

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011022AL\
 Data File : FC057807.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jan 2022 1:55
 Operator : AJ\MA
 Sample : IDOC4
 Misc : WATER IDOC FOR YOGESH PATEL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 IDOC4

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 03:24:32 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	9634277	49.824 ug/ml
Spiked Amount 50.000		Recovery =	99.65%
12) S 1-chlorooctadecane (S...	12.146	7448168	50.535 ug/ml
Spiked Amount 50.000		Recovery =	101.07%
Target Compounds			
1) T n-Nonane (C9)	2.647	7074355	44.239 ug/ml
2) T n-Decane (C10)	3.632	7655531	47.630 ug/ml
3) T A~Naphthalene (C11.7)	5.164	9370018	51.602 ug/ml
4) T n-Dodecane (C12)	5.598	8646353	53.612 ug/ml
5) T A~2-methylnaphthalene...	6.205	9777965	53.470 ug/ml
6) T n-Tetradecane (C14)	7.382	9591605	58.098 ug/ml
7) T n-Hexadecane (C16)	8.972	10183276	60.963 ug/ml
8) T n-Octadecane (C18)	10.406	10218332	59.379 ug/ml
10) T n-Eicosane (C20)	11.710	10346588	60.438 ug/ml
11) T n-Heneicosane (C21)	12.317	9699332	56.090 ug/ml
13) T n-Docosane (C22)	12.901	9547049	55.184 ug/ml
14) T n-Tetracosane (C24)	13.998	9235795	53.352 ug/ml
15) T n-Hexacosane (C26)	15.017	8763030	52.071 ug/ml
16) T n-Octacosane (C28)	15.961	8400153	51.332 ug/ml
17) T n-Tricontane (C30)	16.846	8097166	51.864 ug/ml
18) T n-Dotriacontane (C32)	17.675	7697966	55.212 ug/ml
19) T n-Tetratriacontane (C34)	18.455	7038587	56.631 ug/mlm
20) T n-Hexatriacontane (C36)	19.191	5987131	53.851 ug/ml
21) T n-Octatriacontane (C38)	19.897	5587258	53.562 ug/ml
22) T n-Tetracontane (C40)	20.721	5735611	59.901 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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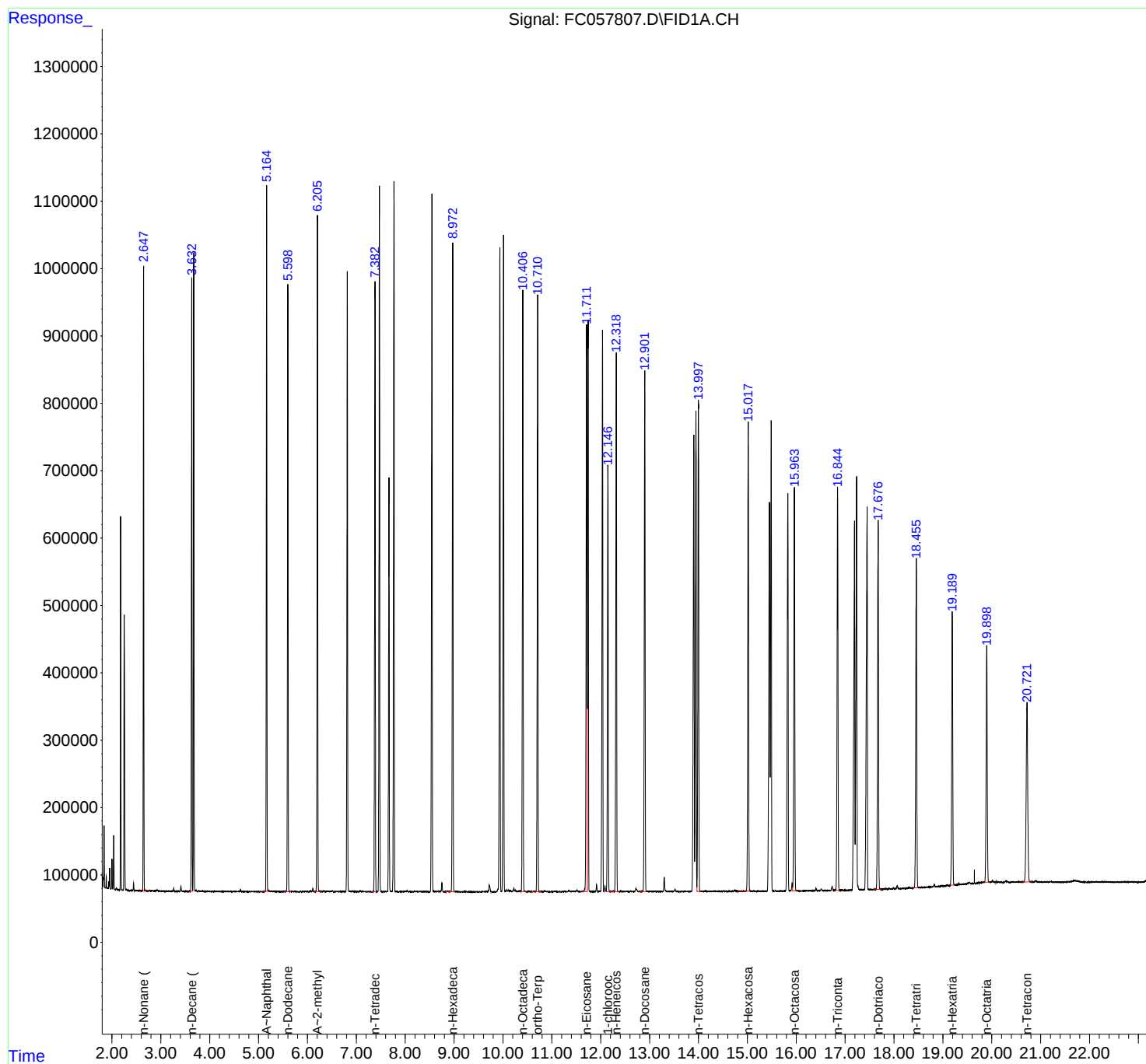
Instrument :
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ClientSampleId :
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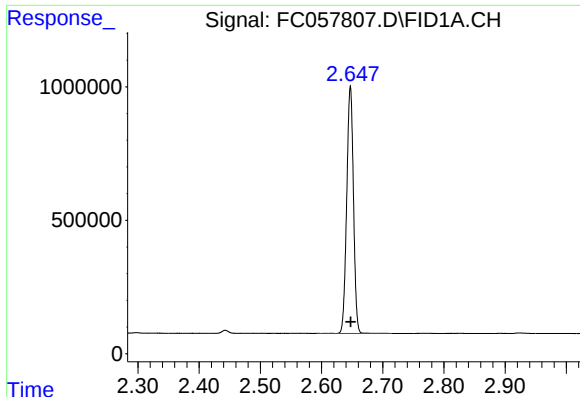
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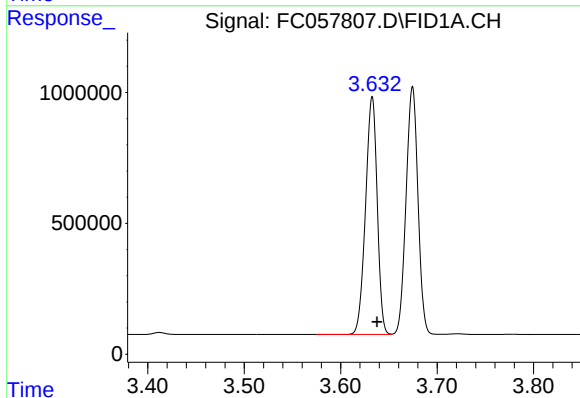
#1 n-Nonane (C9)

