

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011022AL\
 Data File : FC057805.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jan 2022 00:49
 Operator : AJ\MA
 Sample : IDOC2
 Misc : WATER IDOC FOR YOGESH PATEL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 IDOC2

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 03:29:50 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	9220049	47.682 ug/ml
Spiked Amount 50.000		Recovery =	95.36%
12) S 1-chlorooctadecane (S...	12.146	7125796	48.348 ug/ml
Spiked Amount 50.000		Recovery =	96.70%
Target Compounds			
1) T n-Nonane (C9)	2.646	6940606	43.403 ug/ml
2) T n-Decane (C10)	3.631	7484492	46.565 ug/ml
3) T A~Naphthalene (C11.7)	5.163	9114527	50.195 ug/ml
4) T n-Dodecane (C12)	5.598	8351312	51.782 ug/ml
5) T A~2-methylnaphthalene...	6.204	9422113	51.524 ug/ml
6) T n-Tetradecane (C14)	7.381	9174108	55.569 ug/ml
7) T n-Hexadecane (C16)	8.972	9724491	58.216 ug/ml
8) T n-Octadecane (C18)	10.406	9743783	56.621 ug/ml
10) T n-Eicosane (C20)	11.709	9904895	57.858 ug/ml
11) T n-Heneicosane (C21)	12.317	9271581	53.617 ug/ml
13) T n-Docosane (C22)	12.900	9139388	52.827 ug/ml
14) T n-Tetracosane (C24)	13.999	8858245	51.171 ug/ml
15) T n-Hexacosane (C26)	15.018	8406010	49.950 ug/ml
16) T n-Octacosane (C28)	15.962	8066268	49.292 ug/ml
17) T n-Tricontane (C30)	16.848	7784323	49.860 ug/ml
18) T n-Dotriacontane (C32)	17.676	7402475	53.093 ug/ml
19) T n-Tetratriacontane (C34)	18.458	6751848	54.324 ug/mlm
20) T n-Hexatriacontane (C36)	19.193	5748512	51.705 ug/ml
21) T n-Octatriacontane (C38)	19.898	5369226	51.471 ug/ml
22) T n-Tetracontane (C40)	20.724	5515305	57.600 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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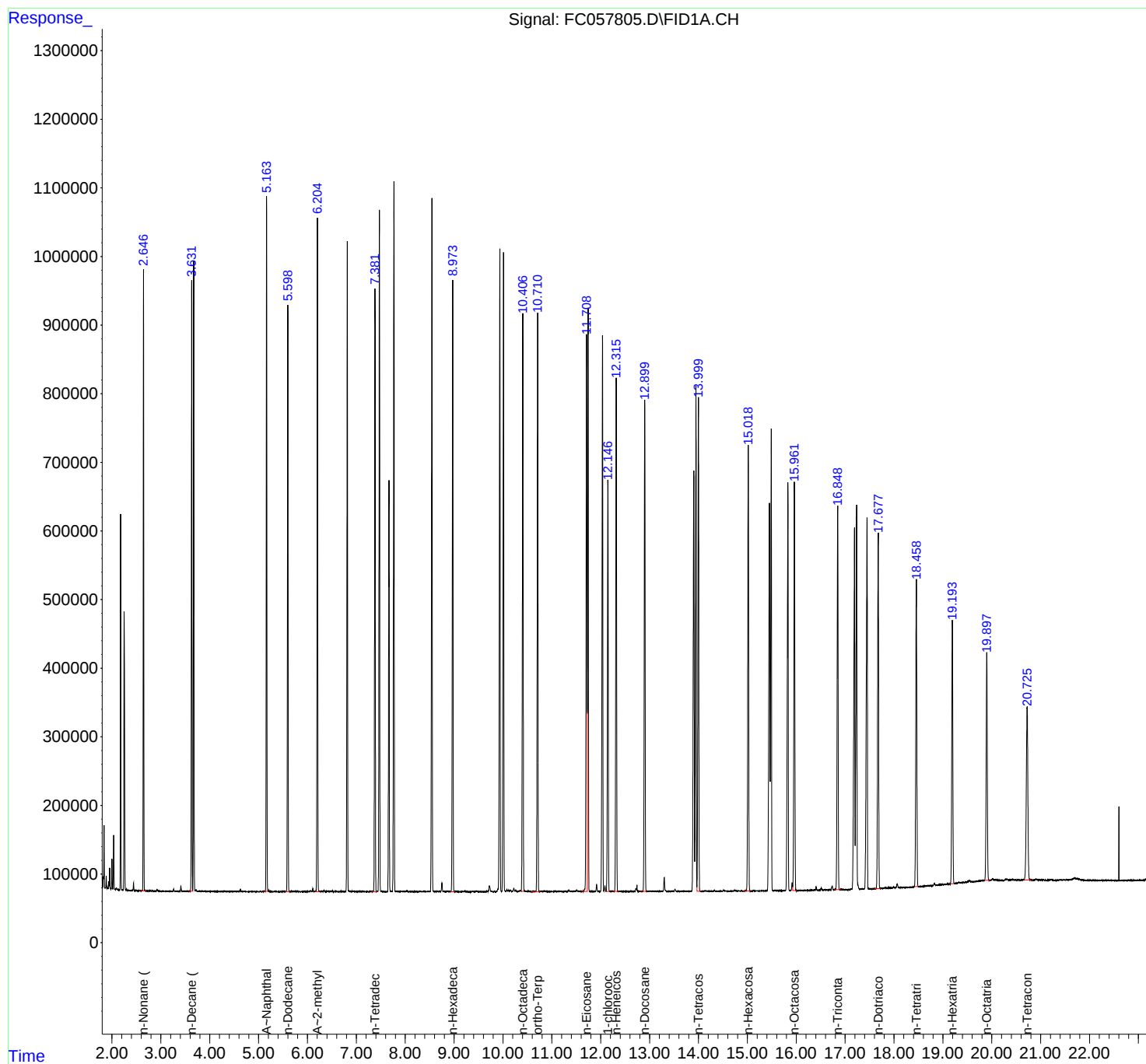
Instrument :
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ClientSampleId :
IDOC2

