

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011022AL\
 Data File : FC057806.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jan 2022 1:22
 Operator : AJ\MA
 Sample : IDOC3
 Misc : WATER IDOC FOR YOGESH PATEL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 IDOC3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2022
 Supervised By :mohammad ahmed 01/12/2022

Integration File: autoint1.e
 Quant Time: Jan 11 03:28:10 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)	10.710	9487178	49.064 ug/ml
Spiked Amount 50.000		Recovery =	98.13%
12) S 1-chlorooctadecane (S...	12.146	7328212	49.721 ug/ml
Spiked Amount 50.000		Recovery =	99.44%
Target Compounds			
1) T n-Nonane (C9)	2.647	7003066	43.793 ug/ml
2) T n-Decane (C10)	3.632	7540432	46.913 ug/ml
3) T A~Naphthalene (C11.7)	5.164	9217988	50.765 ug/ml
4) T n-Dodecane (C12)	5.598	8516274	52.805 ug/ml
5) T A~2-methylnaphthalene...	6.205	9617541	52.593 ug/ml
6) T n-Tetradecane (C14)	7.382	9465677	57.335 ug/ml
7) T n-Hexadecane (C16)	8.972	10035464	60.078 ug/ml
8) T n-Octadecane (C18)	10.407	10041784	58.353 ug/ml
10) T n-Eicosane (C20)	11.709	10285755	60.082 ug/ml
11) T n-Heneicosane (C21)	12.317	9543474	55.189 ug/ml
13) T n-Docosane (C22)	12.901	9400330	54.335 ug/ml
14) T n-Tetracosane (C24)	13.999	9083278	52.471 ug/ml
15) T n-Hexacosane (C26)	15.018	8612022	51.174 ug/ml
16) T n-Octacosane (C28)	15.961	8265183	50.507 ug/ml
17) T n-Tricontane (C30)	16.848	7964779	51.016 ug/ml
18) T n-Dotriacontane (C32)	17.676	7577770	54.350 ug/ml
19) T n-Tetratriacontane (C34)	18.456	6933240	55.783 ug/mlm
20) T n-Hexatriacontane (C36)	19.194	5903046	53.095 ug/ml
21) T n-Octatriacontane (C38)	19.898	5518121	52.899 ug/ml
22) T n-Tetracontane (C40)	20.723	5673158	59.248 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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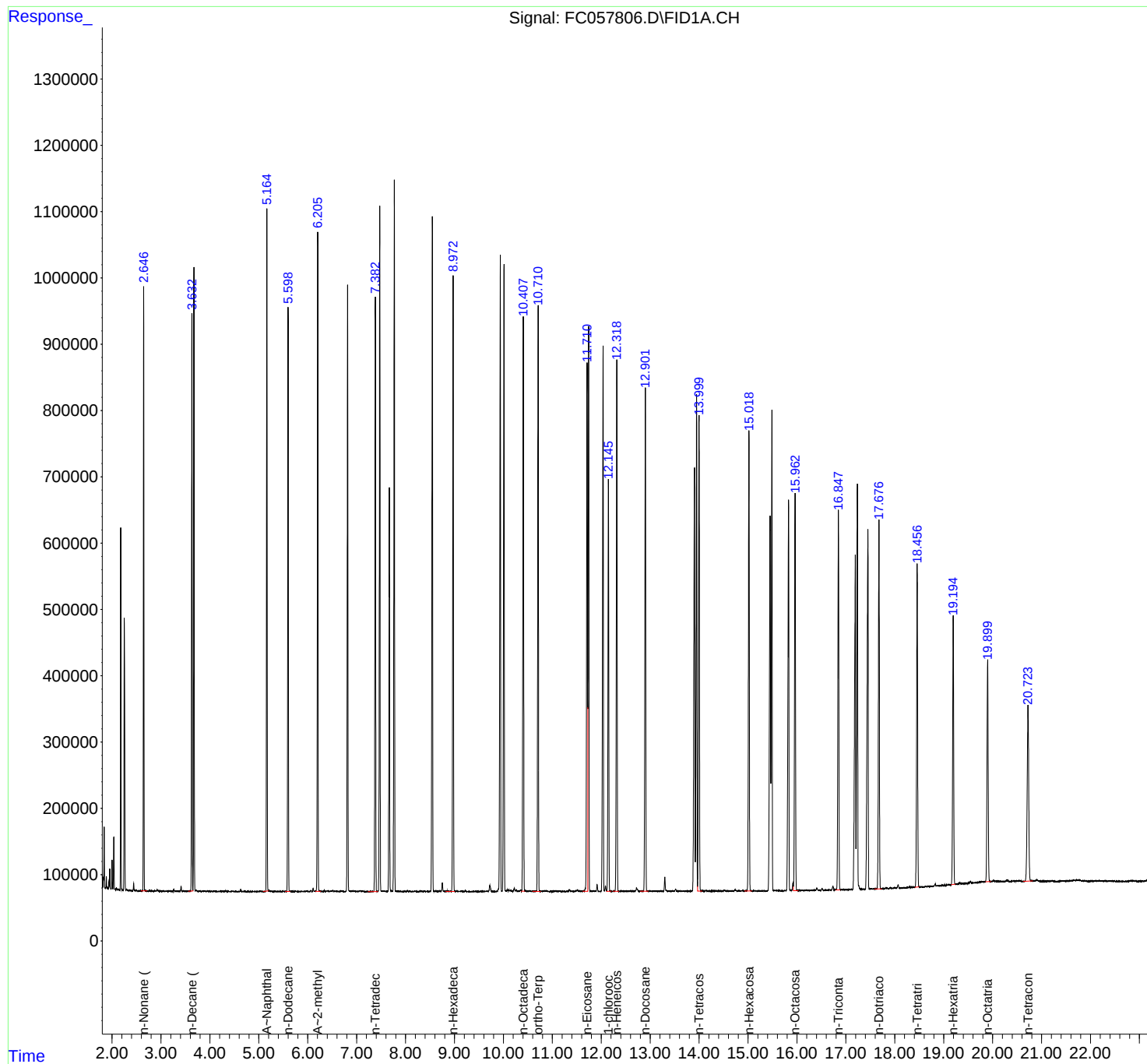
Instrument :
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ClientSampleId :
IDOC3

