

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040622AL\
 Data File : FC059097.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2022 1:22
 Operator : UA/NP
 Sample : PB143924BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB143924BS

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 02:00:37 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)	11.103	6239425	43.305 ug/ml
Spiked Amount 50.000		Recovery =	86.61%
12) S 1-chlorooctadecane (S...	12.550	5066678	45.200 ug/ml
Spiked Amount 50.000		Recovery =	90.40%
Target Compounds			
1) T n-Nonane (C9)	2.975	5379248	43.896 ug/ml
2) T n-Decane (C10)	4.010	5489669	44.797 ug/ml
3) T A~Naphthalene (C11.7)	5.551	6482040	51.627 ug/ml
4) T n-Dodecane (C12)	6.003	6261302	49.021 ug/ml
5) T A~2-methylnaphthalene...	6.599	6607298	51.540 ug/ml
6) T n-Tetradecane (C14)	7.788	6830315	52.532 ug/ml
7) T n-Hexadecane (C16)	9.378	7161902	53.933 ug/ml
8) T n-Octadecane (C18)	10.812	7279392	54.751 ug/ml
10) T n-Eicosane (C20)	12.116	7497854	57.225 ug/mlm
11) T n-Heneicosane (C21)	12.723	6887805	52.789 ug/ml
13) T n-Docosane (C22)	13.307	6798204	52.478 ug/ml
14) T n-Tetracosane (C24)	14.405	7157633	56.661 ug/ml
15) T n-Hexacosane (C26)	15.424	6316996	52.296 ug/ml
16) T n-Octacosane (C28)	16.366	6389830	53.963 ug/ml
17) T n-Tricontane (C30)	17.252	6092323	53.405 ug/mlm
18) T n-Dotriacontane (C32)	18.080	6052430	56.496 ug/ml
19) T n-Tetratriacontane (C34)	18.861	6077682	60.153 ug/ml
20) T n-Hexatriacontane (C36)	19.599	6073849	63.568 ug/ml
21) T n-Octatriacontane (C38)	20.297	5989851	65.094 ug/ml
22) T n-Tetracontane (C40)	21.042	6131479	65.973 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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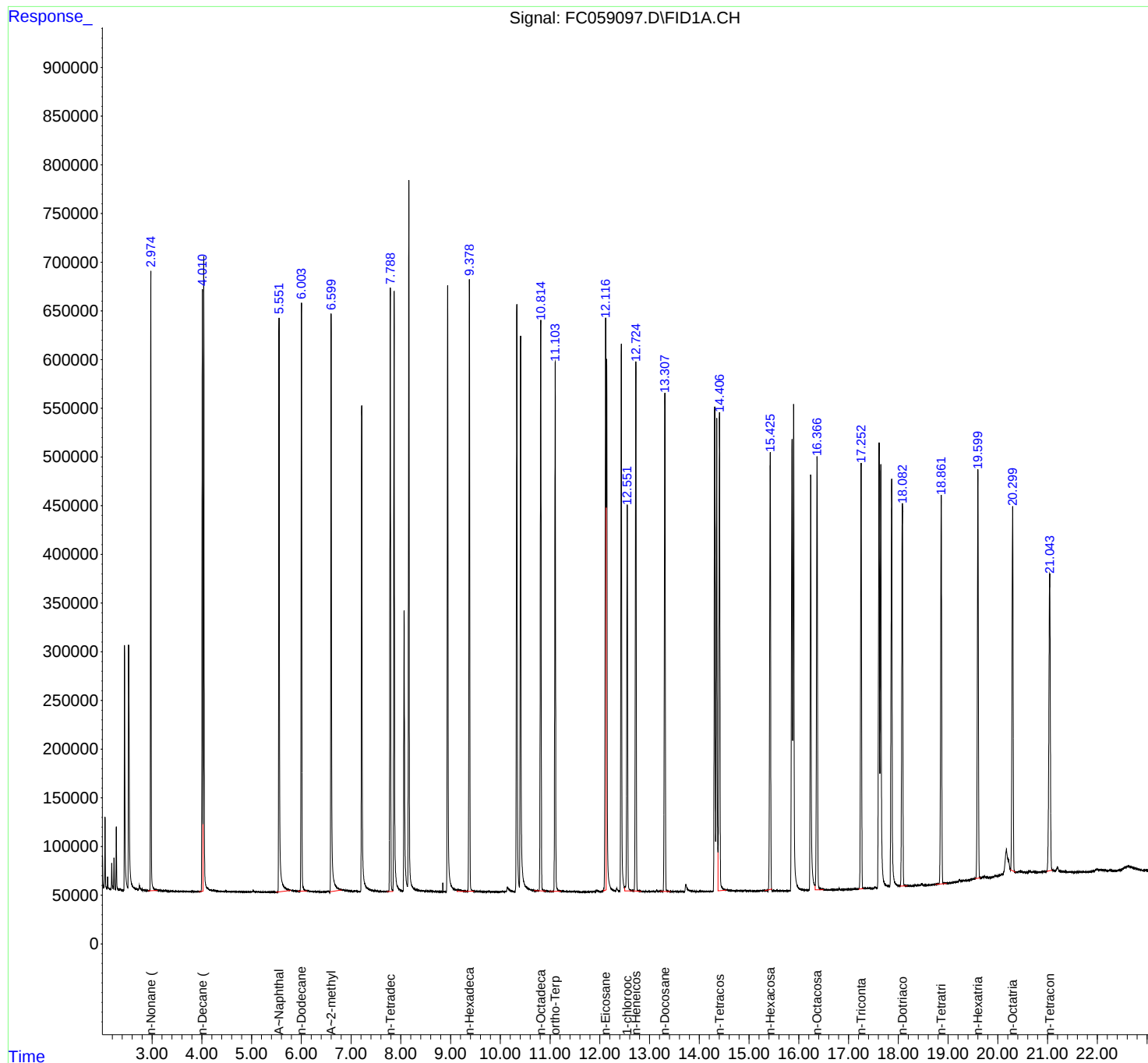
Response via : Initial Calibration