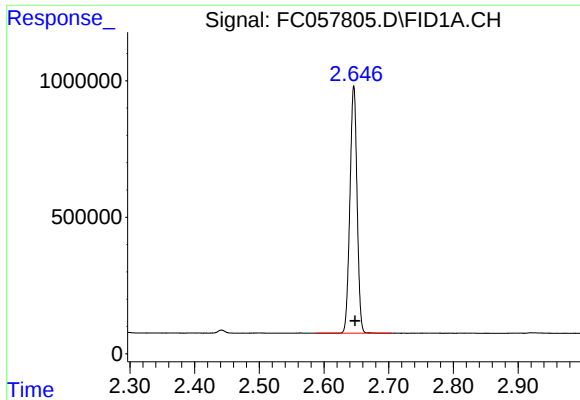
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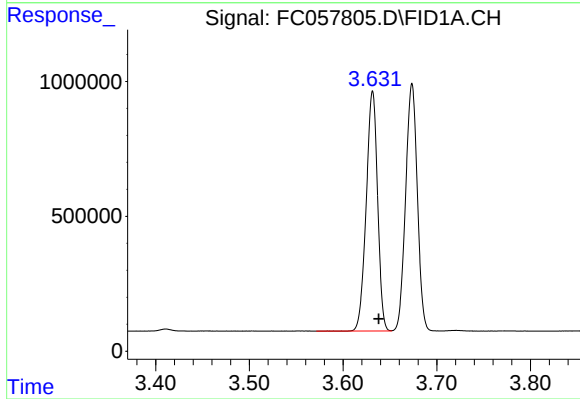
#1 n-Nonane (C9)

R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 6940606
Conc: 43.40 ug/ml

Instrument :
FID_C
ClientSampleId :
IDOC2

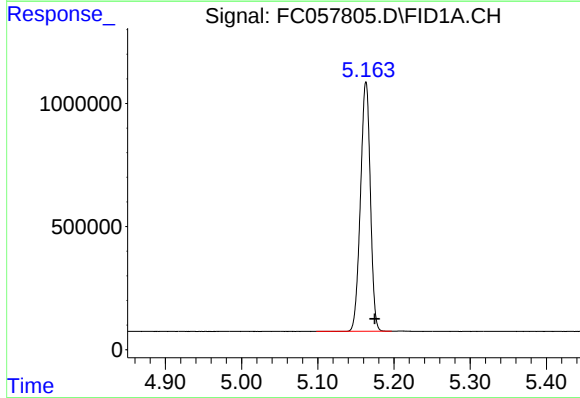
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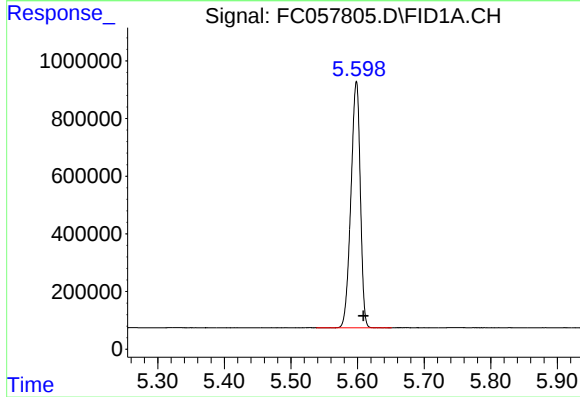
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: -0.007 min
Response: 7484492
Conc: 46.57 ug/ml



