

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059220.D
 Signal(s) : FID1A.CH
 Acq On : 14 Apr 2022 8:06
 Operator : UA/NP
 Sample : N2379-07MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/14/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e
 Quant Time: Apr 14 09:24:33 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	4991135	34.641 ug/ml
Spiked Amount 50.000		Recovery =	69.28%
12) S 1-chlorooctadecane (S...	12.548	3728573	33.263 ug/mlm
Spiked Amount 50.000		Recovery =	66.53%
Target Compounds			
1) T n-Nonane (C9)	2.982	5528590	45.114 ug/ml
2) T n-Decane (C10)	4.015	5714380	46.631 ug/ml
3) T A~Naphthalene (C11.7)	5.555	6170612	49.147 ug/ml
4) T n-Dodecane (C12)	6.005	5913320	46.296 ug/ml
5) T A~2-methylnaphthalene...	6.602	6077242	47.405 ug/ml
6) T n-Tetradecane (C14)	7.787	5995180	46.109 ug/ml
7) T n-Hexadecane (C16)	9.378	5988904	45.100 ug/ml
8) T n-Octadecane (C18)	10.812	6125251	46.070 ug/ml
10) T n-Eicosane (C20)	12.114	5968280	45.551 ug/ml
11) T n-Heneicosane (C21)	12.723	5745547	44.034 ug/ml
13) T n-Docosane (C22)	13.306	5632311	43.478 ug/mlm
14) T n-Tetracosane (C24)	14.404	6124391	48.482 ug/ml
15) T n-Hexacosane (C26)	15.422	5495067	45.492 ug/ml
16) T n-Octacosane (C28)	16.366	5337032	45.072 ug/mlm
17) T n-Tricontane (C30)	17.253	5349139	46.891 ug/mlm
18) T n-Dotriacontane (C32)	18.078	5524245	51.566 ug/mlm
19) T n-Tetratriacontane (C34)	18.860	5211816	51.583 ug/mlm
20) T n-Hexatriacontane (C36)	19.598	4976137	52.080 ug/ml
21) T n-Octatriacontane (C38)	20.295	5097737	55.399 ug/mlm
22) T n-Tetracontane (C40)	21.037	4742288	51.026 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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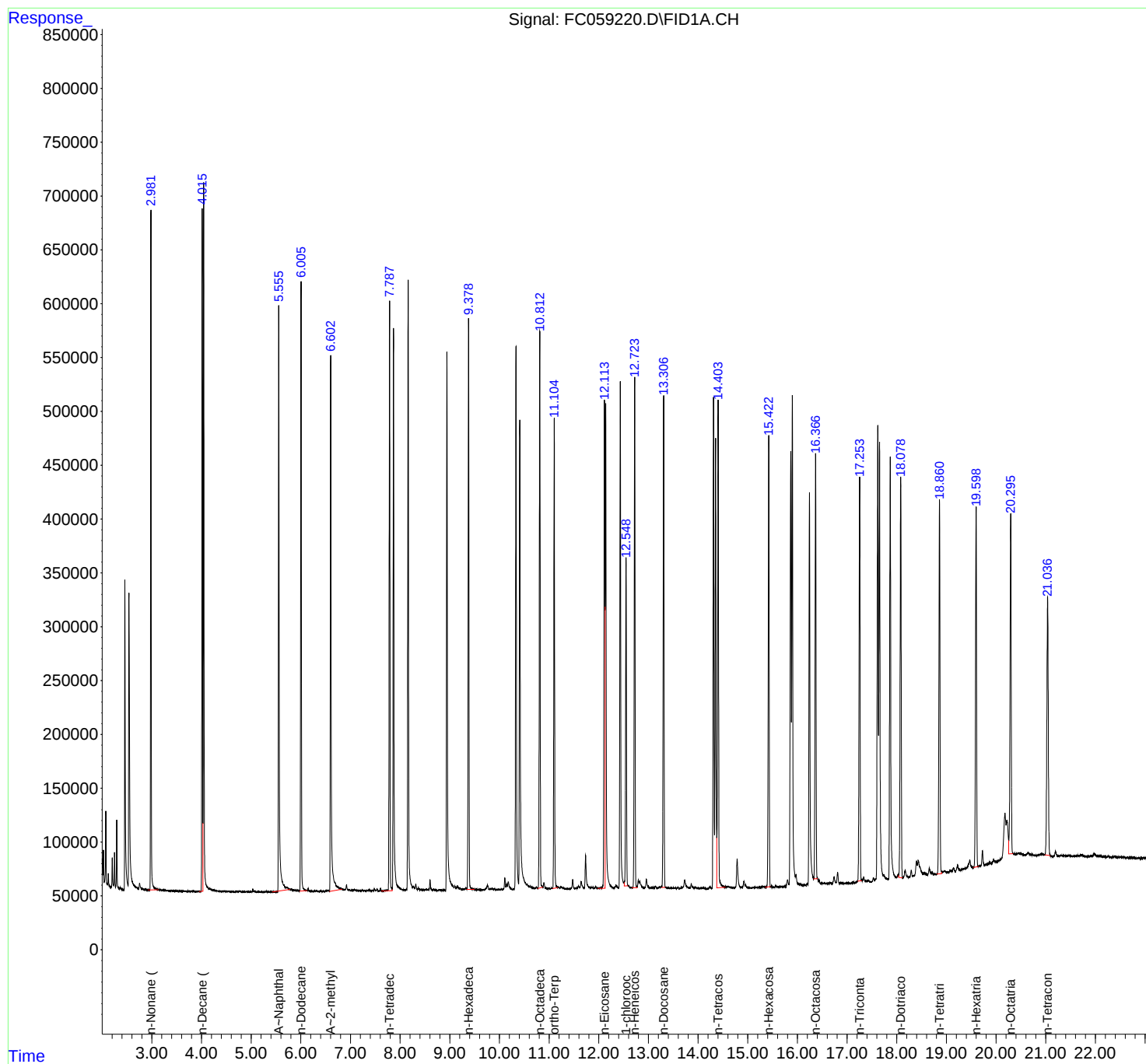
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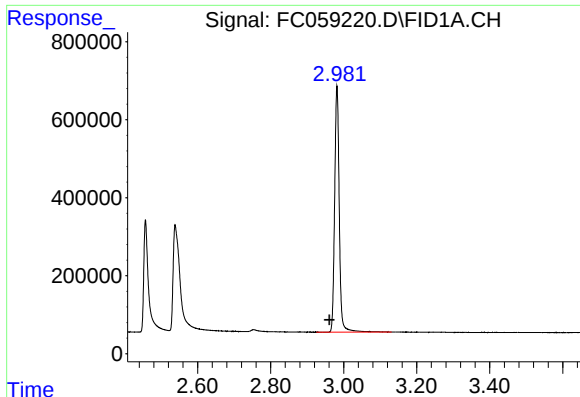
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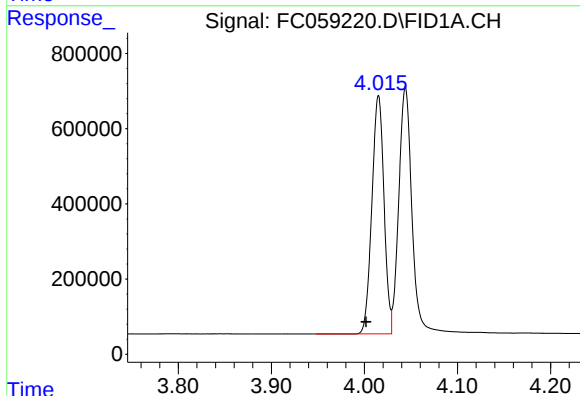
#1 n-Nonane (C9)