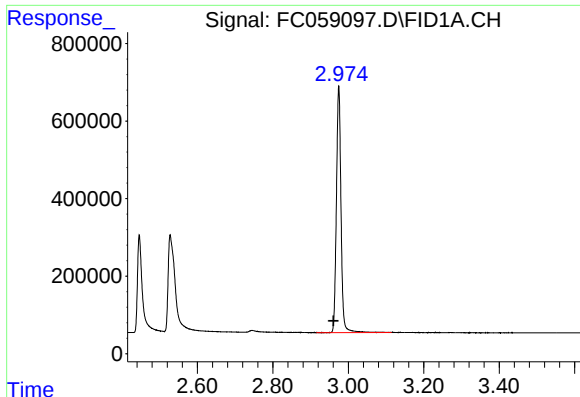
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Signal Phase : Rxi-1ms

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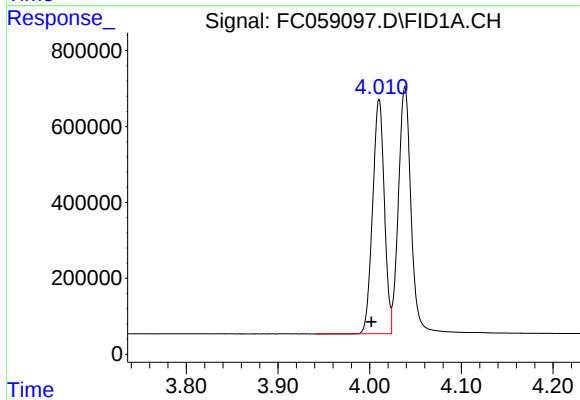
#1 n-Nonane (C9)

R.T.: 2.975 min
Delta R.T.: 0.014 min
Response: 5379248
Conc: 43.90 ug/ml

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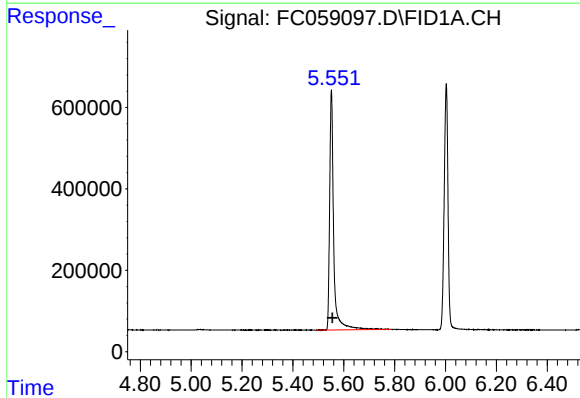
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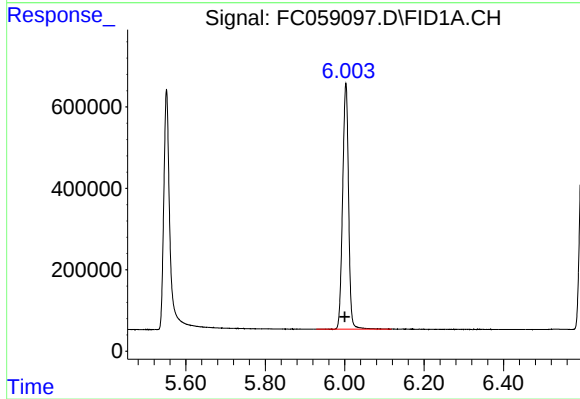
#2 n-Decane (C10)