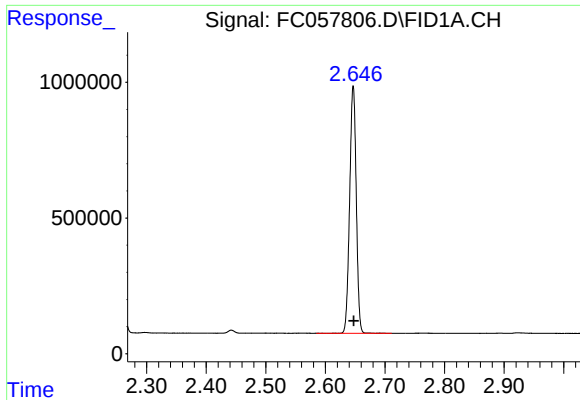
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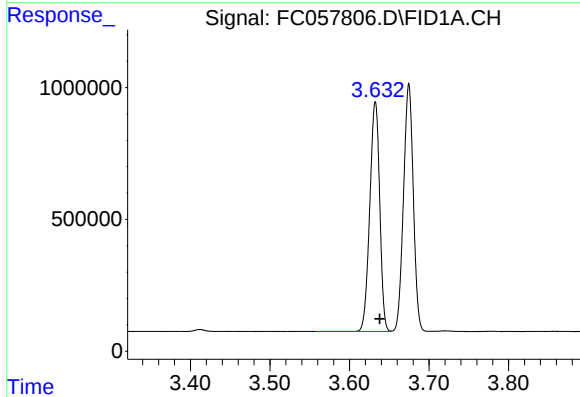
#1 n-Nonane (C9)

