

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010722AL\
 Data File : FC057780.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jan 2022 22:15
 Operator : AJ\MA
 Sample : N1065-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 AMI-1-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/10/2022
 Supervised By :Ankita Jodhani 01/10/2022

Integration File: autoint1.e
 Quant Time: Jan 08 00:41:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.707	7268910	37.592 ug/ml
Spiked Amount 50.000		Recovery =	75.18%
12) S 1-chlorooctadecane (S...	12.144	5538331	37.577 ug/ml
Spiked Amount 50.000		Recovery =	75.15%
Target Compounds			
1) T n-Nonane (C9)	2.639	5808001	36.320 ug/ml
2) T n-Decane (C10)	3.628	6713272	41.767 ug/ml
3) T A~Naphthalene (C11.7)	5.162	8143094	44.846 ug/ml
4) T n-Dodecane (C12)	5.597	7246333	44.931 ug/ml
5) T A~2-methylnaphthalene...	6.203	8171205	44.684 ug/ml
6) T n-Tetradecane (C14)	7.380	7912505	47.928 ug/ml
7) T n-Hexadecane (C16)	8.969	8835451	52.894 ug/ml
8) T n-Octadecane (C18)	10.405	9154479	53.197 ug/ml
10) T n-Eicosane (C20)	11.708	9407451	54.952 ug/ml
11) T n-Heneicosane (C21)	12.316	8803208	50.908 ug/ml
13) T n-Docosane (C22)	12.900	8674206	50.138 ug/ml
14) T n-Tetracosane (C24)	13.996	8412073	48.594 ug/ml
15) T n-Hexacosane (C26)	15.014	7978135	47.407 ug/ml
16) T n-Octacosane (C28)	15.958	7685314	46.964 ug/ml
17) T n-Tricontane (C30)	16.844	7368323	47.195 ug/ml
18) T n-Dotriacontane (C32)	17.672	7024884	50.385 ug/ml
19) T n-Tetratriacontane (C34)	18.453	6417097	51.631 ug/mlm
20) T n-Hexatriacontane (C36)	19.190	5449441	49.015 ug/ml
21) T n-Octatriacontane (C38)	19.893	5098769	48.879 ug/ml
22) T n-Tetracontane (C40)	20.718	5233011	54.652 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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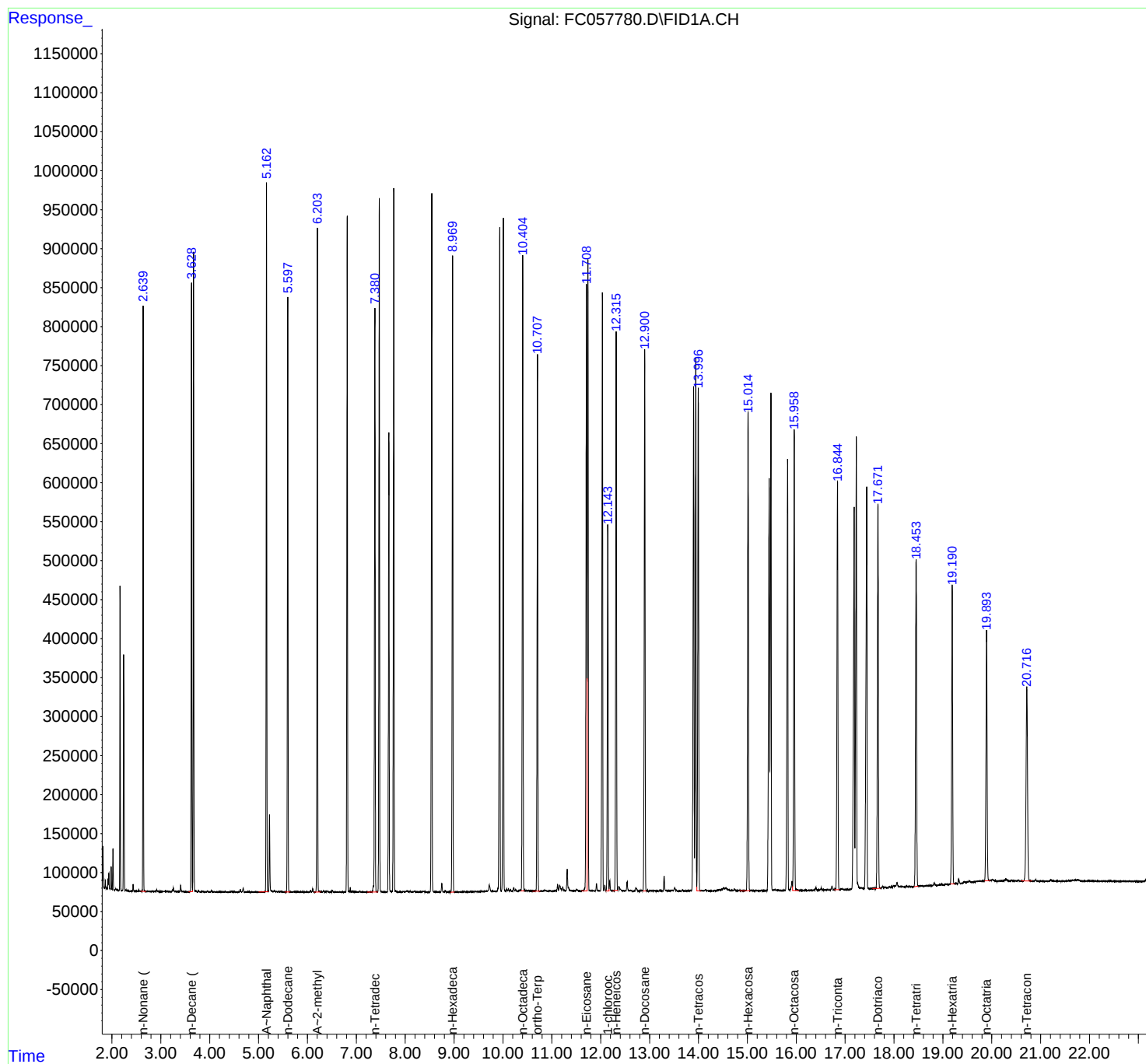
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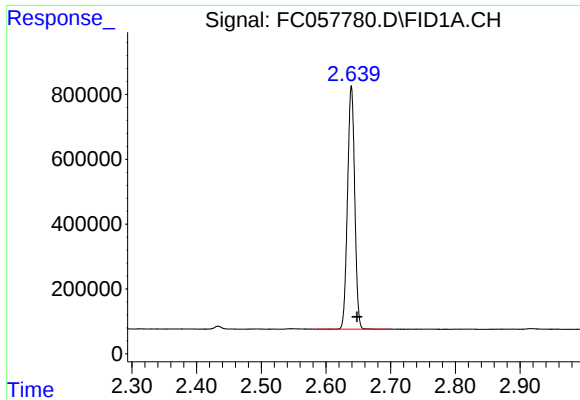
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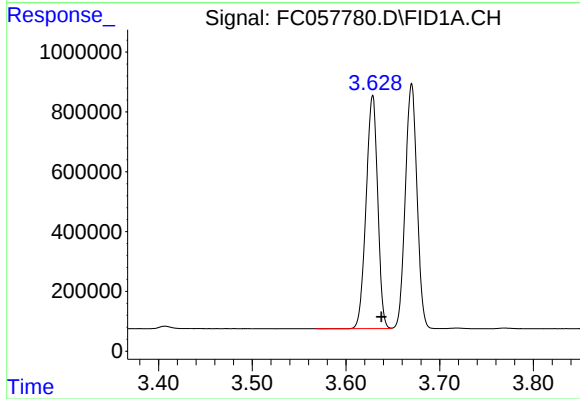
#1 n-Nonane (C9)