R.T.: 2.982 min
Delta R.T.: 0.021 min
Response: 5528590
Conc: 45.11 ug/ml

Instrument :
FID_C
ClientSampleId :
5MSD

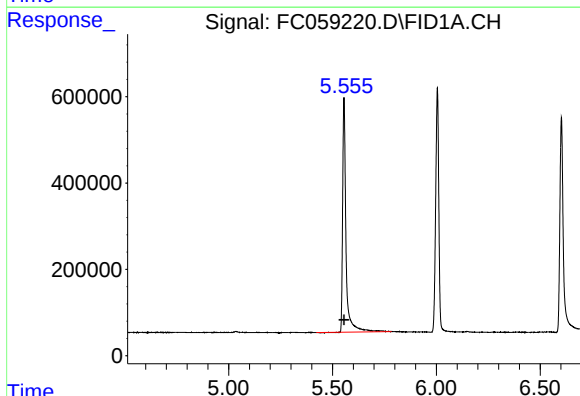
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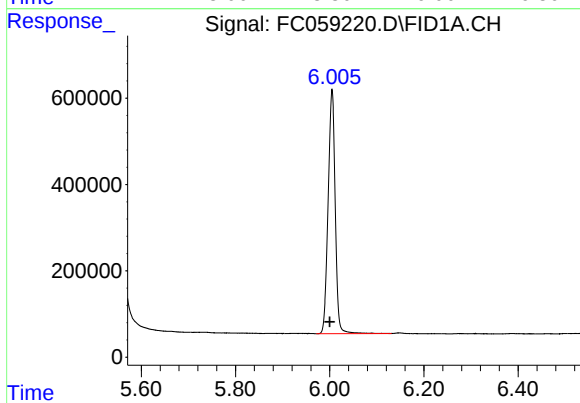
#2 n-Decane (C10)

