

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120621AL\
 Data File : FC057231.D
 Signal(s) : FID1A.CH
 Acq On : 06 Dec 2021 18:33
 Operator : AJ\MA
 Sample : M4939-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-03-120321MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e
 Quant Time: Dec 07 00:53:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 2021
 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)	11.593	4217785	36.346 ug/mlm
Spiked Amount 50.000		Recovery =	72.69%
12) S 1-chlorooctadecane (S...	13.025	3466135	38.074 ug/mlm
Spiked Amount 50.000		Recovery =	76.15%
Target Compounds			
1) T n-Nonane (C9)	3.354	2825871	27.887 ug/ml
2) T n-Decane (C10)	4.421	3190194	31.858 ug/ml
3) T A~Naphthalene (C11.7)	6.009	3963477	35.495 ug/ml
4) T n-Dodecane (C12)	6.437	3632323	35.825 ug/ml
5) T A~2-methylnaphthalene...	7.067	4031429	36.563 ug/ml
6) T n-Tetradecane (C14)	8.233	4149144	40.951 ug/ml
7) T n-Hexadecane (C16)	9.832	4369077	42.577 ug/ml
8) T n-Octadecane (C18)	11.273	4470569	41.727 ug/ml
10) T n-Eicosane (C20)	12.581	4510211	42.169 ug/ml
11) T n-Heneicosane (C21)	13.190	4206819	38.847 ug/mlm
13) T n-Docosane (C22)	13.777	4131632	38.565 ug/ml
14) T n-Tetracosane (C24)	14.878	8184412	75.603 ug/ml
15) T n-Hexacosane (C26)	15.898	4000864	37.561 ug/mlm
16) T n-Octacosane (C28)	16.846	4244064	39.788 ug/ml
17) T n-Tricontane (C30)	17.734	4052681	38.023 ug/mlm
18) T n-Dotriacontane (C32)	18.561	4232089	40.122 ug/ml
19) T n-Tetratriacontane (C34)	19.342	3957891	38.098 ug/ml
20) T n-Hexatriacontane (C36)	20.081	3499470	34.646 ug/mlm
21) T n-Octatriacontane (C38)	20.814	3844025	41.876 ug/mlm
22) T n-Tetracontane (C40)	21.725	3469261	38.511 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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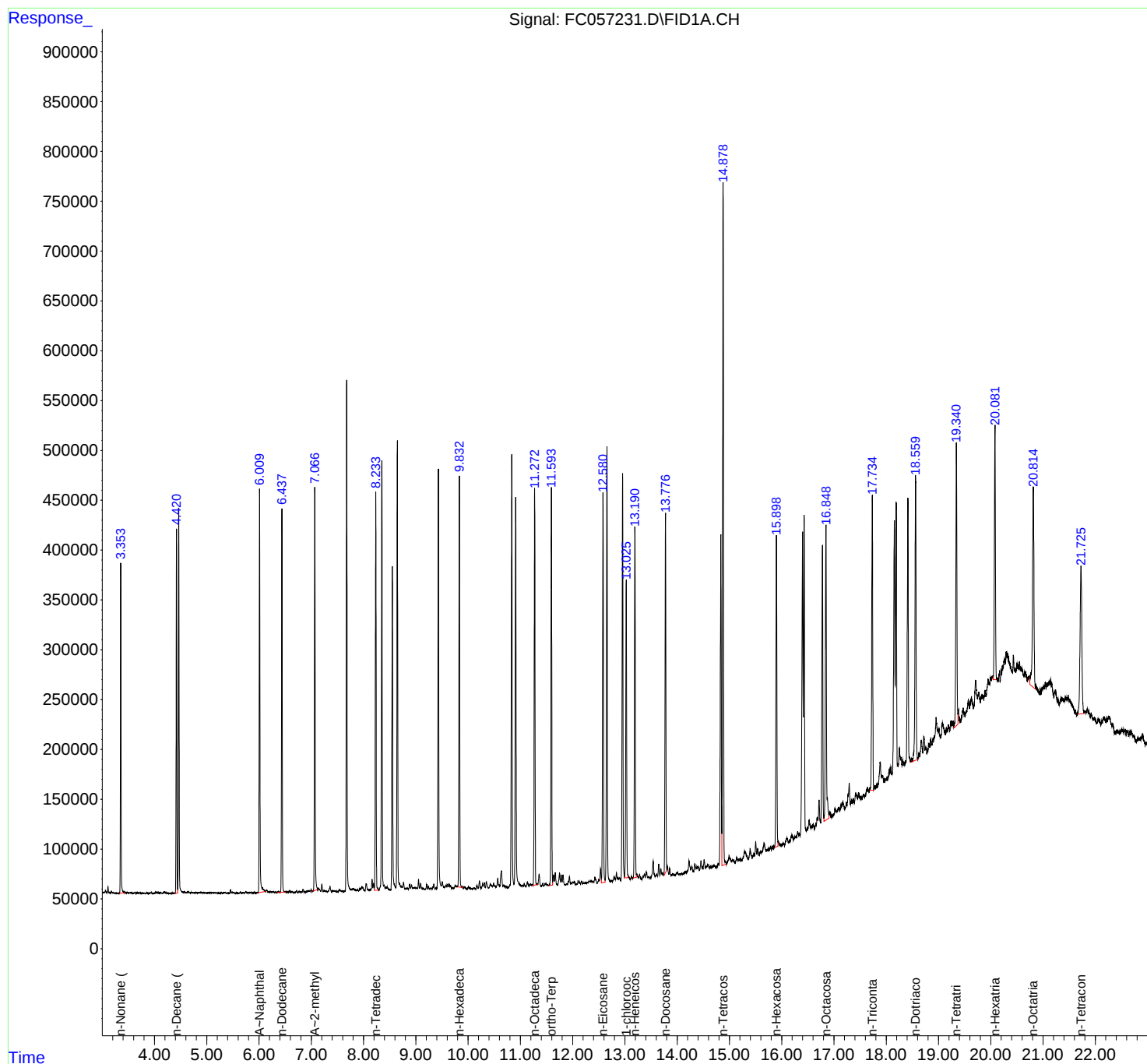
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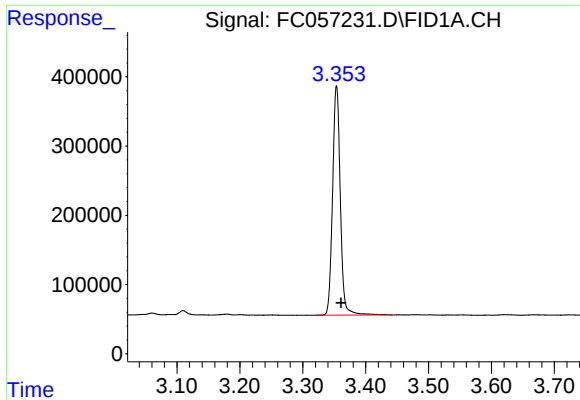
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#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.007 min
Response: 2825871
Conc: 27.89 ug/ml