R.T.: 2.647 min
Delta R.T.: 0.000 min
Response: 7074355
Conc: 44.24 ug/ml

Instrument :
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ClientSampleId :
IDOC4

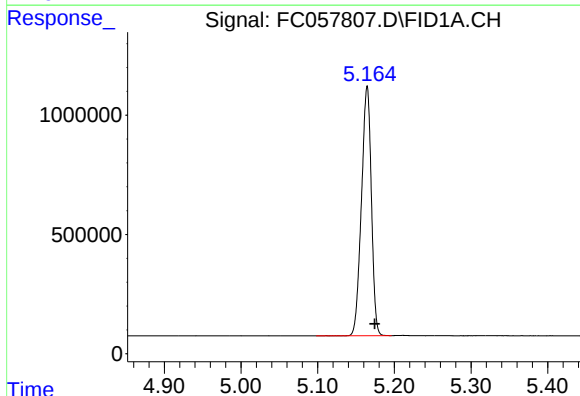
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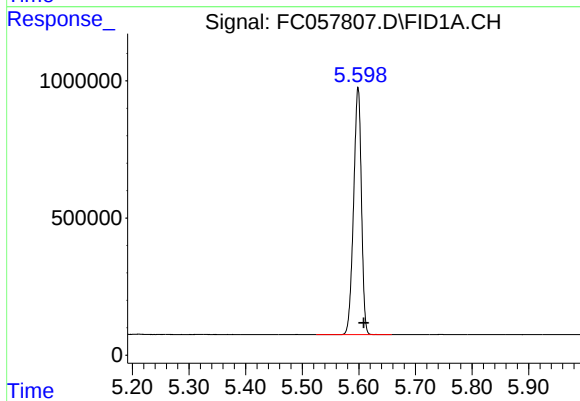
#2 n-Decane (C10)

R.T.: 3.632 min
Delta R.T.: -0.006 min
Response: 7655531
Conc: 47.63 ug/ml



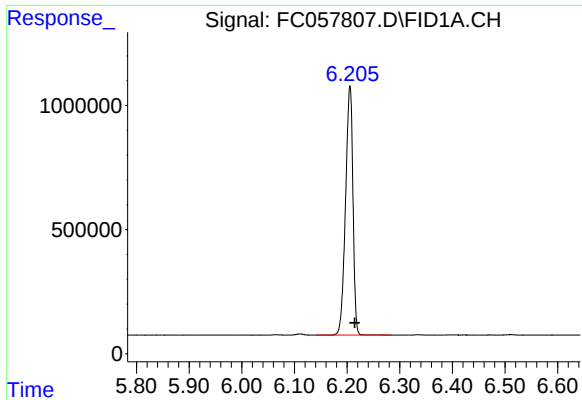
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.010 min
Response: 9370018
Conc: 51.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.598 min
Delta R.T.: -0.010 min
Response: 8646353
Conc: 53.61 ug/ml



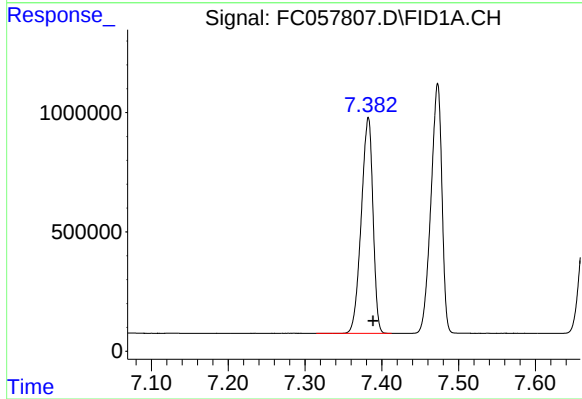
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.205 min
Delta R.T.: -0.010 min
Response: 9777965
Conc: 53.47 ug/ml