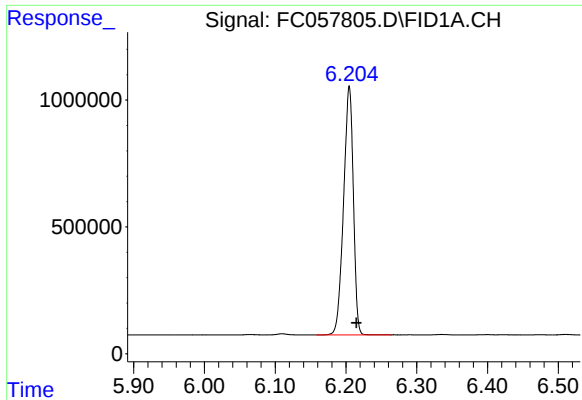
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.011 min
Response: 9114527
Conc: 50.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.598 min
Delta R.T.: -0.011 min
Response: 8351312
Conc: 51.78 ug/ml



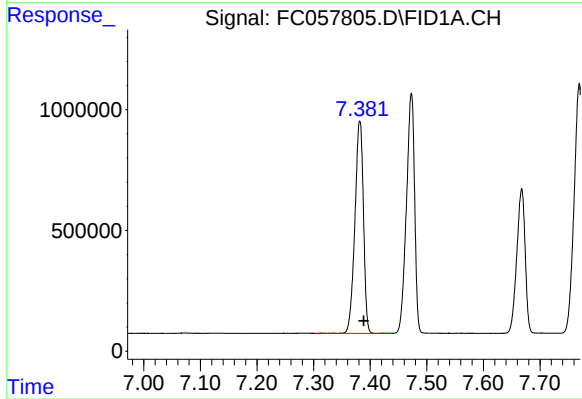
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.204 min
Delta R.T.: -0.010 min
Response: 9422113
Conc: 51.52 ug/ml

Instrument :
FID_C
ClientSampleId :
IDOC2

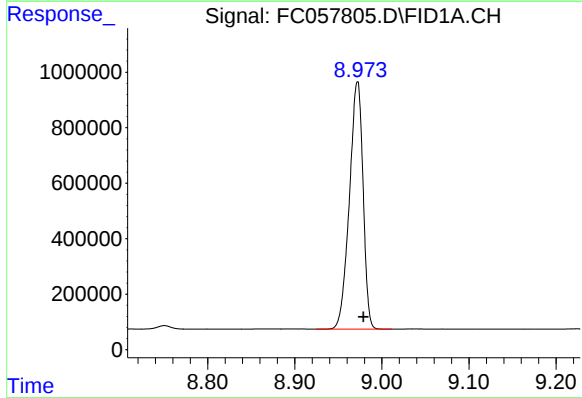
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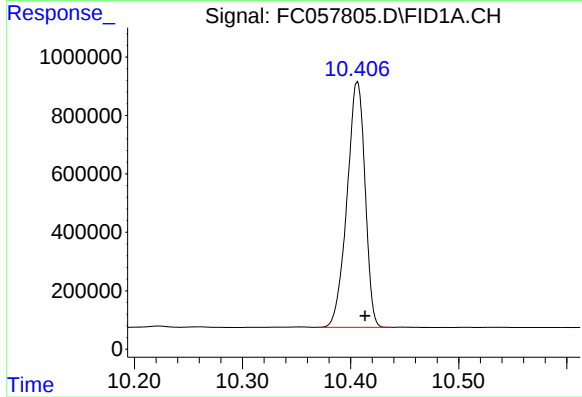
#6 n-Tetradecane (C14)