Instrument :

FID_C

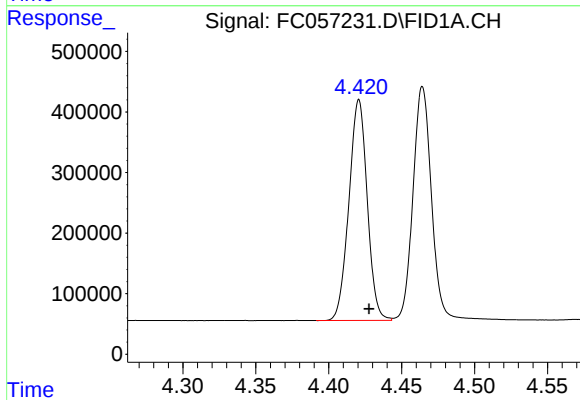
ClientSampleId :

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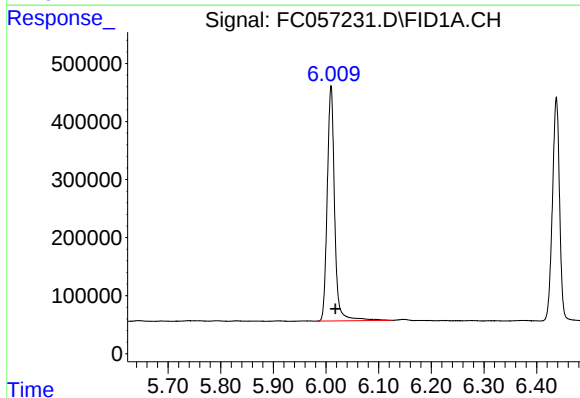
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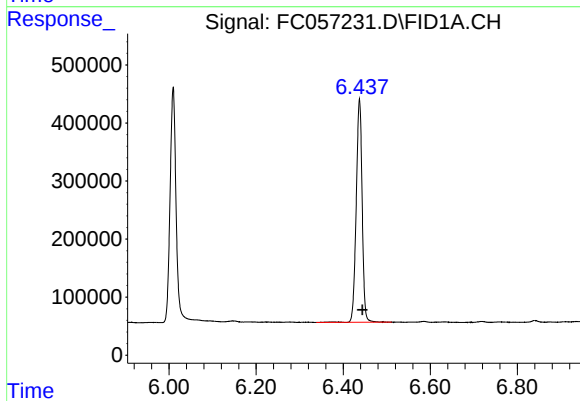
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: -0.007 min
Response: 3190194
Conc: 31.86 ug/ml



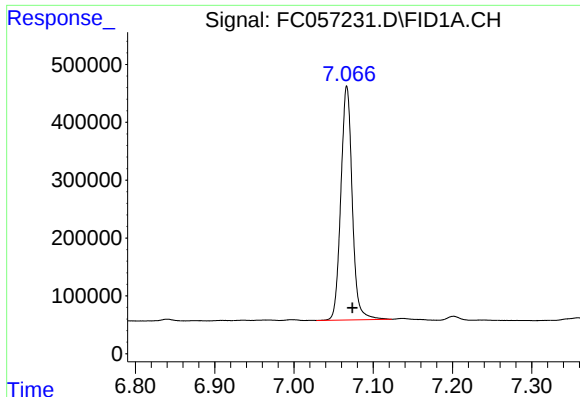
#3 A~Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: -0.008 min
Response: 3963477
Conc: 35.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.437 min
Delta R.T.: -0.007 min
Response: 3632323
Conc: 35.82 ug/ml



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

R.T.: 7.067 min
Delta R.T.: -0.007 min
Response: 4031429
Conc: 36.56 ug/ml

Instrument :

FID_C

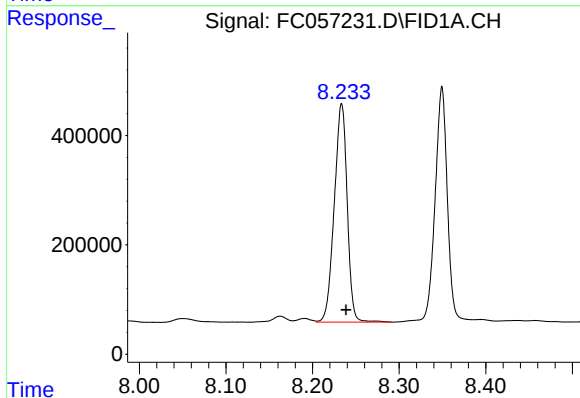
ClientSampleId :

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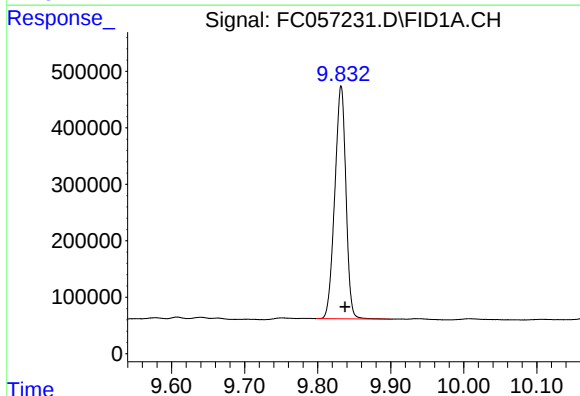
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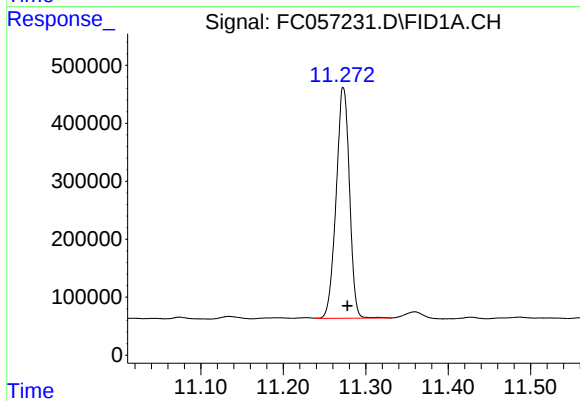
#6 n-Tetradecane (C14)