Instrument :
FID_C
ClientSampleId :
IDOC4

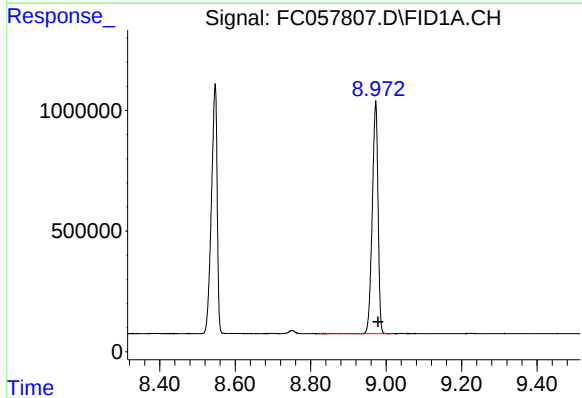
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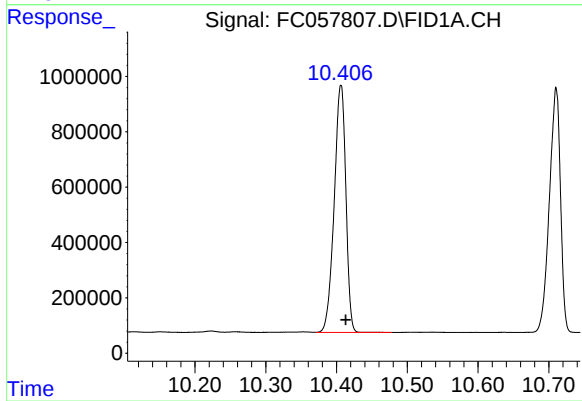
#6 n-Tetradecane (C14)

R.T.: 7.382 min
Delta R.T.: -0.007 min
Response: 9591605
Conc: 58.10 ug/ml



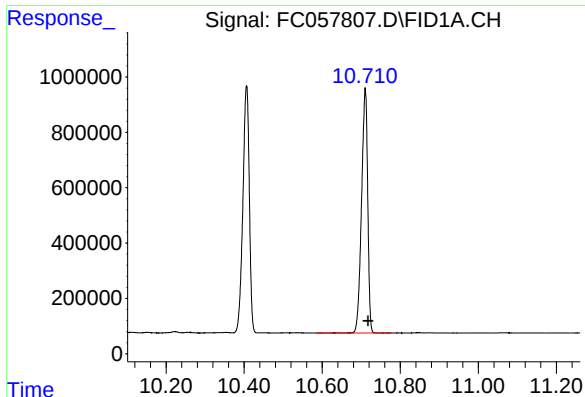
#7 n-Hexadecane (C16)

R.T.: 8.972 min
Delta R.T.: -0.007 min
Response: 10183276
Conc: 60.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.406 min
Delta R.T.: -0.007 min
Response: 10218332
Conc: 59.38 ug/ml



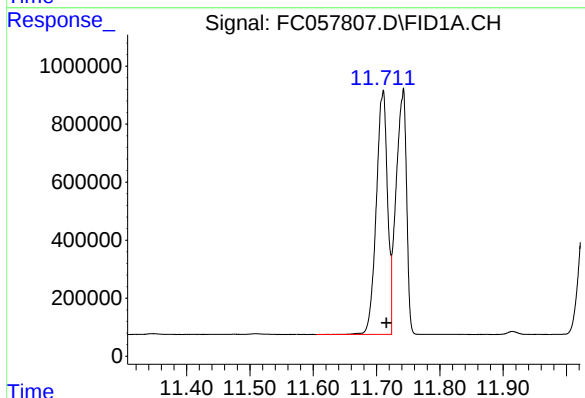
#9 ortho-Terphenyl (SURR)