R.T.: 4.010 min
Delta R.T.: 0.008 min
Response: 5489669
Conc: 44.80 ug/ml



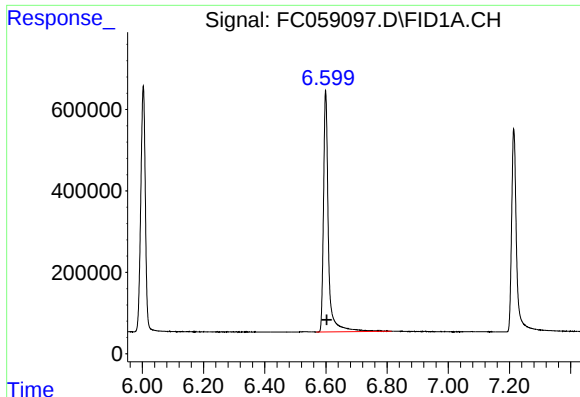
#3 A~Naphthalene (C11.7)

R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 6482040
Conc: 51.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 6261302
Conc: 49.02 ug/ml



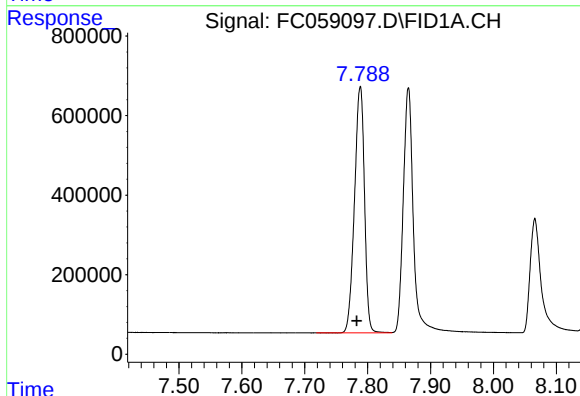
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 6607298
Conc: 51.54 ug/ml

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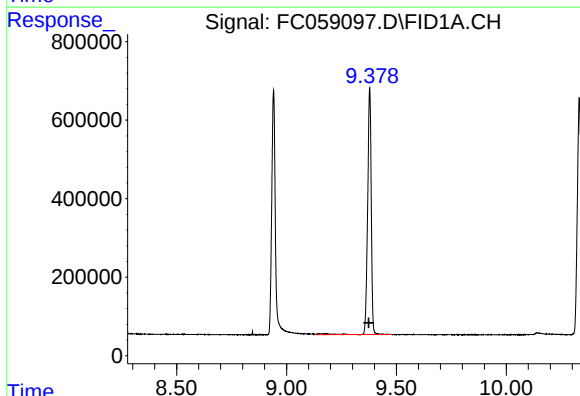
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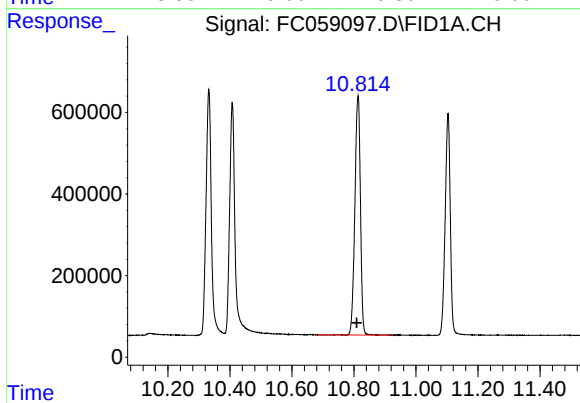
#6 n-Tetradecane (C14)

