

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112321AL\
 Data File : FC057038.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2021 22:53
 Operator : AJ\MA
 Sample : M4781-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ETGI-354MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 02:16:23 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)	11.594	2982972	25.705 ug/ml
Spiked Amount 50.000		Recovery =	51.41%
12) S 1-chlorooctadecane (S...	13.024	2204838	24.219 ug/ml
Spiked Amount 50.000		Recovery =	48.44%
Target Compounds			
1) T n-Nonane (C9)	3.356	3665602	36.174 ug/ml
2) T n-Decane (C10)	4.425	4326416	43.204 ug/ml
3) T A~Naphthalene (C11.7)	6.014	5008800	44.857 ug/ml
4) T n-Dodecane (C12)	6.443	4738419	46.734 ug/ml
5) T A~2-methylnaphthalene...	7.071	5027151	45.593 ug/ml
6) T n-Tetradecane (C14)	8.238	5054309	49.885 ug/ml
7) T n-Hexadecane (C16)	9.836	5439420	53.007 ug/ml
8) T n-Octadecane (C18)	11.276	5745952	53.631 ug/ml
10) T n-Eicosane (C20)	12.584	5609094	52.443 ug/ml
11) T n-Heneicosane (C21)	13.194	5490579	50.701 ug/ml
13) T n-Docosane (C22)	13.778	5411690	50.513 ug/ml
14) T n-Tetracosane (C24)	14.876	10223951	94.443 ug/ml
15) T n-Hexacosane (C26)	15.897	5091203	47.797 ug/ml
16) T n-Octacosane (C28)	16.841	4986749	46.751 ug/ml
17) T n-Tricontane (C30)	17.728	4802193	45.055 ug/ml
18) T n-Dotriacontane (C32)	18.554	4791577	45.426 ug/ml
19) T n-Tetratriacontane (C34)	19.335	4356284	41.933 ug/ml
20) T n-Hexatriacontane (C36)	20.070	4055131	40.147 ug/ml
21) T n-Octatriacontane (C38)	20.800	3722650	40.553 ug/ml
22) T n-Tetracontane (C40)	21.707	3814522	42.344 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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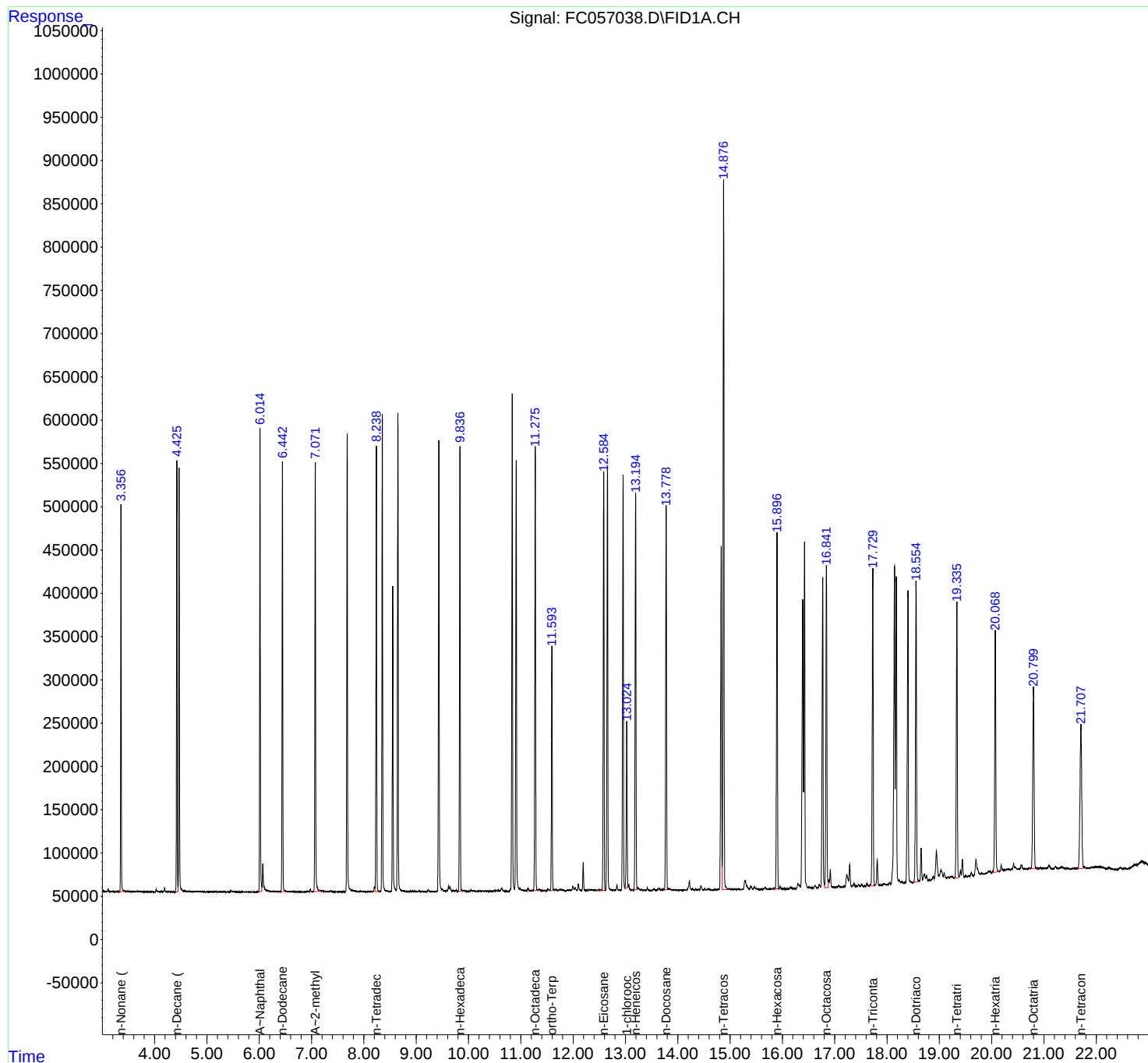
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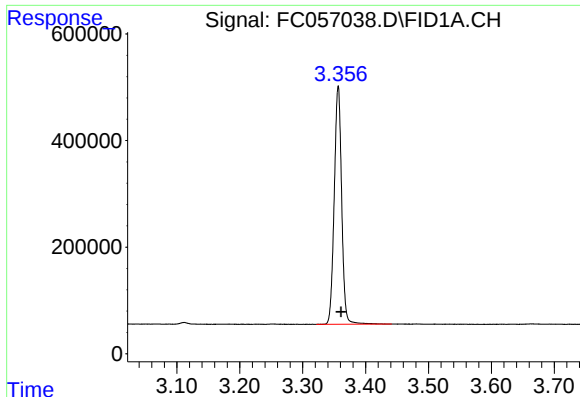
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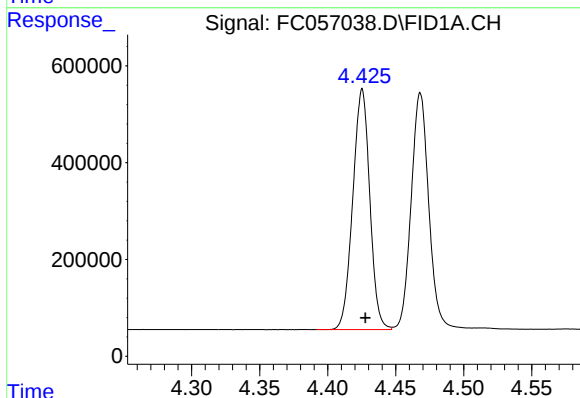
#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: -0.005 min
Response: 3665602
Conc: 36.17 ug/ml