R.T.: 7.381 min
Delta R.T.: -0.007 min
Response: 9174108
Conc: 55.57 ug/ml



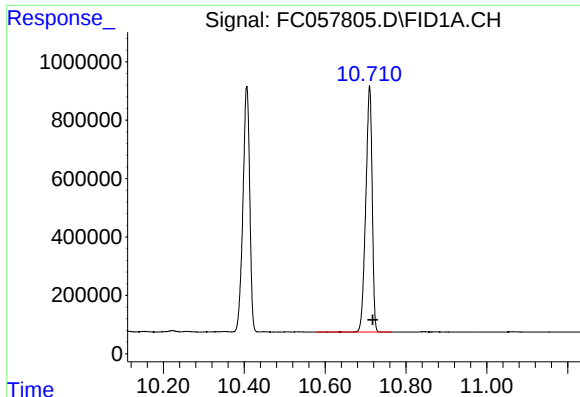
#7 n-Hexadecane (C16)

R.T.: 8.972 min
Delta R.T.: -0.007 min
Response: 9724491
Conc: 58.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.406 min
Delta R.T.: -0.007 min
Response: 9743783
Conc: 56.62 ug/ml



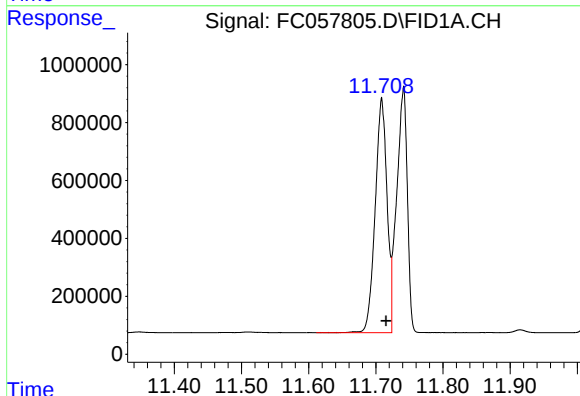
#9 ortho-Terphenyl (SURR)

R.T.: 10.710 min
Delta R.T.: -0.008 min
Response: 9220049
Conc: 47.68 ug/ml

Instrument :
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ClientSampleId :
IDOC2

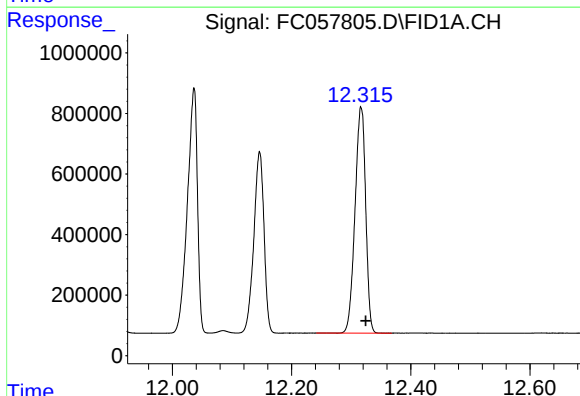
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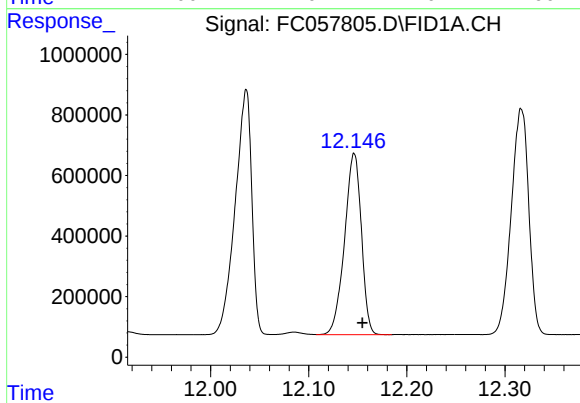
#10 n-Eicosane (C20)

R.T.: 11.709 min
Delta R.T.: -0.007 min
Response: 9904895
Conc: 57.86 ug/ml



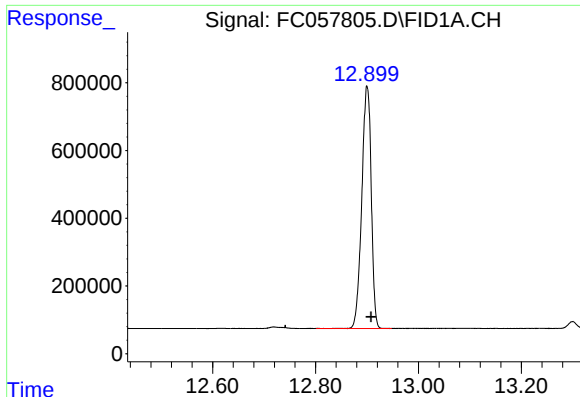
#11 n-Heneicosane (C21)