R.T.: 4.015 min
Delta R.T.: 0.013 min
Response: 5714380
Conc: 46.63 ug/ml



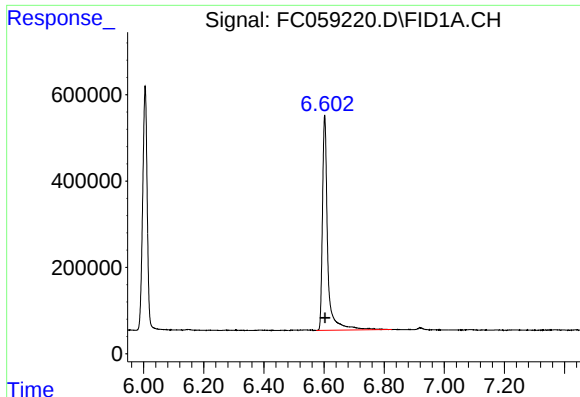
#3 A~Naphthalene (C11.7)

R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 6170612
Conc: 49.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.005 min
Delta R.T.: 0.005 min
Response: 5913320
Conc: 46.30 ug/ml



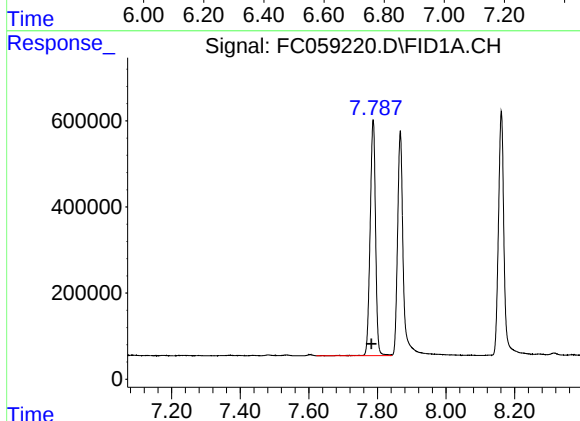
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 6077242
Conc: 47.41 ug/ml

Instrument :
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ClientSampleId :
5MSD

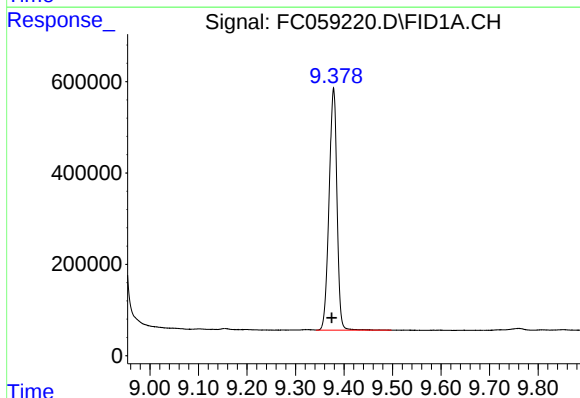
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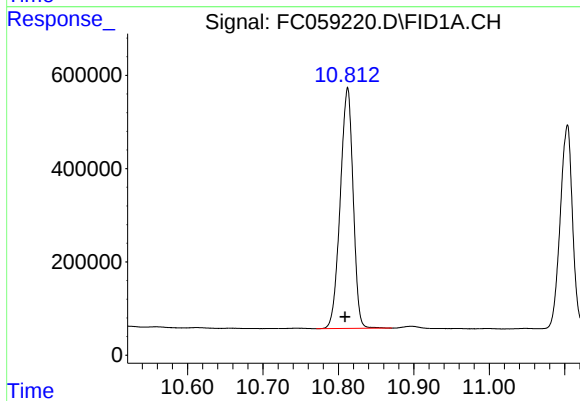
#6 n-Tetradecane (C14)