Instrument :
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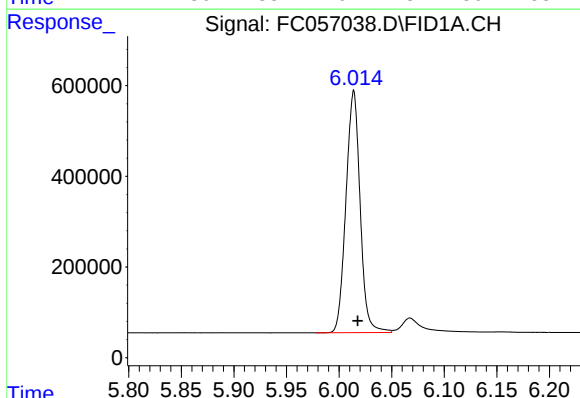
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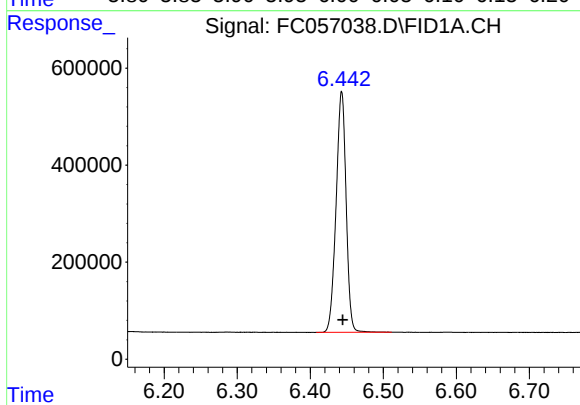
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.002 min
Response: 4326416
Conc: 43.20 ug/ml