R.T.: 2.647 min
Delta R.T.: -0.001 min
Response: 7003066
Conc: 43.79 ug/ml

Instrument :
FID_C
ClientSampleId :
IDOC3

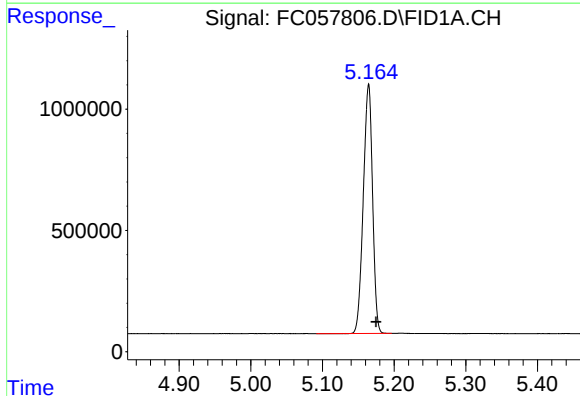
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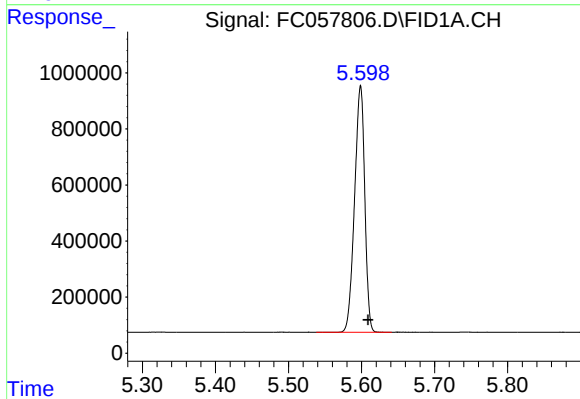
#2 n-Decane (C10)

R.T.: 3.632 min
Delta R.T.: -0.006 min
Response: 7540432
Conc: 46.91 ug/ml



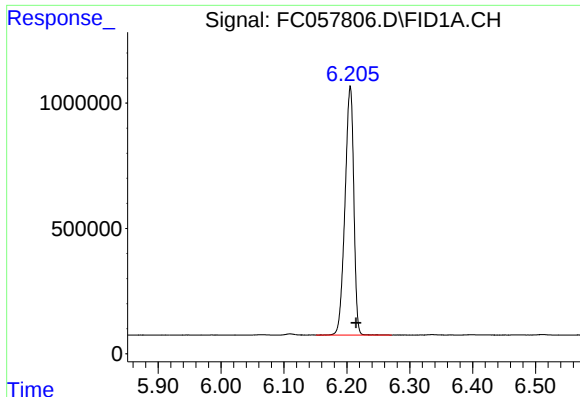
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.010 min
Response: 9217988
Conc: 50.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.598 min
Delta R.T.: -0.010 min
Response: 8516274
Conc: 52.80 ug/ml



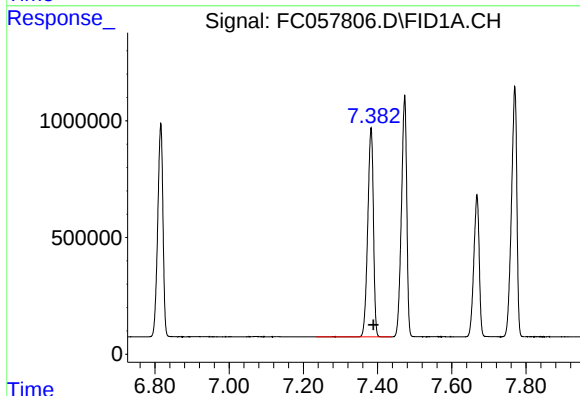
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.205 min
Delta R.T.: -0.010 min
Response: 9617541
Conc: 52.59 ug/ml