R.T.: 7.787 min
Delta R.T.: 0.005 min
Response: 5995180
Conc: 46.11 ug/ml



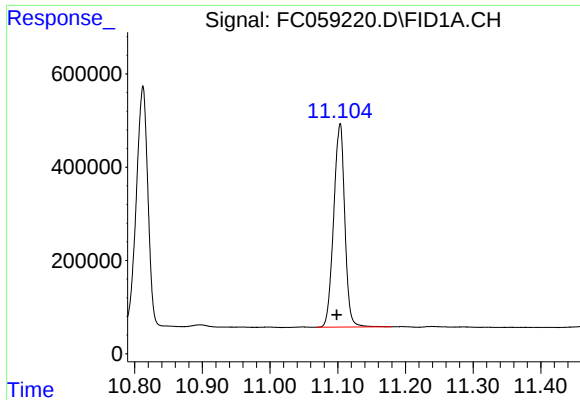
#7 n-Hexadecane (C16)

R.T.: 9.378 min
Delta R.T.: 0.004 min
Response: 5988904
Conc: 45.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.812 min
Delta R.T.: 0.003 min
Response: 6125251
Conc: 46.07 ug/ml



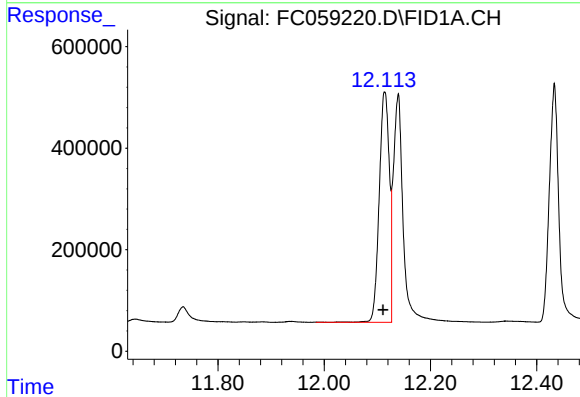
#9 ortho-Terphenyl (SURR)

R.T.: 11.103 min
Delta R.T.: 0.004 min
Response: 4991135
Conc: 34.64 ug/ml

Instrument :
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5MSD

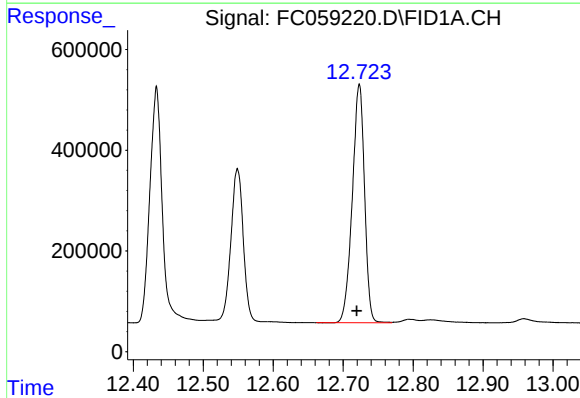
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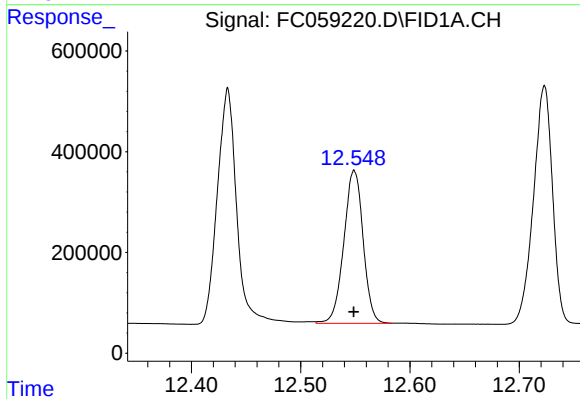
#10 n-Eicosane (C20)

R.T.: 12.114 min
Delta R.T.: 0.003 min
Response: 5968280
Conc: 45.55 ug/ml



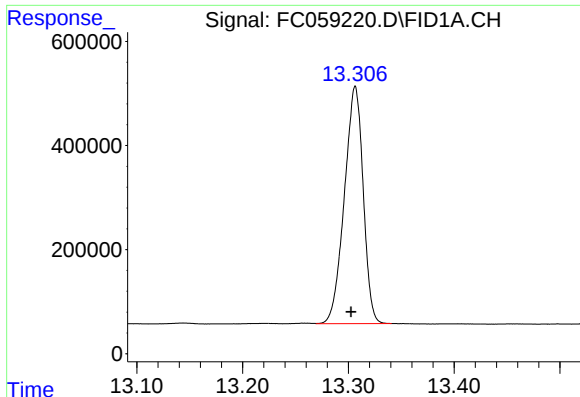
#11 n-Heneicosane (C21)