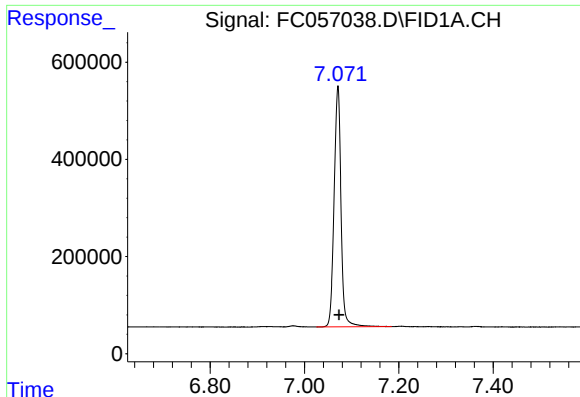
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 5008800
Conc: 44.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.443 min
Delta R.T.: -0.001 min
Response: 4738419
Conc: 46.73 ug/ml



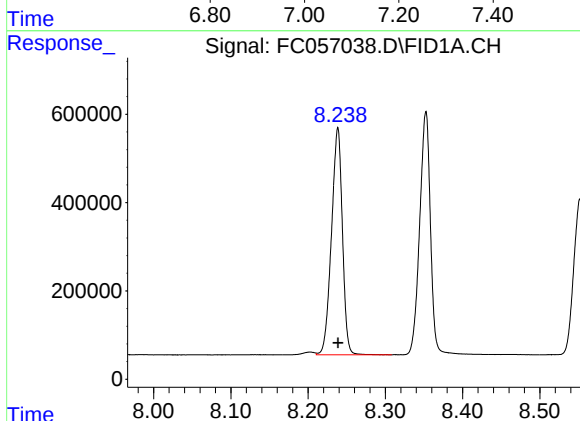
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 5027151
Conc: 45.59 ug/ml

Instrument :
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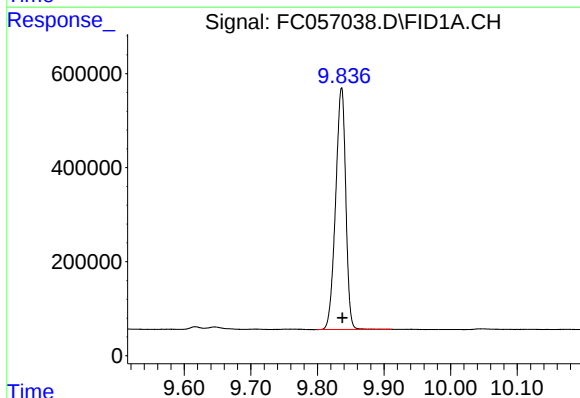
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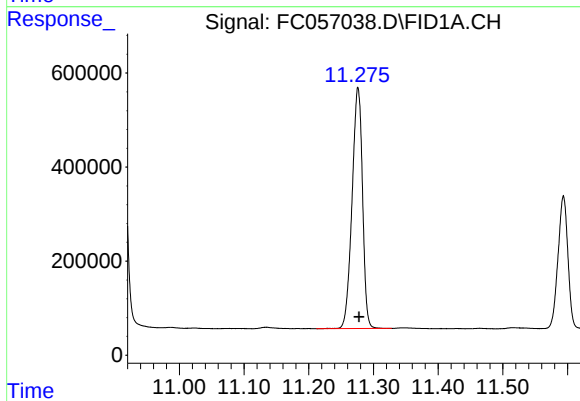
#6 n-Tetradecane (C14)