R.T.: 7.788 min
Delta R.T.: 0.005 min
Response: 6830315
Conc: 52.53 ug/ml



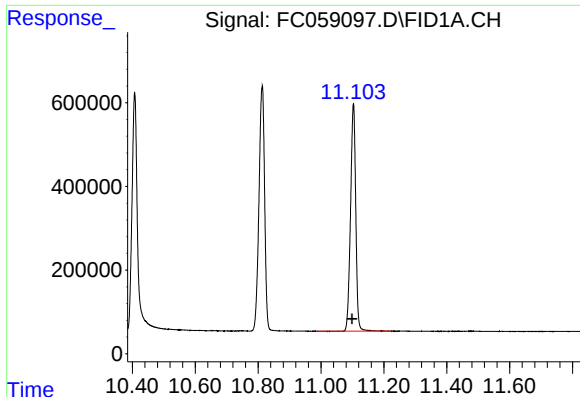
#7 n-Hexadecane (C16)

R.T.: 9.378 min
Delta R.T.: 0.003 min
Response: 7161902
Conc: 53.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.812 min
Delta R.T.: 0.004 min
Response: 7279392
Conc: 54.75 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.103 min
Delta R.T.: 0.004 min
Response: 6239425
Conc: 43.30 ug/ml

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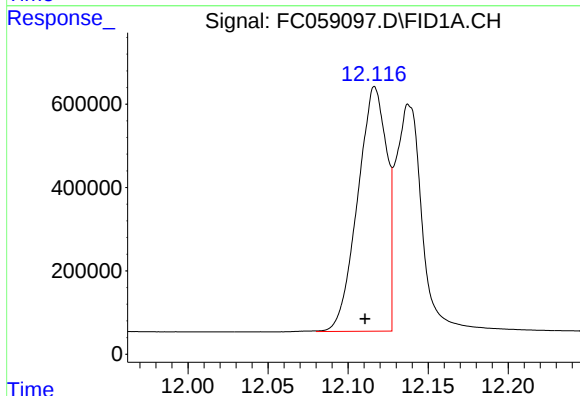
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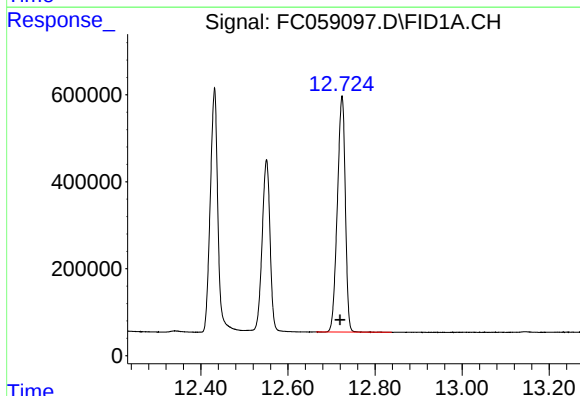
Reviewed By :Yogesh Patel 04/07/2022

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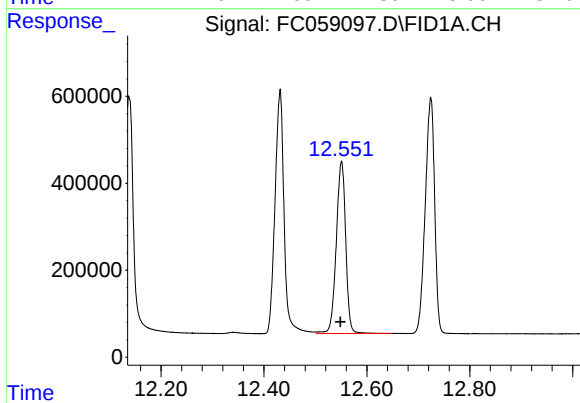
#10 n-Eicosane (C20)

R.T.: 12.116 min
Delta R.T.: 0.006 min
Response: 7497854
Conc: 57.23 ug/ml m



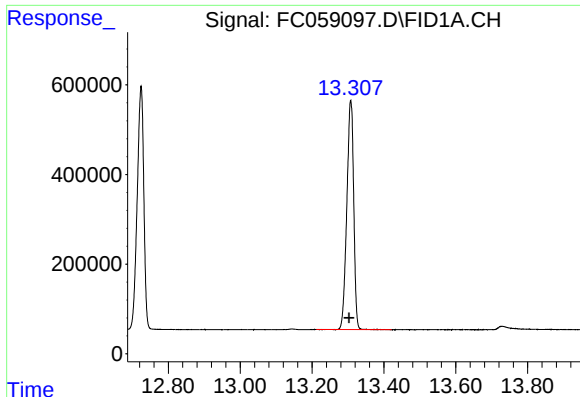
#11 n-Heneicosane (C21)