R.T.: 8.233 min
Delta R.T.: -0.005 min
Response: 4149144
Conc: 40.95 ug/ml



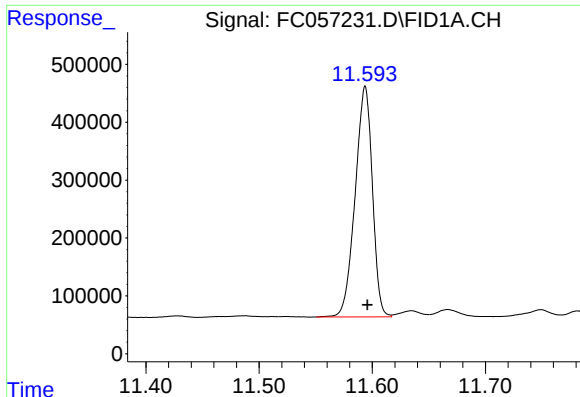
#7 n-Hexadecane (C16)

R.T.: 9.832 min
Delta R.T.: -0.006 min
Response: 4369077
Conc: 42.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: -0.005 min
Response: 4470569
Conc: 41.73 ug/ml



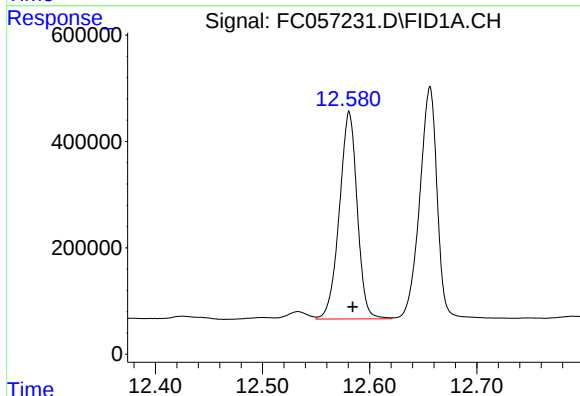
#9 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.002 min
Response: 4217785
Conc: 36.35 ug/ml

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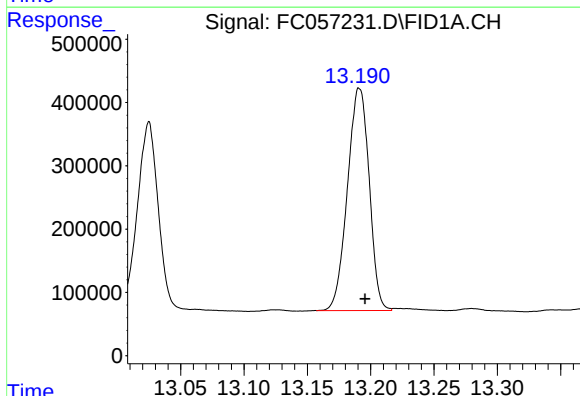
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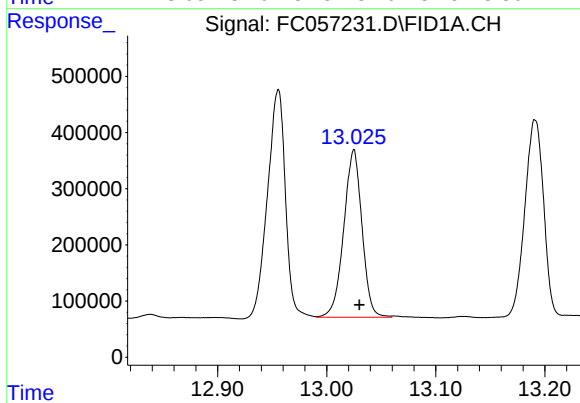
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: -0.003 min
Response: 4510211
Conc: 42.17 ug/ml