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 5054309
Conc: 49.88 ug/ml



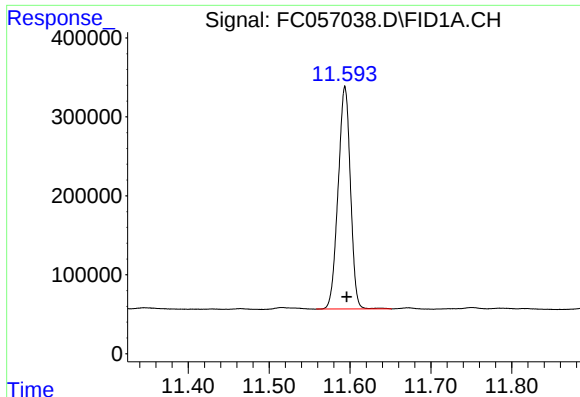
#7 n-Hexadecane (C16)

R.T.: 9.836 min
Delta R.T.: -0.002 min
Response: 5439420
Conc: 53.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.002 min
Response: 5745952
Conc: 53.63 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.002 min
Response: 2982972
Conc: 25.70 ug/ml

Instrument :

FID_C

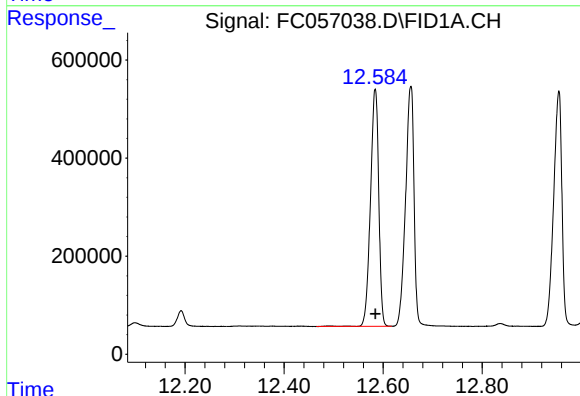
ClientSampleId :

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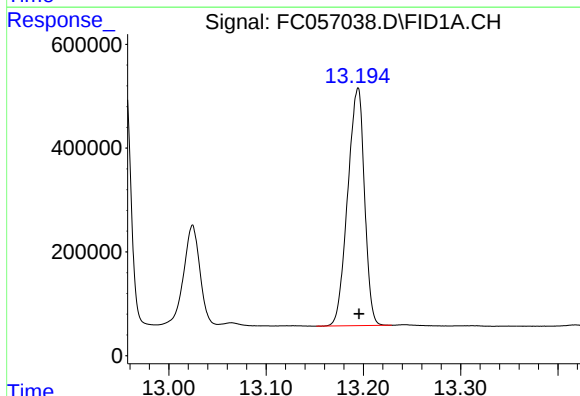
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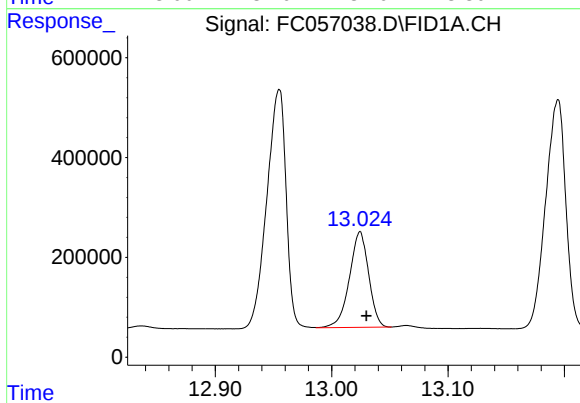
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: 0.000 min
Response: 5609094
Conc: 52.44 ug/ml