Instrument :
FID_C
ClientSampleId :
IDOC3

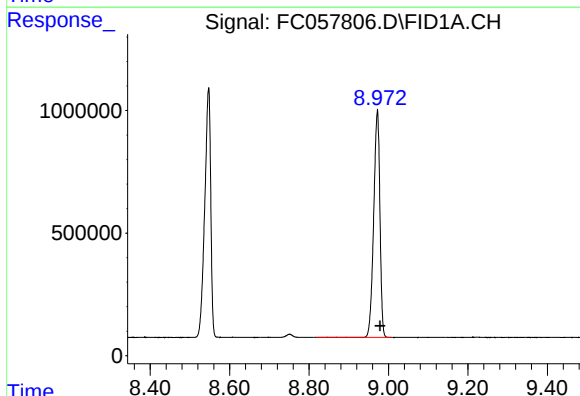
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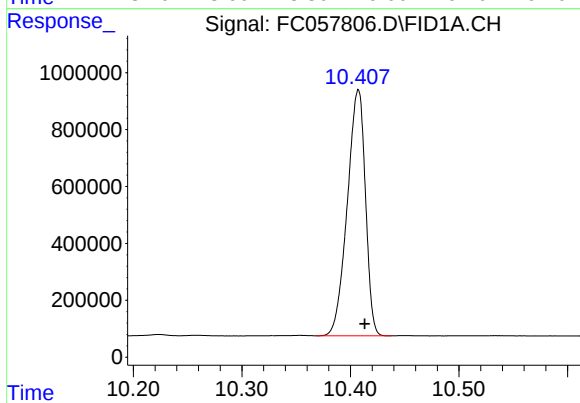
#6 n-Tetradecane (C14)

R.T.: 7.382 min
Delta R.T.: -0.007 min
Response: 9465677
Conc: 57.34 ug/ml



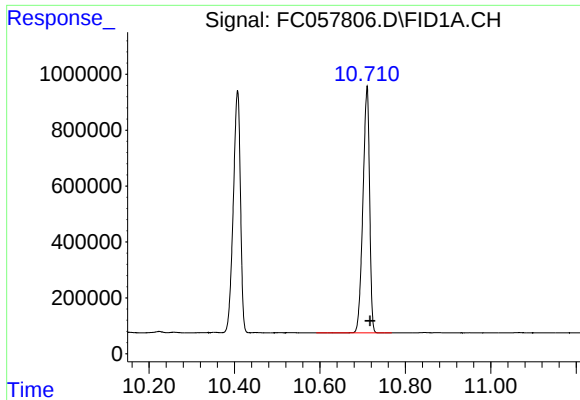
#7 n-Hexadecane (C16)

R.T.: 8.972 min
Delta R.T.: -0.007 min
Response: 10035464
Conc: 60.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.407 min
Delta R.T.: -0.006 min
Response: 10041784
Conc: 58.35 ug/ml



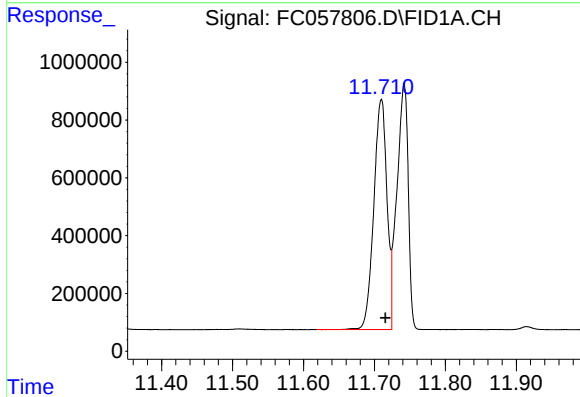
#9 ortho-Terphenyl (SURR)