R.T.: 10.710 min
Delta R.T.: -0.007 min
Response: 9634277
Conc: 49.82 ug/ml

Instrument :
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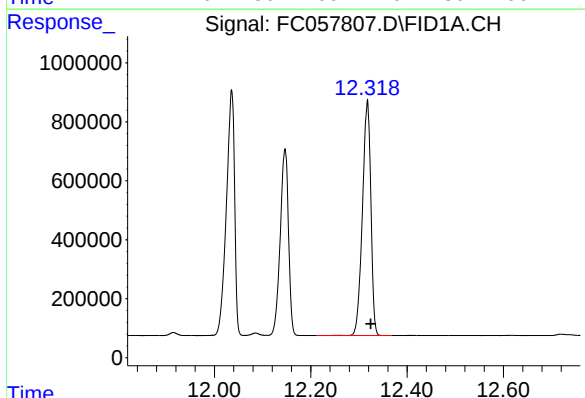
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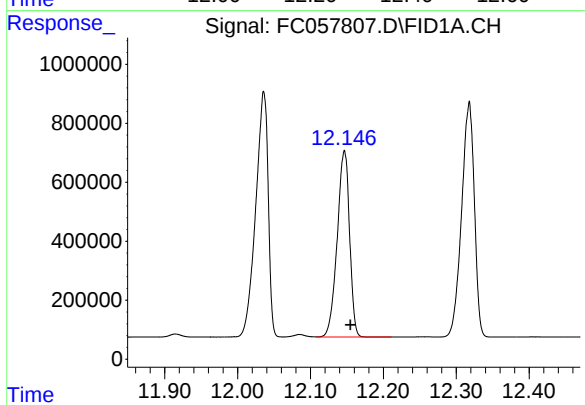
#10 n-Eicosane (C20)

R.T.: 11.710 min
Delta R.T.: -0.006 min
Response: 10346588
Conc: 60.44 ug/ml



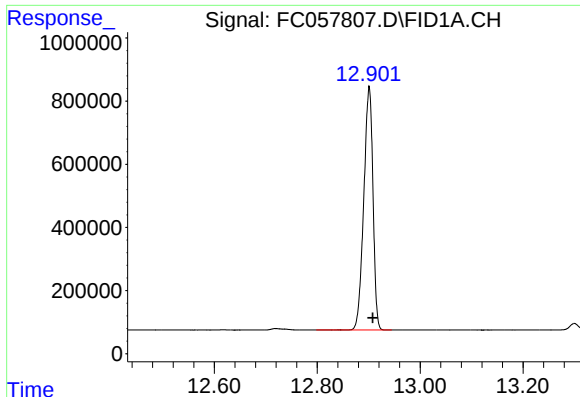
#11 n-Heneicosane (C21)

R.T.: 12.317 min
Delta R.T.: -0.007 min
Response: 9699332
Conc: 56.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.146 min
Delta R.T.: -0.008 min
Response: 7448168
Conc: 50.53 ug/ml



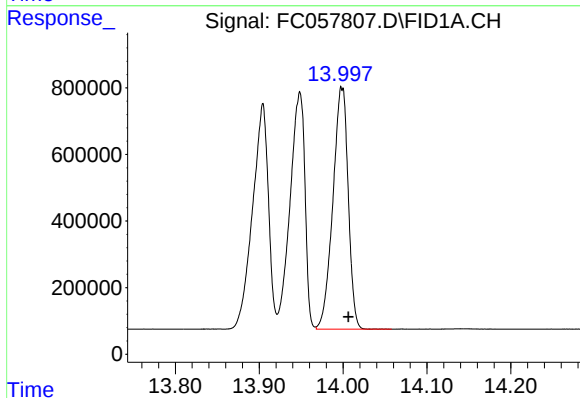
#13 n-Docosane (C22)