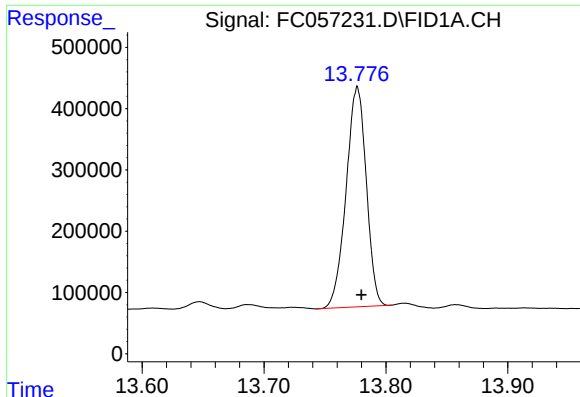
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: -0.006 min
Response: 4206819
Conc: 38.85 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: -0.005 min
Response: 3466135
Conc: 38.07 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.777 min
Delta R.T.: -0.003 min
Response: 4131632
Conc: 38.57 ug/ml

Instrument :

FID_C

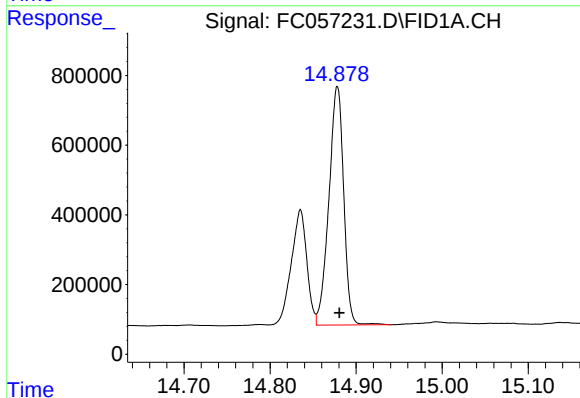
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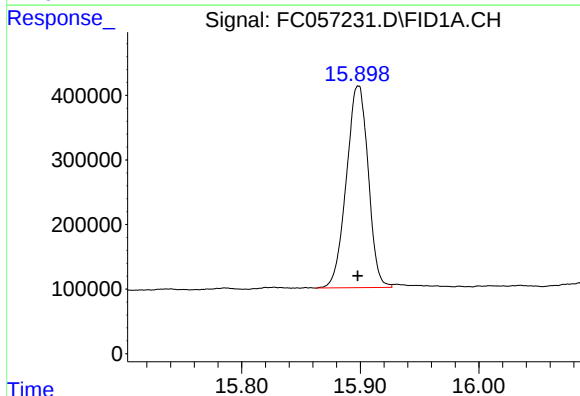
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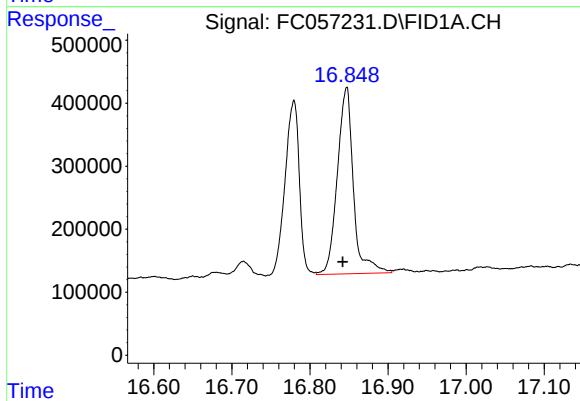
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.003 min
Response: 8184412
Conc: 75.60 ug/ml



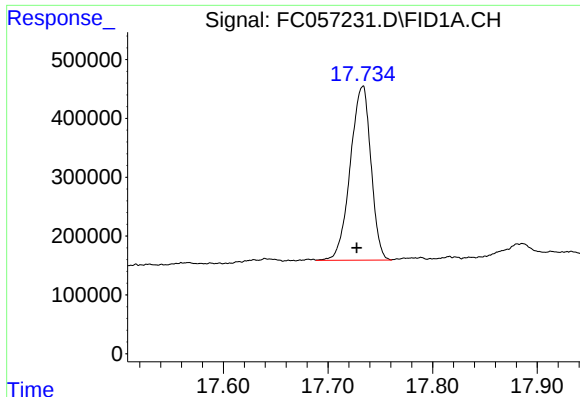
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.000 min
Response: 4000864
Conc: 37.56 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.846 min
Delta R.T.: 0.004 min
Response: 4244064
Conc: 39.79 ug/ml