R.T.: 12.723 min
Delta R.T.: 0.004 min
Response: 6887805
Conc: 52.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.550 min
Delta R.T.: 0.002 min
Response: 5066678
Conc: 45.20 ug/ml



#13 n-Docosane (C22)

R.T.: 13.307 min
Delta R.T.: 0.005 min
Response: 6798204
Conc: 52.48 ug/ml

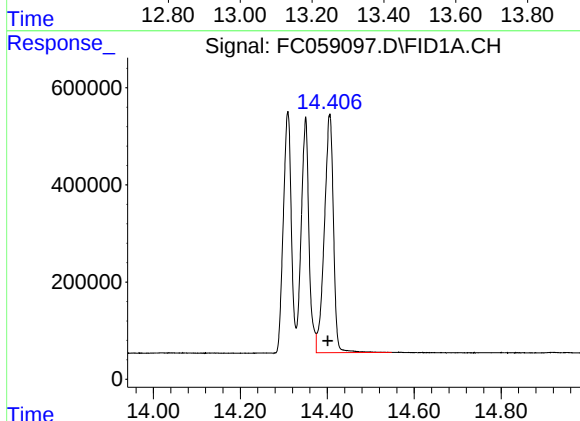
Instrument :

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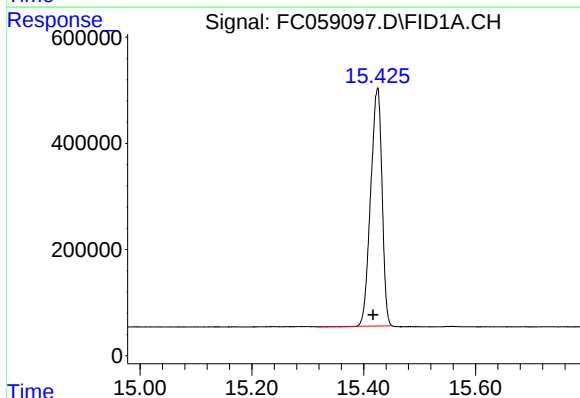
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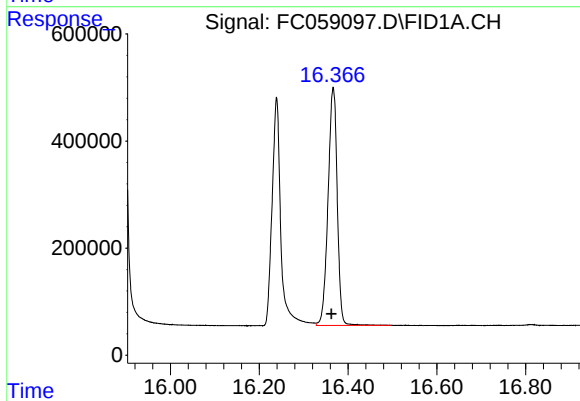
#14 n-Tetracosane (C24)

R.T.: 14.405 min
Delta R.T.: 0.004 min
Response: 7157633
Conc: 56.66 ug/ml



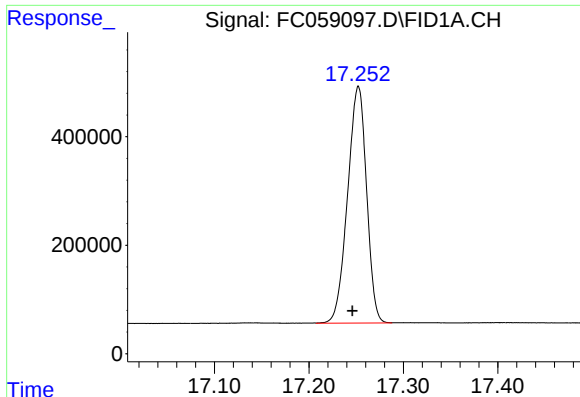
#15 n-Hexacosane (C26)

R.T.: 15.424 min
Delta R.T.: 0.006 min
Response: 6316996
Conc: 52.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.366 min
Delta R.T.: 0.003 min
Response: 6389830
Conc: 53.96 ug/ml



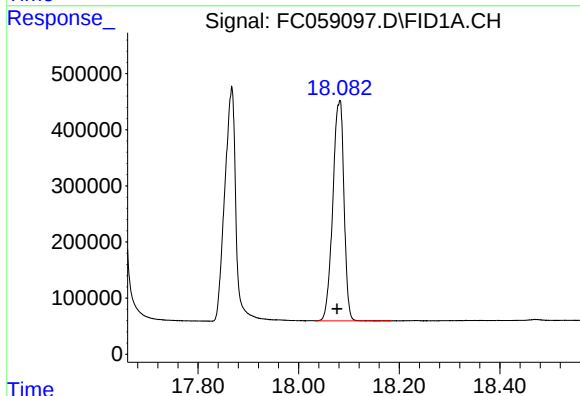
#17 n-Tricontane (C30)