R.T.: 12.901 min
Delta R.T.: -0.007 min
Response: 9547049
Conc: 55.18 ug/ml

Instrument :
FID_C
ClientSampleId :
IDOC4

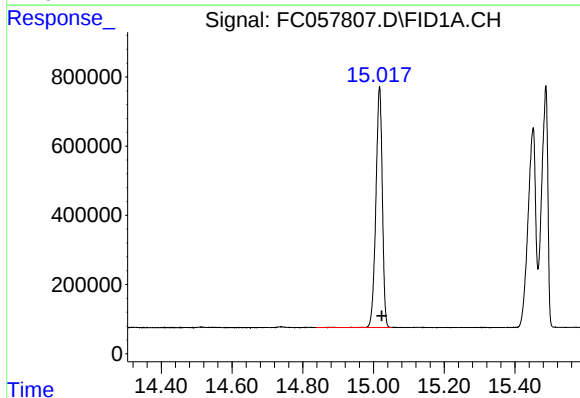
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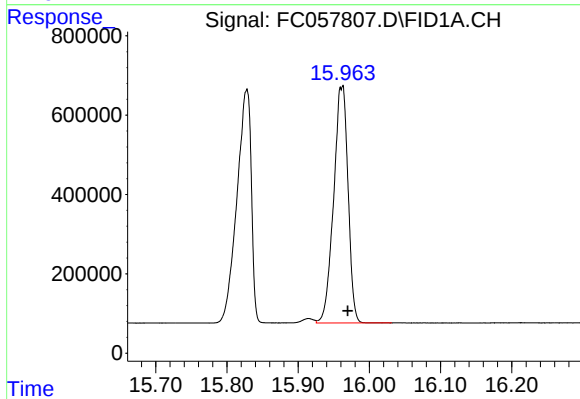
#14 n-Tetracosane (C24)

R.T.: 13.998 min
Delta R.T.: -0.008 min
Response: 9235795
Conc: 53.35 ug/ml



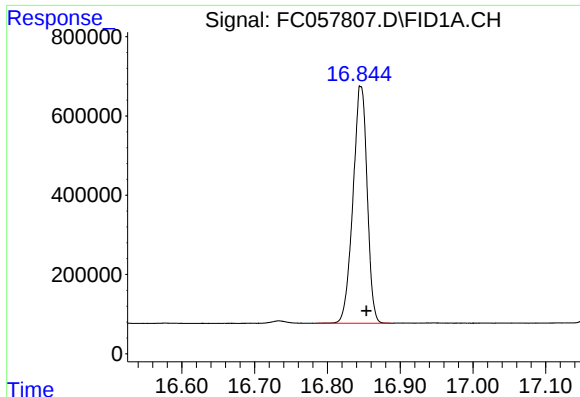
#15 n-Hexacosane (C26)

R.T.: 15.017 min
Delta R.T.: -0.006 min
Response: 8763030
Conc: 52.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.961 min
Delta R.T.: -0.008 min
Response: 8400153
Conc: 51.33 ug/ml



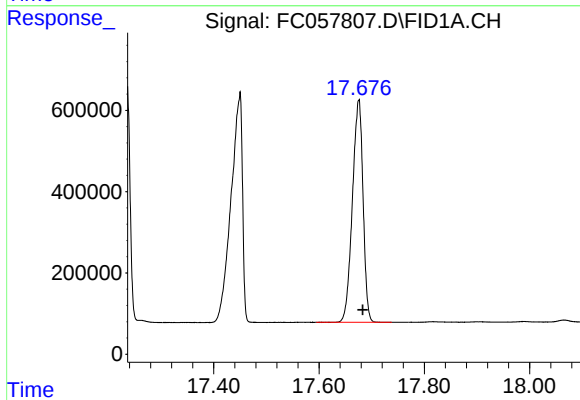
#17 n-Tricontane (C30)