R.T.: 10.710 min
Delta R.T.: -0.008 min
Response: 9487178
Conc: 49.06 ug/ml

Instrument :
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ClientSampleId :
IDOC3

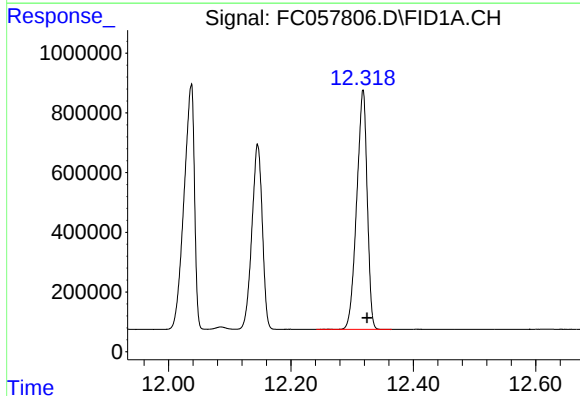
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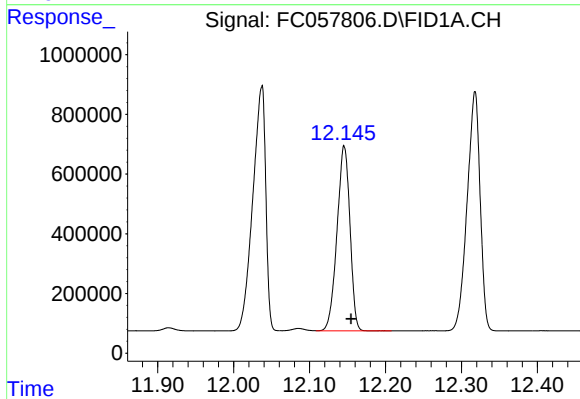
#10 n-Eicosane (C20)

R.T.: 11.709 min
Delta R.T.: -0.006 min
Response: 10285755
Conc: 60.08 ug/ml



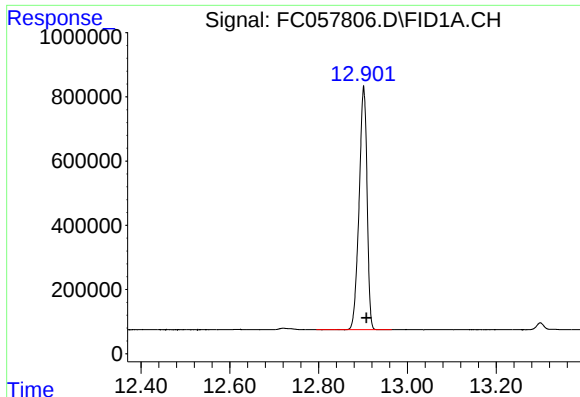
#11 n-Heneicosane (C21)

R.T.: 12.317 min
Delta R.T.: -0.007 min
Response: 9543474
Conc: 55.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.146 min
Delta R.T.: -0.009 min
Response: 7328212
Conc: 49.72 ug/ml



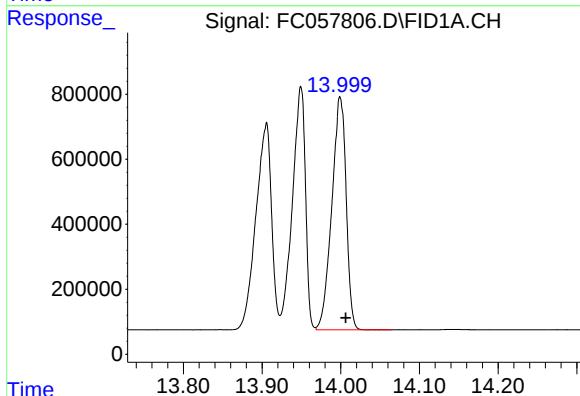
#13 n-Docosane (C22)