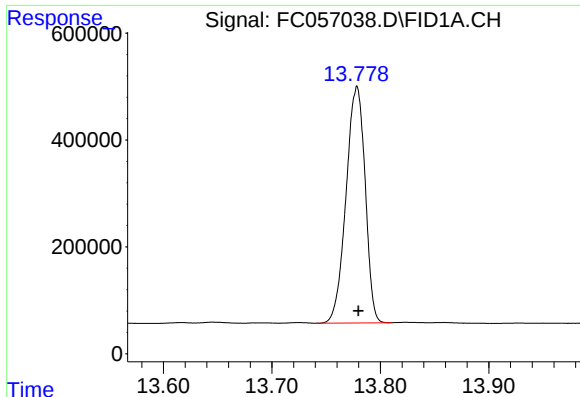
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: -0.002 min
Response: 5490579
Conc: 50.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min
Delta R.T.: -0.006 min
Response: 2204838
Conc: 24.22 ug/ml



#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: -0.002 min
Response: 5411690
Conc: 50.51 ug/ml

Instrument :

FID_C

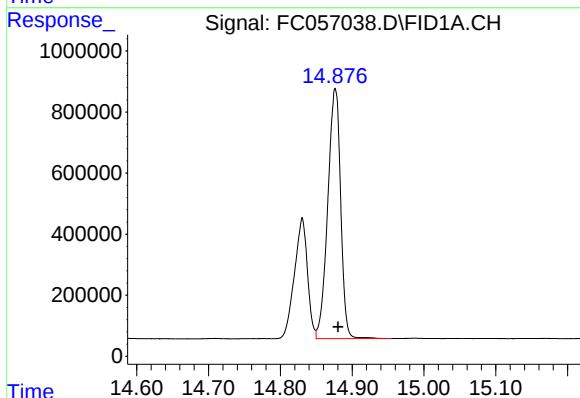
ClientSampleId :

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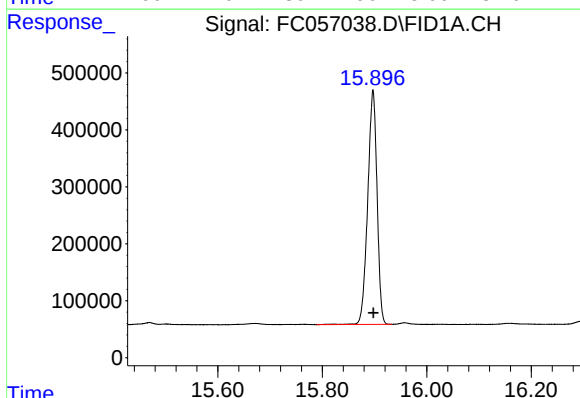
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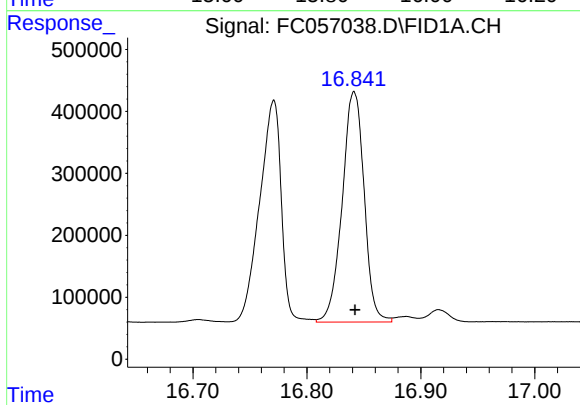
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.004 min
Response: 10223951
Conc: 94.44 ug/ml



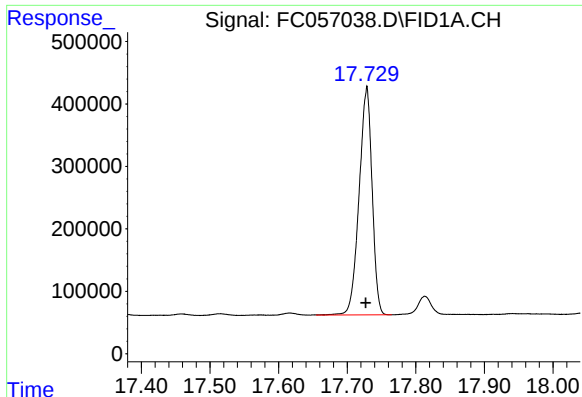
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: 0.000 min
Response: 5091203
Conc: 47.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: 0.000 min
Response: 4986749
Conc: 46.75 ug/ml