R.T.: 16.846 min
Delta R.T.: -0.008 min
Response: 8097166
Conc: 51.86 ug/ml

Instrument :
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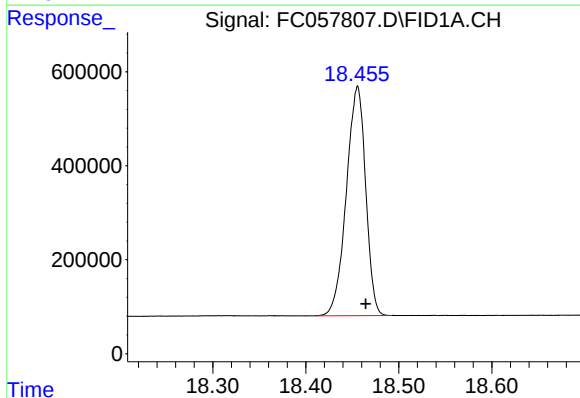
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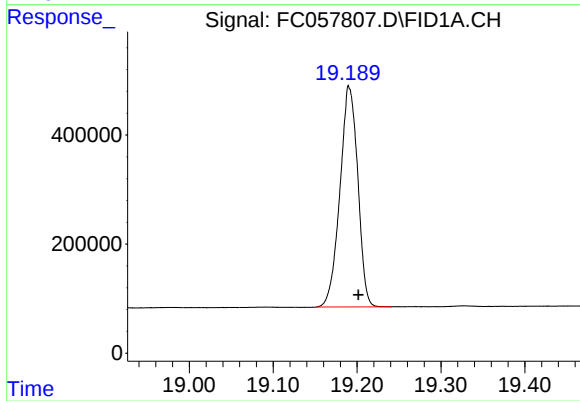
#18 n-Dotriacontane (C32)

R.T.: 17.675 min
Delta R.T.: -0.008 min
Response: 7697966
Conc: 55.21 ug/ml



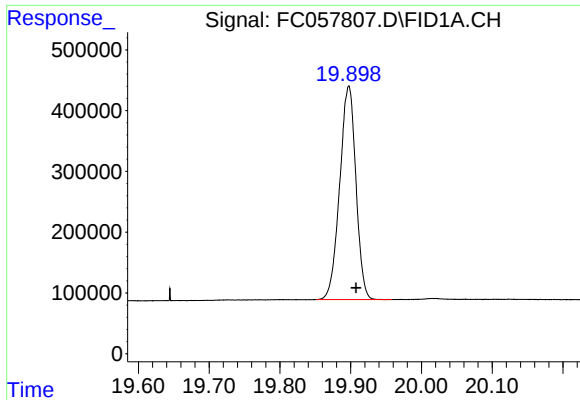
#19 n-Tetratriacontane (C34)

R.T.: 18.455 min
Delta R.T.: -0.009 min
Response: 7038587
Conc: 56.63 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.191 min
Delta R.T.: -0.011 min
Response: 5987131
Conc: 53.85 ug/ml



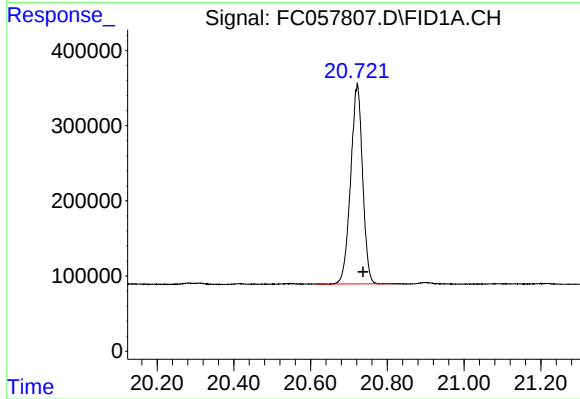
#21 n-Octatriacontane (C38)

R.T.: 19.897 min
Delta R.T.: -0.010 min
Response: 5587258
Conc: 53.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.721 min
Delta R.T.: -0.016 min
Response: 5735611
Conc: 59.90 ug/ml