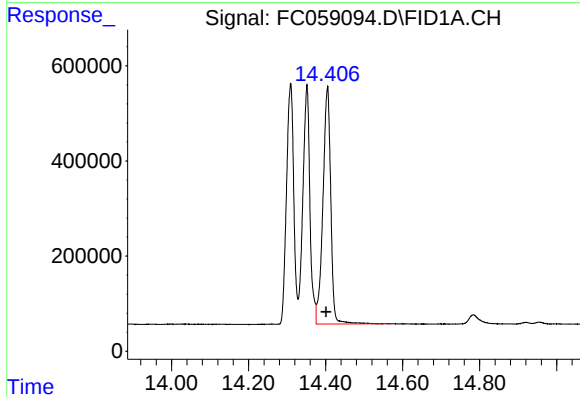
#13 n-Docosane (C22)

R.T.: 13.307 min
Delta R.T.: 0.004 min
Response: 6570531
Conc: 50.72 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS

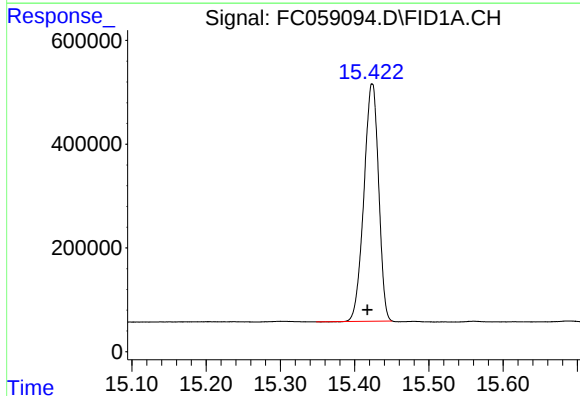
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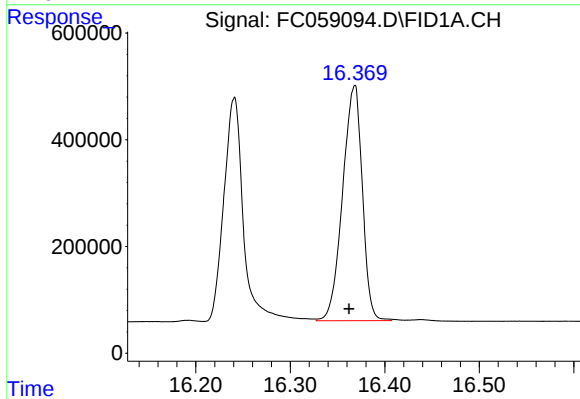
#14 n-Tetracosane (C24)

R.T.: 14.404 min
Delta R.T.: 0.003 min
Response: 7056360
Conc: 55.86 ug/ml



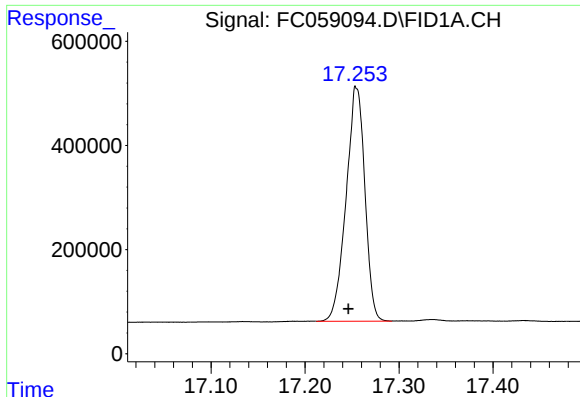
#15 n-Hexacosane (C26)

R.T.: 15.423 min
Delta R.T.: 0.006 min
Response: 6301023
Conc: 52.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.369 min
Delta R.T.: 0.006 min
Response: 6387911
Conc: 53.95 ug/ml m



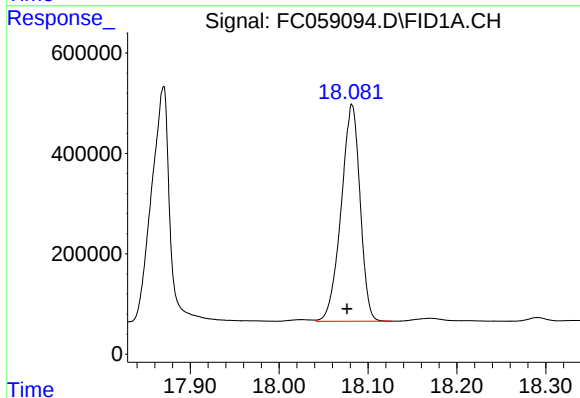
#17 n-Tricontane (C30)