R.T.: 12.317 min
Delta R.T.: -0.008 min
Response: 9271581
Conc: 53.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.146 min
Delta R.T.: -0.008 min
Response: 7125796
Conc: 48.35 ug/ml



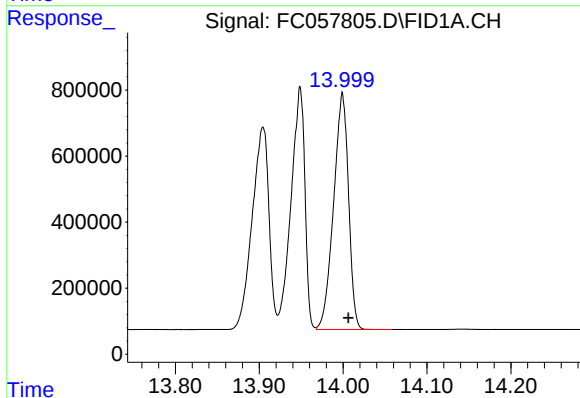
#13 n-Docosane (C22)

R.T.: 12.900 min
Delta R.T.: -0.008 min
Response: 9139388
Conc: 52.83 ug/ml

Instrument :
FID_C
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IDOC2

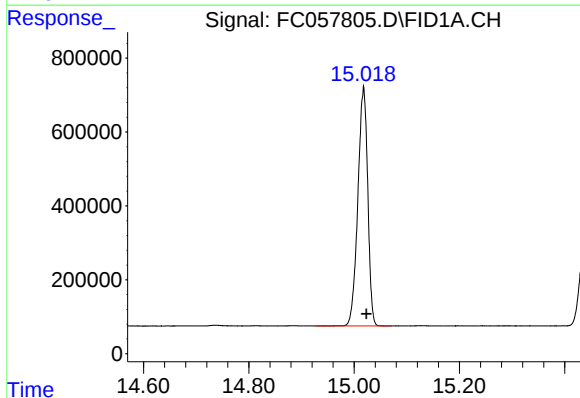
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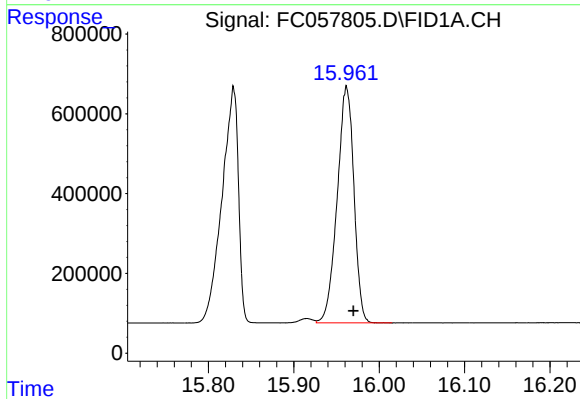
#14 n-Tetracosane (C24)

R.T.: 13.999 min
Delta R.T.: -0.007 min
Response: 8858245
Conc: 51.17 ug/ml



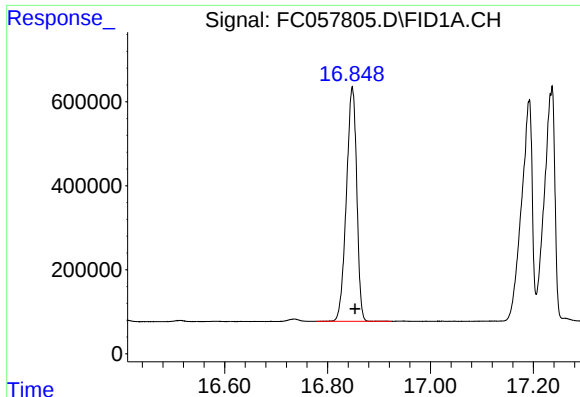
#15 n-Hexacosane (C26)

R.T.: 15.018 min
Delta R.T.: -0.006 min
Response: 8406010
Conc: 49.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.962 min
Delta R.T.: -0.008 min
Response: 8066268
Conc: 49.29 ug/ml



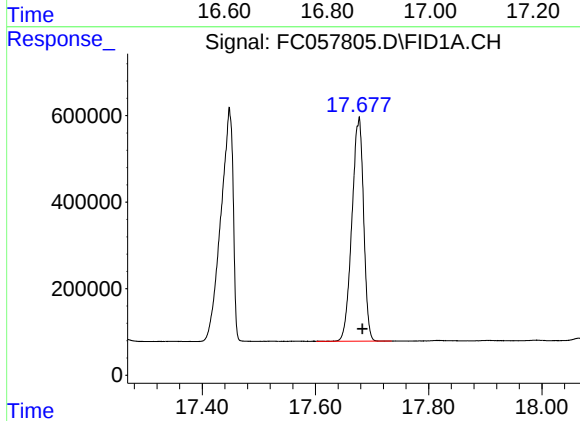
#17 n-Tricontane (C30)