R.T.: 12.723 min
Delta R.T.: 0.004 min
Response: 5745547
Conc: 44.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.548 min
Delta R.T.: 0.000 min
Response: 3728573
Conc: 33.26 ug/ml m



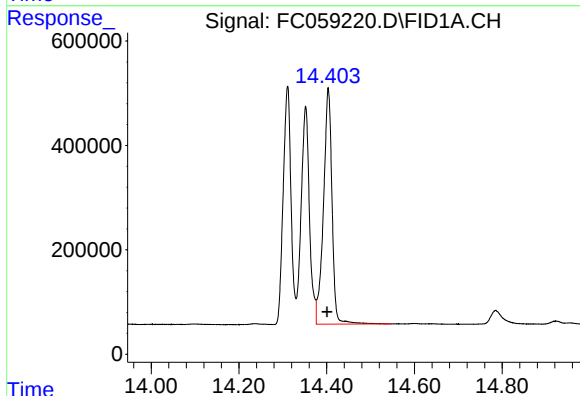
#13 n-Docosane (C22)

R.T.: 13.306 min
Delta R.T.: 0.004 min
Response: 5632311
Conc: 43.48 ug/ml

Instrument :
FID_C
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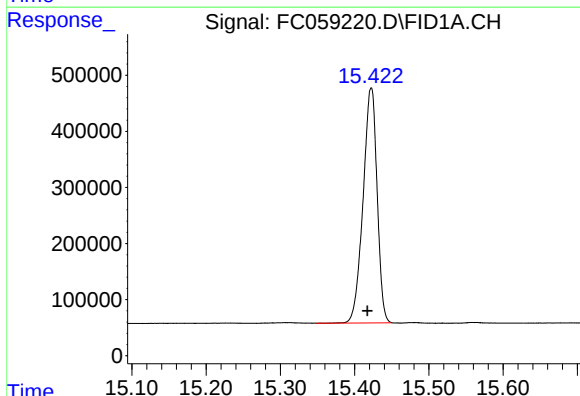
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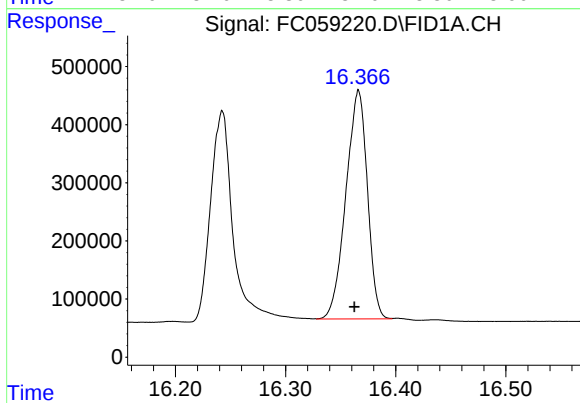
#14 n-Tetracosane (C24)

R.T.: 14.404 min
Delta R.T.: 0.003 min
Response: 6124391
Conc: 48.48 ug/ml



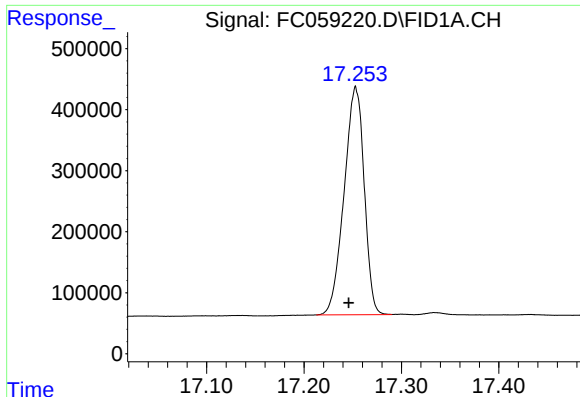
#15 n-Hexacosane (C26)

R.T.: 15.422 min
Delta R.T.: 0.005 min
Response: 5495067
Conc: 45.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.366 min
Delta R.T.: 0.003 min
Response: 5337032
Conc: 45.07 ug/ml m