R.T.: 2.639 min
Delta R.T.: -0.009 min
Response: 5808001
Conc: 36.32 ug/ml

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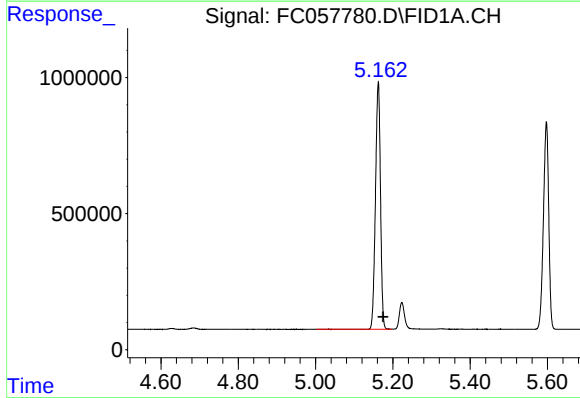
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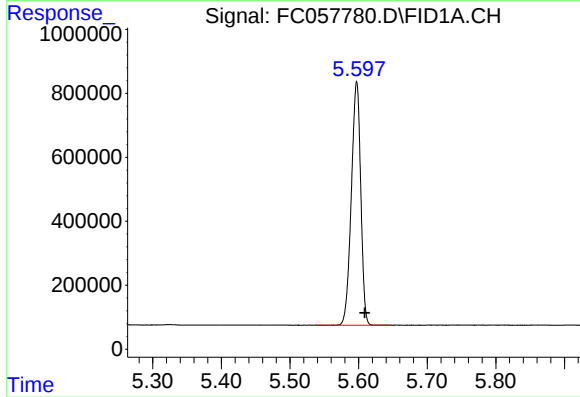
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.010 min
Response: 6713272
Conc: 41.77 ug/ml