R.T.: 17.253 min
Delta R.T.: 0.007 min
Response: 6245027
Conc: 54.74 ug/ml

Instrument :
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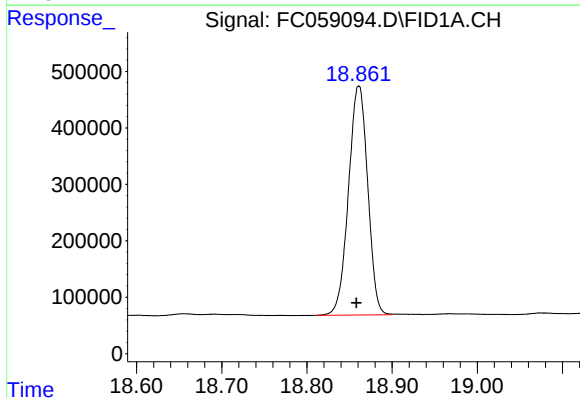
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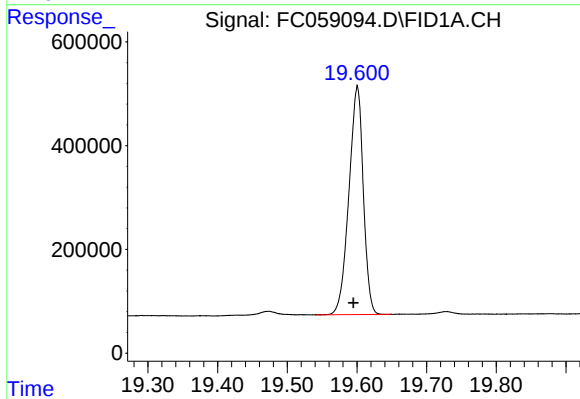
#18 n-Dotriacontane (C32)

R.T.: 18.081 min
Delta R.T.: 0.005 min
Response: 6385682
Conc: 59.61 ug/ml m



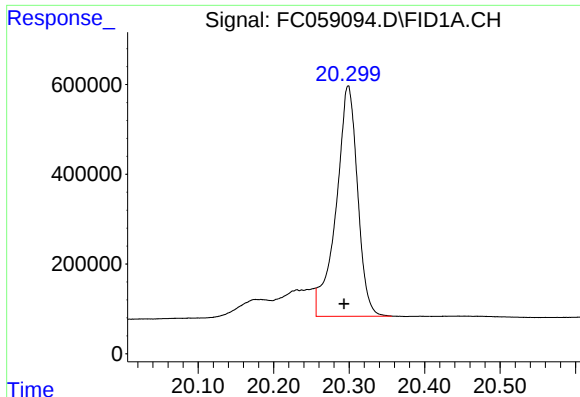
#19 n-Tetratriacontane (C34)

R.T.: 18.861 min
Delta R.T.: 0.003 min
Response: 6357834
Conc: 62.93 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.600 min
Delta R.T.: 0.005 min
Response: 6312836
Conc: 66.07 ug/ml



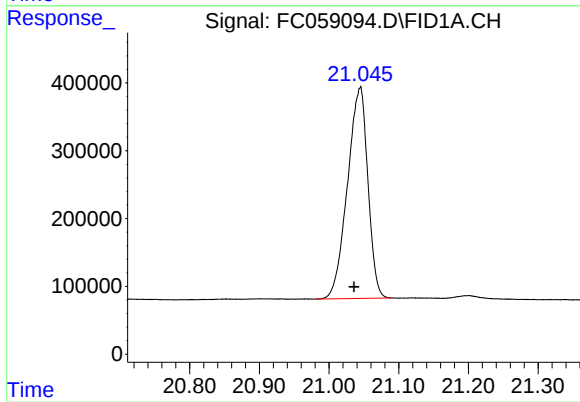
#21 n-Octatriacontane (C38)

R.T.: 20.299 min
Delta R.T.: 0.006 min
Response: 10121202
Conc: 109.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.043 min
Delta R.T.: 0.007 min
Response: 6334730
Conc: 68.16 ug/ml