R.T.: 16.848 min
Delta R.T.: -0.006 min
Response: 7784323
Conc: 49.86 ug/ml

Instrument :
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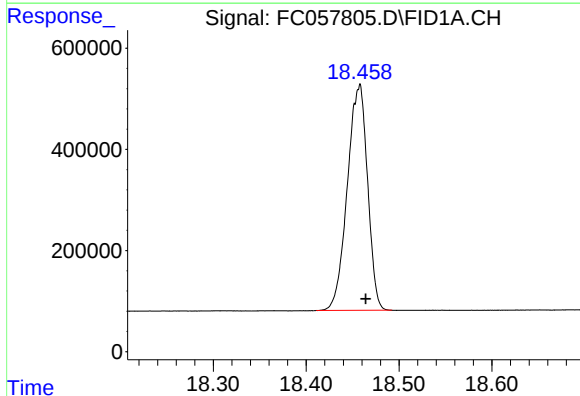
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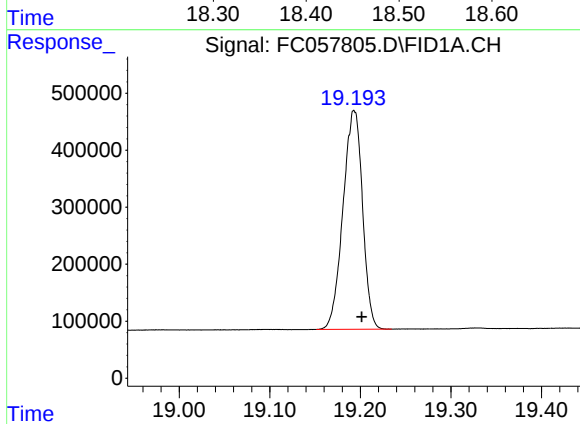
#18 n-Dotriacontane (C32)

R.T.: 17.676 min
Delta R.T.: -0.007 min
Response: 7402475
Conc: 53.09 ug/ml



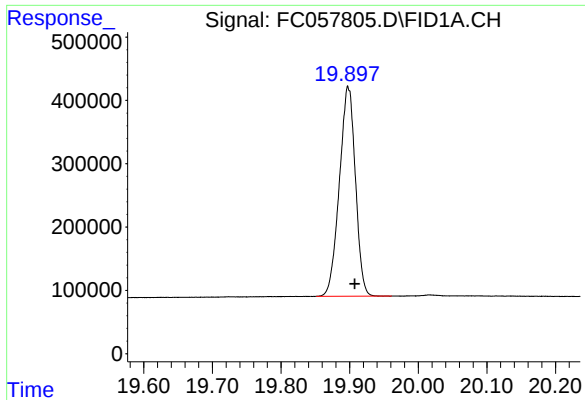
#19 n-Tetratriacontane (C34)

R.T.: 18.458 min
Delta R.T.: -0.006 min
Response: 6751848
Conc: 54.32 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.193 min
Delta R.T.: -0.008 min
Response: 5748512
Conc: 51.70 ug/ml



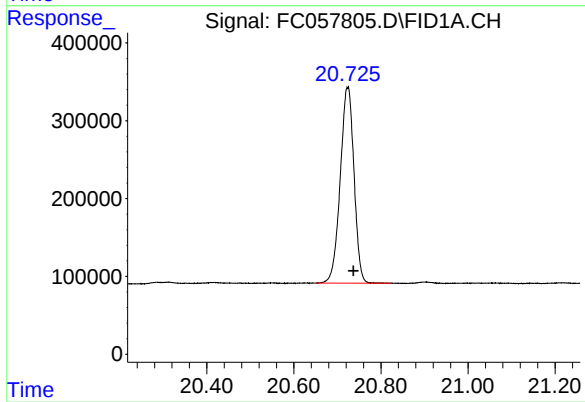
#21 n-Octatriacontane (C38)

R.T.: 19.898 min
Delta R.T.: -0.010 min
Response: 5369226
Conc: 51.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.724 min
Delta R.T.: -0.013 min
Response: 5515305
Conc: 57.60 ug/ml