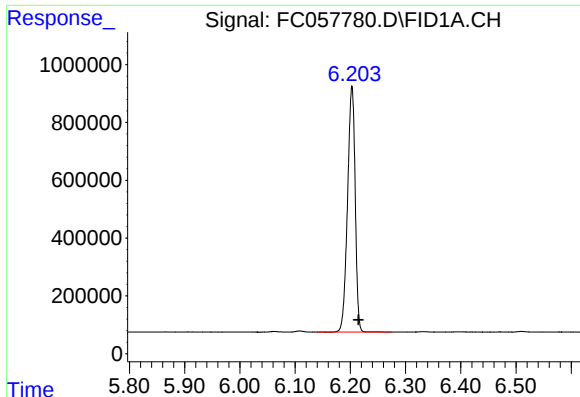
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.013 min
Response: 8143094
Conc: 44.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.597 min
Delta R.T.: -0.012 min
Response: 7246333
Conc: 44.93 ug/ml



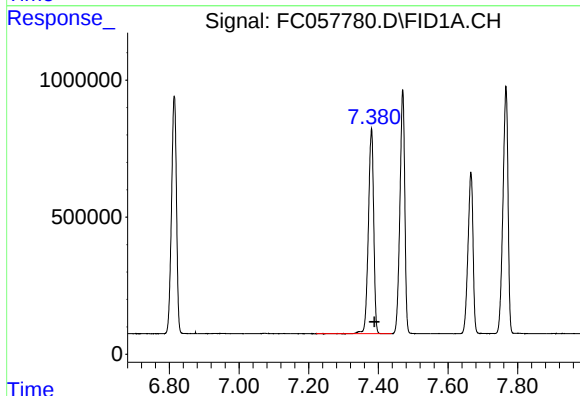
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.203 min
Delta R.T.: -0.012 min
Response: 8171205
Conc: 44.68 ug/ml

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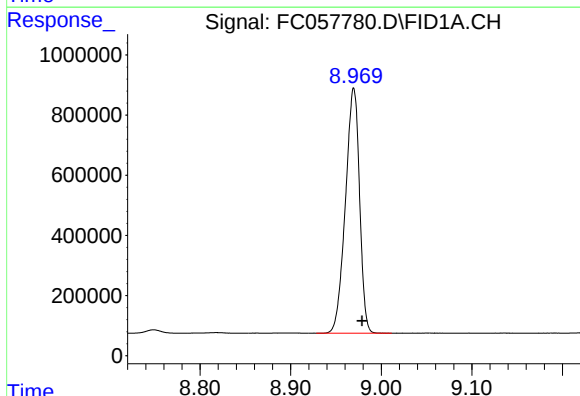
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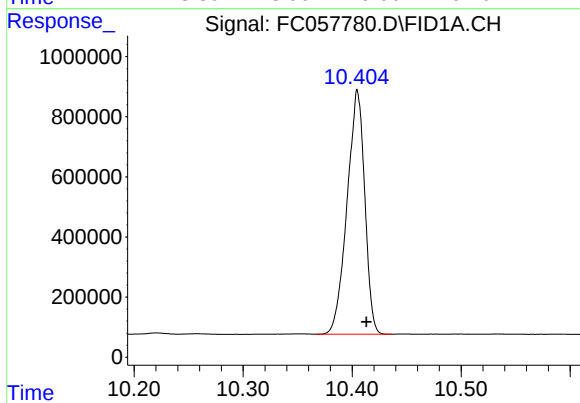
#6 n-Tetradecane (C14)