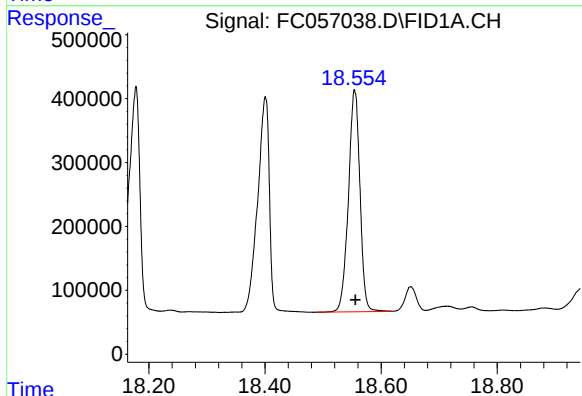
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: 0.000 min
Response: 4802193
Conc: 45.05 ug/ml

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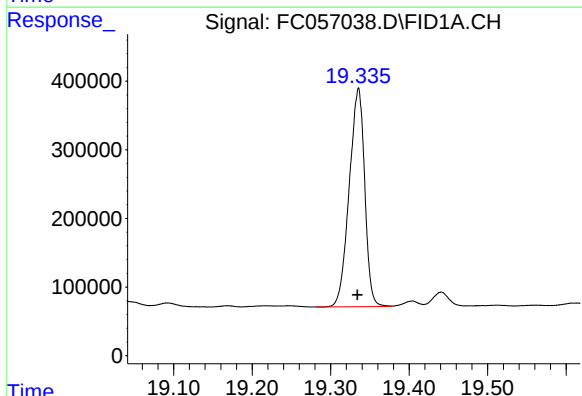
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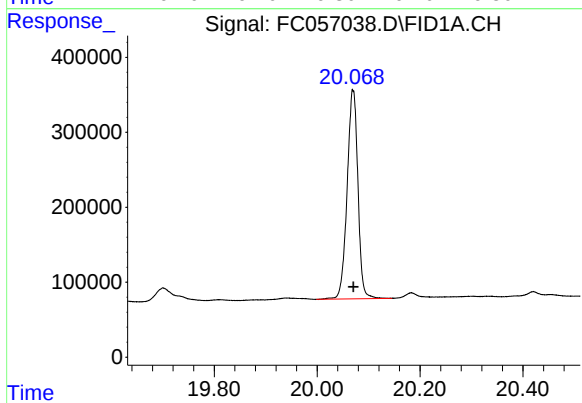
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.001 min
Response: 4791577
Conc: 45.43 ug/ml



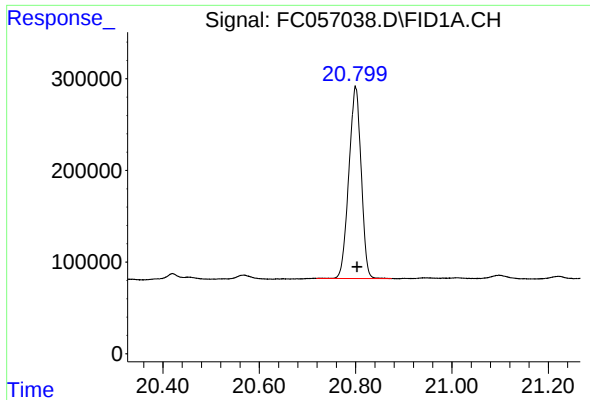
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: 0.000 min
Response: 4356284
Conc: 41.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.000 min
Response: 4055131
Conc: 40.15 ug/ml



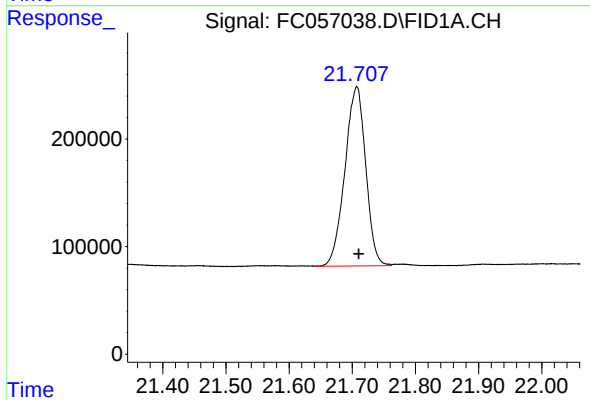
#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: -0.003 min
Response: 3722650
Conc: 40.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: -0.003 min
Response: 3814522
Conc: 42.34 ug/ml m