R.T.: 12.901 min
Delta R.T.: -0.006 min
Response: 9400330
Conc: 54.34 ug/ml

Instrument :
FID_C
ClientSampleId :
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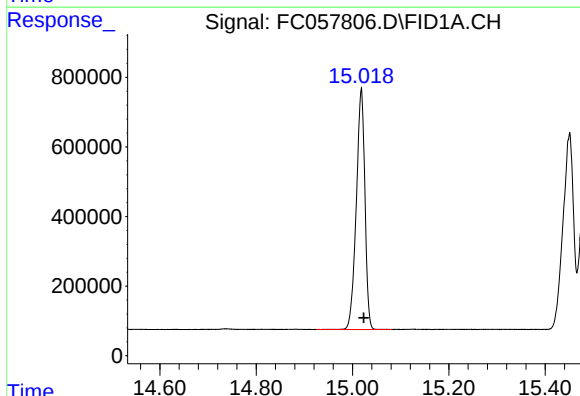
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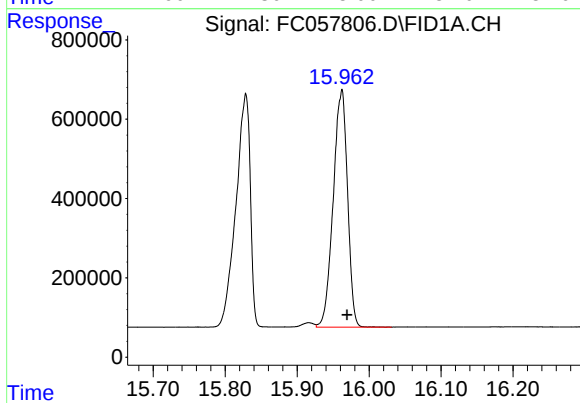
#14 n-Tetracosane (C24)

R.T.: 13.999 min
Delta R.T.: -0.007 min
Response: 9083278
Conc: 52.47 ug/ml



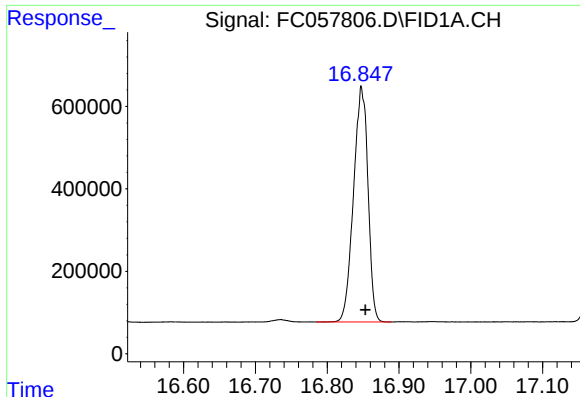
#15 n-Hexacosane (C26)

R.T.: 15.018 min
Delta R.T.: -0.005 min
Response: 8612022
Conc: 51.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.961 min
Delta R.T.: -0.008 min
Response: 8265183
Conc: 50.51 ug/ml



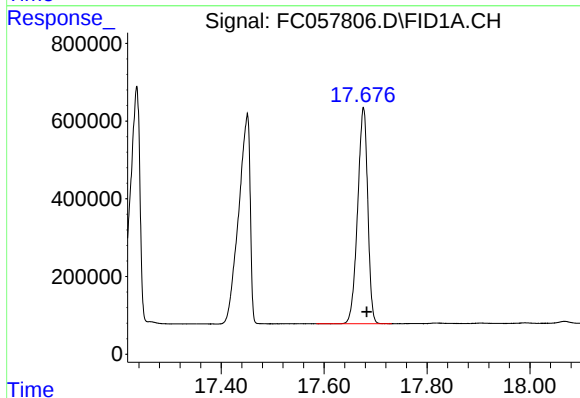
#17 n-Tricontane (C30)