R.T.: 7.380 min
Delta R.T.: -0.009 min
Response: 7912505
Conc: 47.93 ug/ml



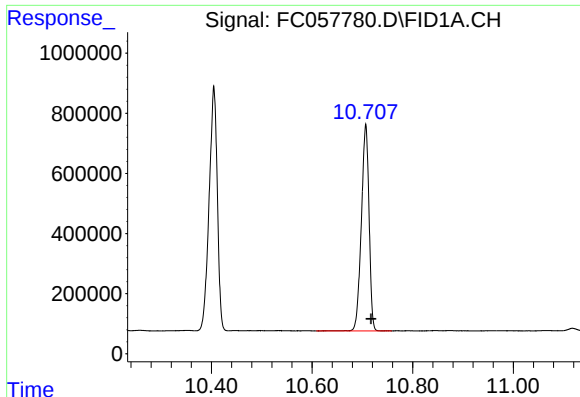
#7 n-Hexadecane (C16)

R.T.: 8.969 min
Delta R.T.: -0.010 min
Response: 8835451
Conc: 52.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.405 min
Delta R.T.: -0.008 min
Response: 9154479
Conc: 53.20 ug/ml



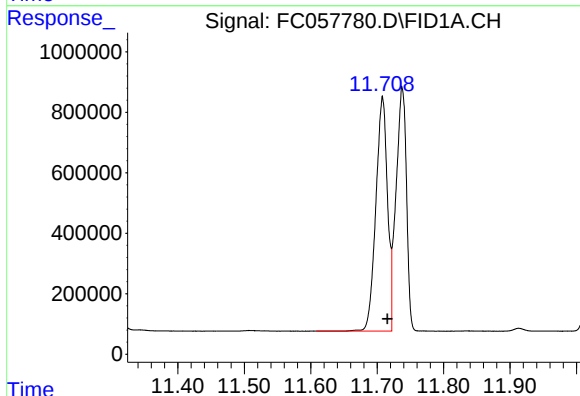
#9 ortho-Terphenyl (SURR)

R.T.: 10.707 min
Delta R.T.: -0.011 min
Response: 7268910
Conc: 37.59 ug/ml

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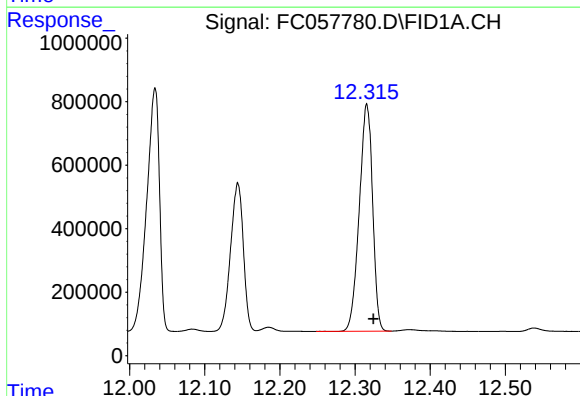
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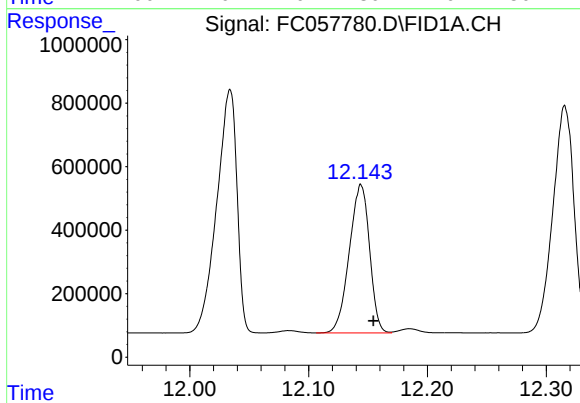
#10 n-Eicosane (C20)

R.T.: 11.708 min
Delta R.T.: -0.008 min
Response: 9407451
Conc: 54.95 ug/ml



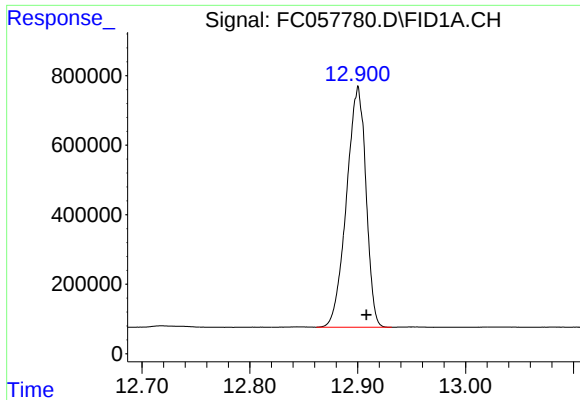
#11 n-Heneicosane (C21)