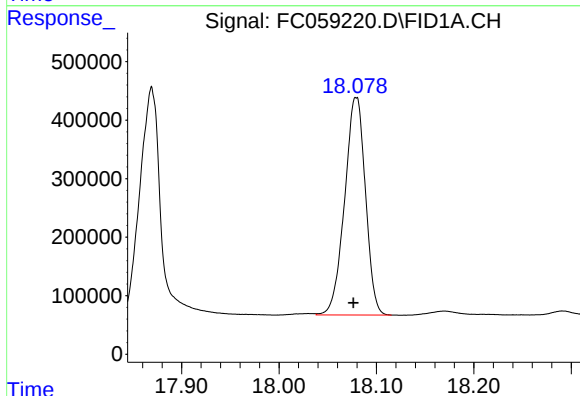
#17 n-Tricontane (C30)

R.T.: 17.253 min
Delta R.T.: 0.007 min
Response: 5349139
Conc: 46.89 ug/ml

Instrument :
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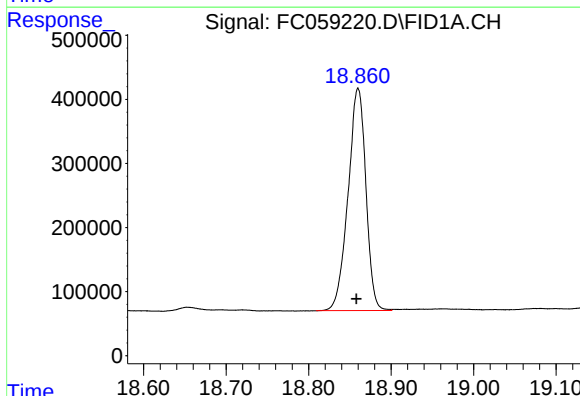
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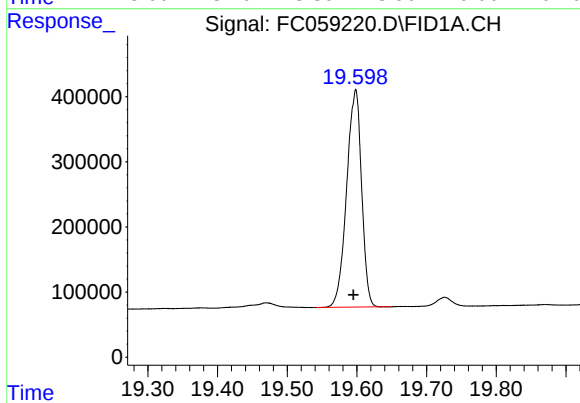
#18 n-Dotriacontane (C32)

R.T.: 18.078 min
Delta R.T.: 0.002 min
Response: 5524245
Conc: 51.57 ug/ml m



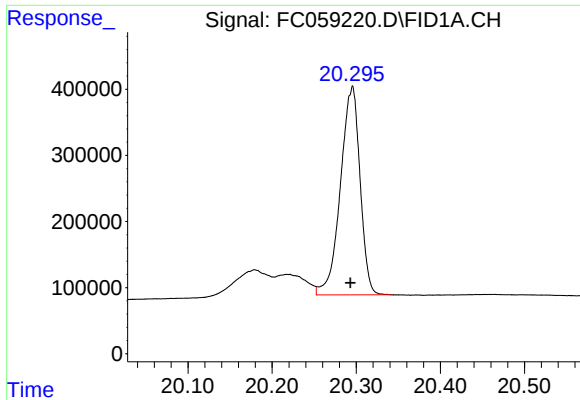
#19 n-Tetratriacontane (C34)

R.T.: 18.860 min
Delta R.T.: 0.002 min
Response: 5211816
Conc: 51.58 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.598 min
Delta R.T.: 0.003 min
Response: 4976137
Conc: 52.08 ug/ml



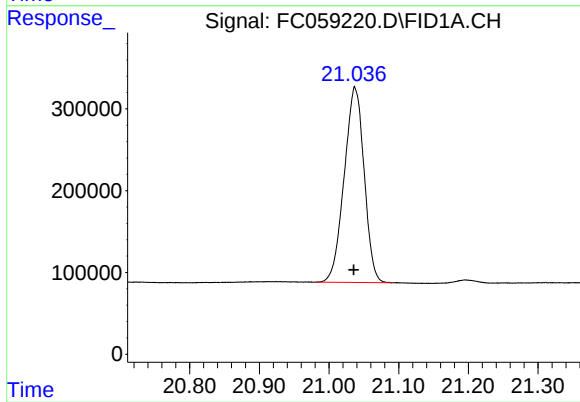
#21 n-Octatriacontane (C38)

R.T.: 20.295 min
Delta R.T.: 0.002 min
Response: 5097737
Conc: 55.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.037 min
Delta R.T.: 0.002 min
Response: 4742288
Conc: 51.03 ug/ml