R.T.: 16.848 min
Delta R.T.: -0.005 min
Response: 7964779
Conc: 51.02 ug/ml

Instrument :
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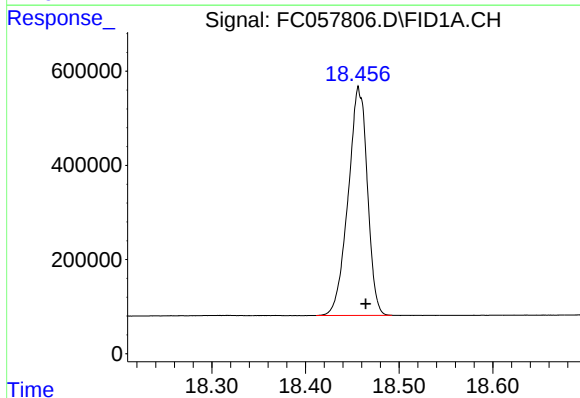
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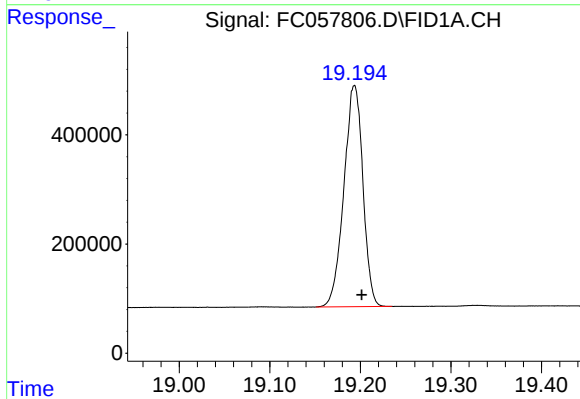
#18 n-Dotriacontane (C32)

R.T.: 17.676 min
Delta R.T.: -0.007 min
Response: 7577770
Conc: 54.35 ug/ml



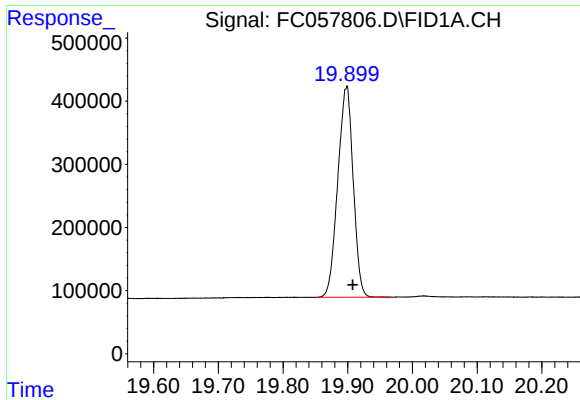
#19 n-Tetratriacontane (C34)

R.T.: 18.456 min
Delta R.T.: -0.008 min
Response: 6933240
Conc: 55.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.194 min
Delta R.T.: -0.008 min
Response: 5903046
Conc: 53.09 ug/ml



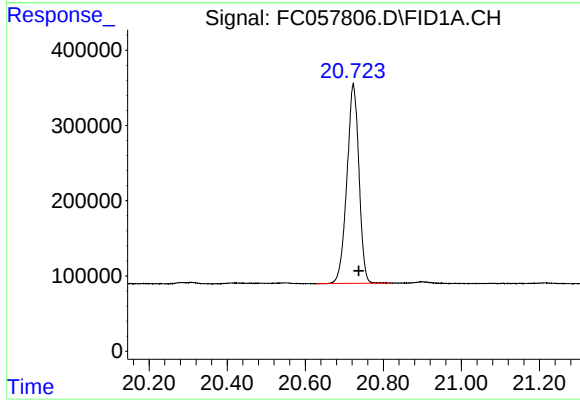
#21 n-Octatriacontane (C38)

R.T.: 19.898 min
Delta R.T.: -0.010 min
Response: 5518121
Conc: 52.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.723 min
Delta R.T.: -0.014 min
Response: 5673158
Conc: 59.25 ug/ml