R.T.: 12.316 min
Delta R.T.: -0.009 min
Response: 8803208
Conc: 50.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.144 min
Delta R.T.: -0.011 min
Response: 5538331
Conc: 37.58 ug/ml



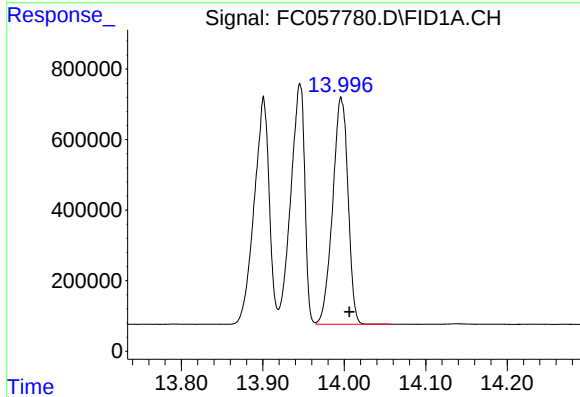
#13 n-Docosane (C22)

R.T.: 12.900 min
Delta R.T.: -0.008 min
Response: 8674206
Conc: 50.14 ug/ml

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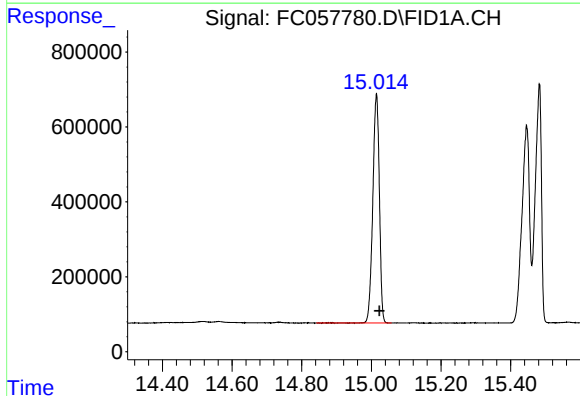
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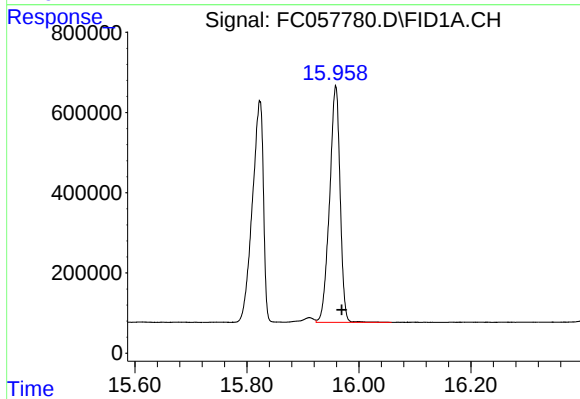
#14 n-Tetracosane (C24)

R.T.: 13.996 min
Delta R.T.: -0.010 min
Response: 8412073
Conc: 48.59 ug/ml



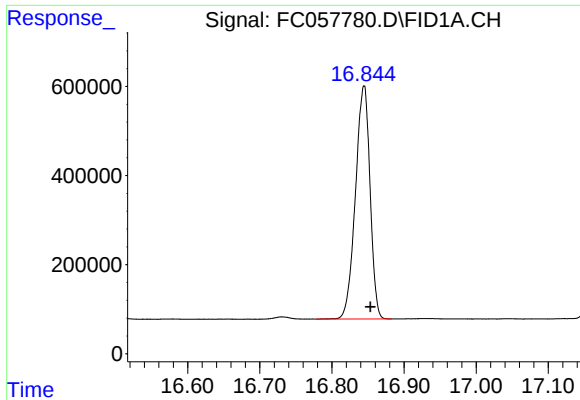
#15 n-Hexacosane (C26)

R.T.: 15.014 min
Delta R.T.: -0.009 min
Response: 7978135
Conc: 47.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.958 min
Delta R.T.: -0.011 min
Response: 7685314
Conc: 46.96 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.844 min
Delta R.T.: -0.009 min
Response: 7368323
Conc: 47.20 ug/ml

Instrument :