R.T.: 17.252 min
Delta R.T.: 0.006 min
Response: 6092323
Conc: 53.41 ug/ml

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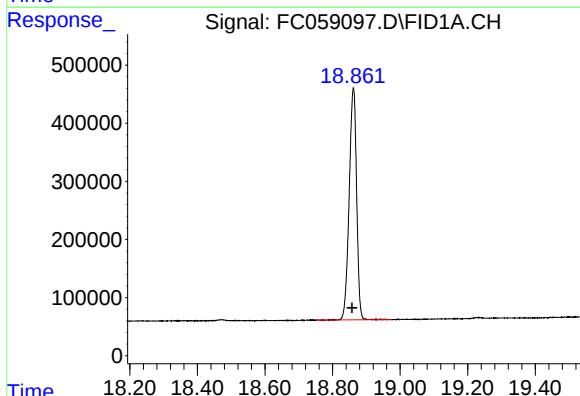
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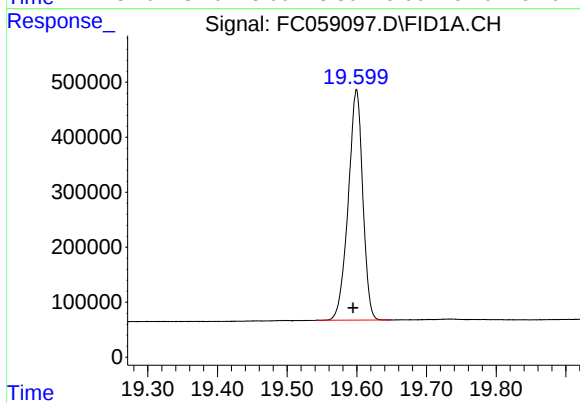
#18 n-Dotriacontane (C32)

R.T.: 18.080 min
Delta R.T.: 0.003 min
Response: 6052430
Conc: 56.50 ug/ml



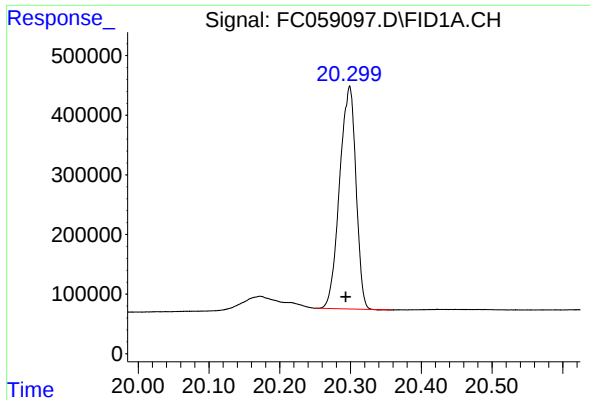
#19 n-Tetratriacontane (C34)

R.T.: 18.861 min
Delta R.T.: 0.003 min
Response: 6077682
Conc: 60.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.599 min
Delta R.T.: 0.004 min
Response: 6073849
Conc: 63.57 ug/ml



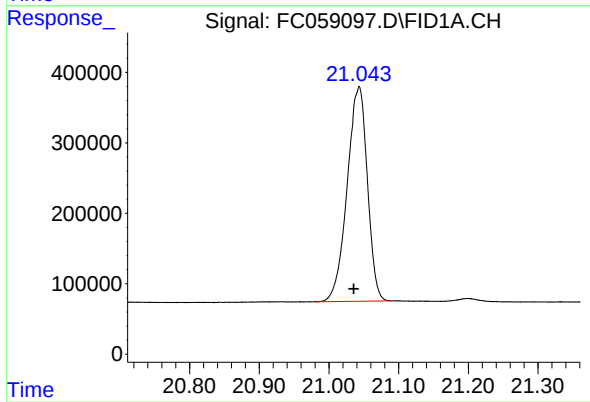
#21 n-Octatriacontane (C38)

R.T.: 20.297 min
Delta R.T.: 0.004 min
Response: 5989851
Conc: 65.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.042 min
Delta R.T.: 0.006 min
Response: 6131479
Conc: 65.97 ug/ml