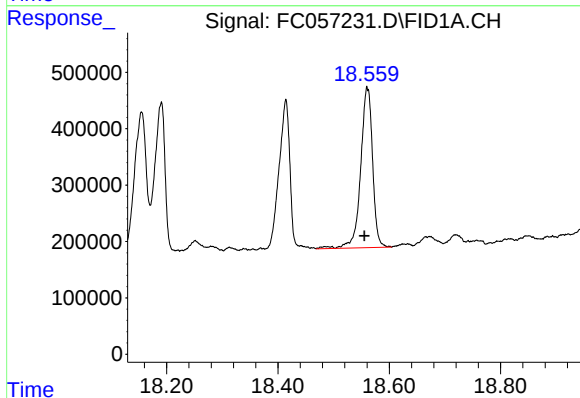
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: 0.006 min
Response: 4052681
Conc: 38.02 ug/ml

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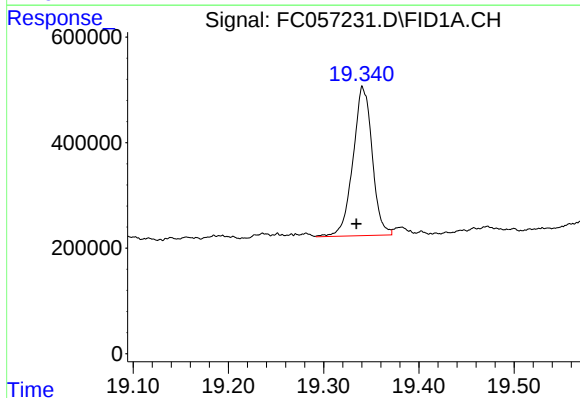
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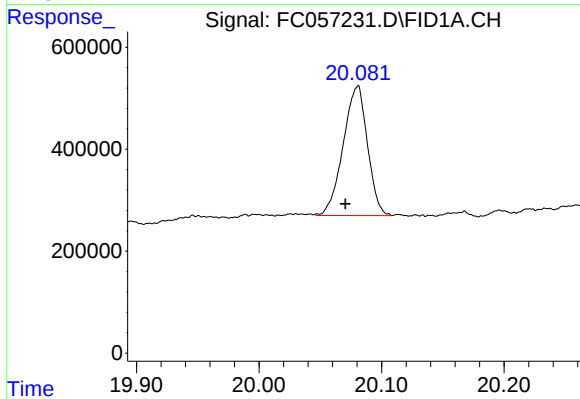
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: 0.005 min
Response: 4232089
Conc: 40.12 ug/ml



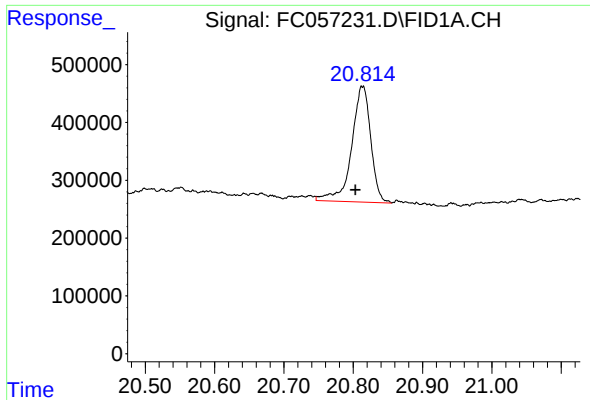
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: 0.007 min
Response: 3957891
Conc: 38.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: 0.011 min
Response: 3499470
Conc: 34.65 ug/ml m



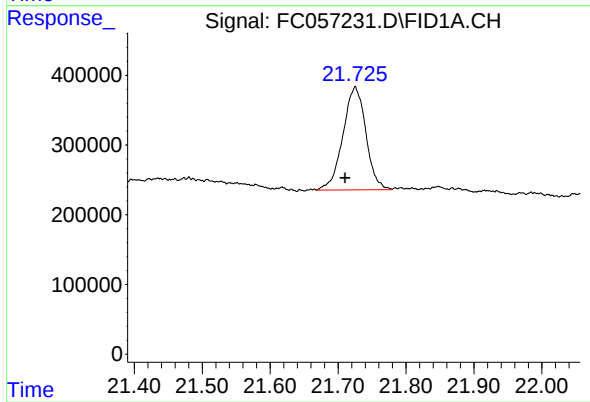
#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: 0.012 min
Response: 3844025
Conc: 41.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: 0.015 min
Response: 3469261
Conc: 38.51 ug/ml m