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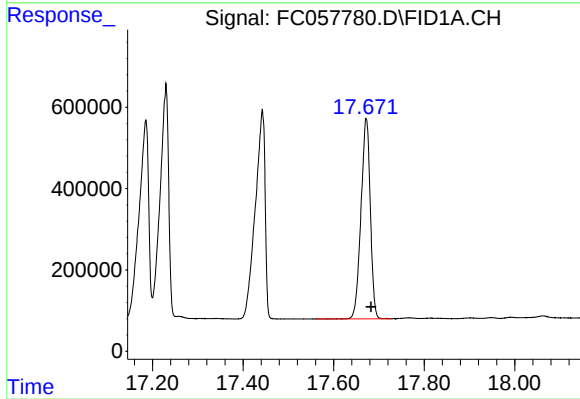
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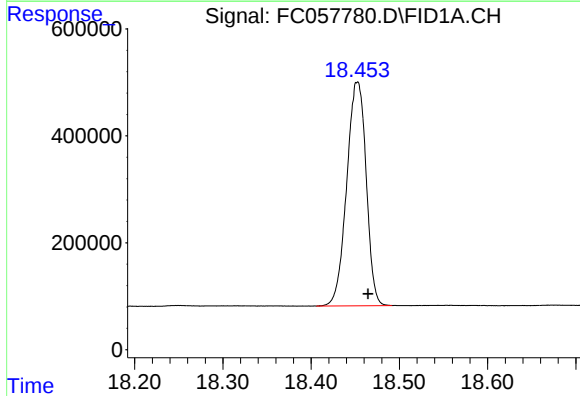
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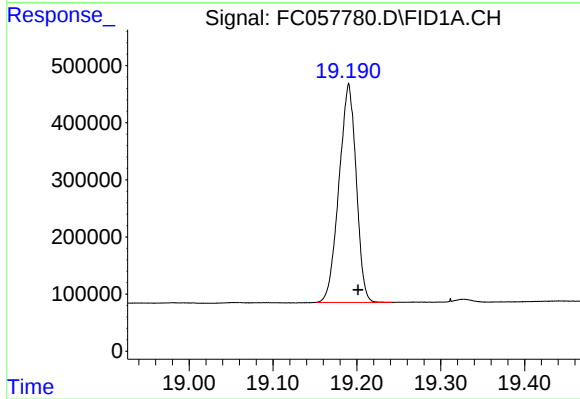
#18 n-Dotriacontane (C32)

R.T.: 17.672 min
Delta R.T.: -0.011 min
Response: 7024884
Conc: 50.38 ug/ml



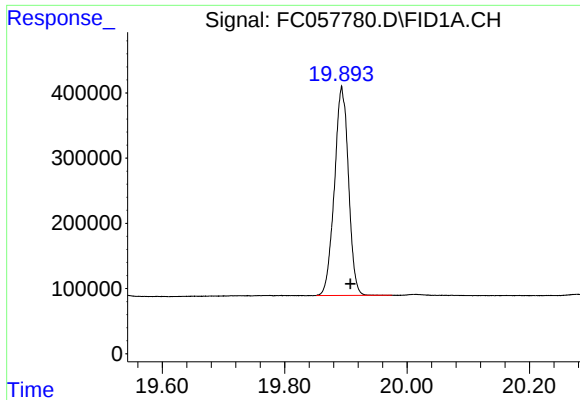
#19 n-Tetratriacontane (C34)

R.T.: 18.453 min
Delta R.T.: -0.012 min
Response: 6417097
Conc: 51.63 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.190 min
Delta R.T.: -0.011 min
Response: 5449441
Conc: 49.01 ug/ml



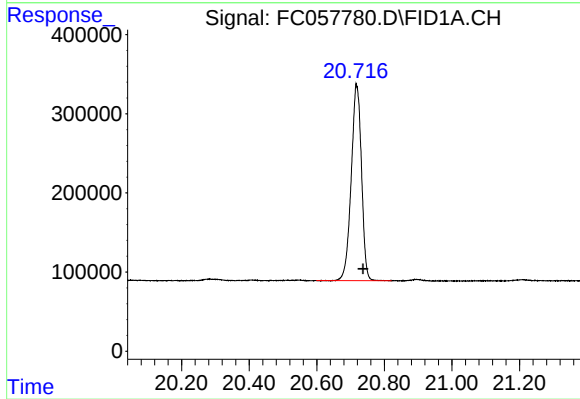
#21 n-Octatriacontane (C38)

R.T.: 19.893 min
Delta R.T.: -0.014 min
Response: 5098769
Conc: 48.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.718 min
Delta R.T.: -0.019 min
Response: 5233011
Conc: 54.65 ug/ml