

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051022AL\
 Data File : FC059683.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2022 5:01
 Operator : UA/NP
 Sample : N2758-07MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/11/2022
 Supervised By :mohammad ahmed 05/11/2022

Integration File: sample.E
 Quant Time: May 11 07:16:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.668	5836909	39.749 ug/mlm
Spiked Amount 50.000		Recovery =	79.50%
12) S 1-chlorooctadecane (S...	12.034	4480684	38.935 ug/ml
Spiked Amount 50.000		Recovery =	77.87%
Target Compounds			
1) T n-Nonane (C9)	2.667	7006382	54.865 ug/ml
2) T n-Decane (C10)	3.652	7338752	57.947 ug/ml
3) T A~Naphthalene (C11.7)	5.178	8308631	56.427 ug/ml
4) T n-Dodecane (C12)	5.595	7463107	56.750 ug/ml
5) T A~2-methylnaphthalene...	6.202	8079386	53.748 ug/ml
6) T n-Tetradecane (C14)	7.348	7424247	55.175 ug/mlm
7) T n-Hexadecane (C16)	8.912	7835758	57.106 ug/ml
8) T n-Octadecane (C18)	10.323	7535309	54.680 ug/mlm
10) T n-Eicosane (C20)	11.603	7240563	53.835 ug/ml
11) T n-Heneicosane (C21)	12.200	7007948	52.532 ug/ml
13) T n-Docosane (C22)	12.773	6752844	51.454 ug/ml
14) T n-Tetracosane (C24)	13.845	13848586	110.065 ug/ml
15) T n-Hexacosane (C26)	14.853	6222352	52.100 ug/mlm
16) T n-Octacosane (C28)	15.777	6176331	54.252 ug/ml
17) T n-Tricontane (C30)	16.649	5688550	51.750 ug/ml
18) T n-Dotriacontane (C32)	17.461	5787772	55.984 ug/mlm
19) T n-Tetratriacontane (C34)	18.224	5105652	52.295 ug/mlm
20) T n-Hexatriacontane (C36)	18.947	4824357	51.968 ug/mlm
21) T n-Octatriacontane (C38)	19.631	4819489	50.628 ug/mlm
22) T n-Tetracontane (C40)	20.278	4652831	49.151 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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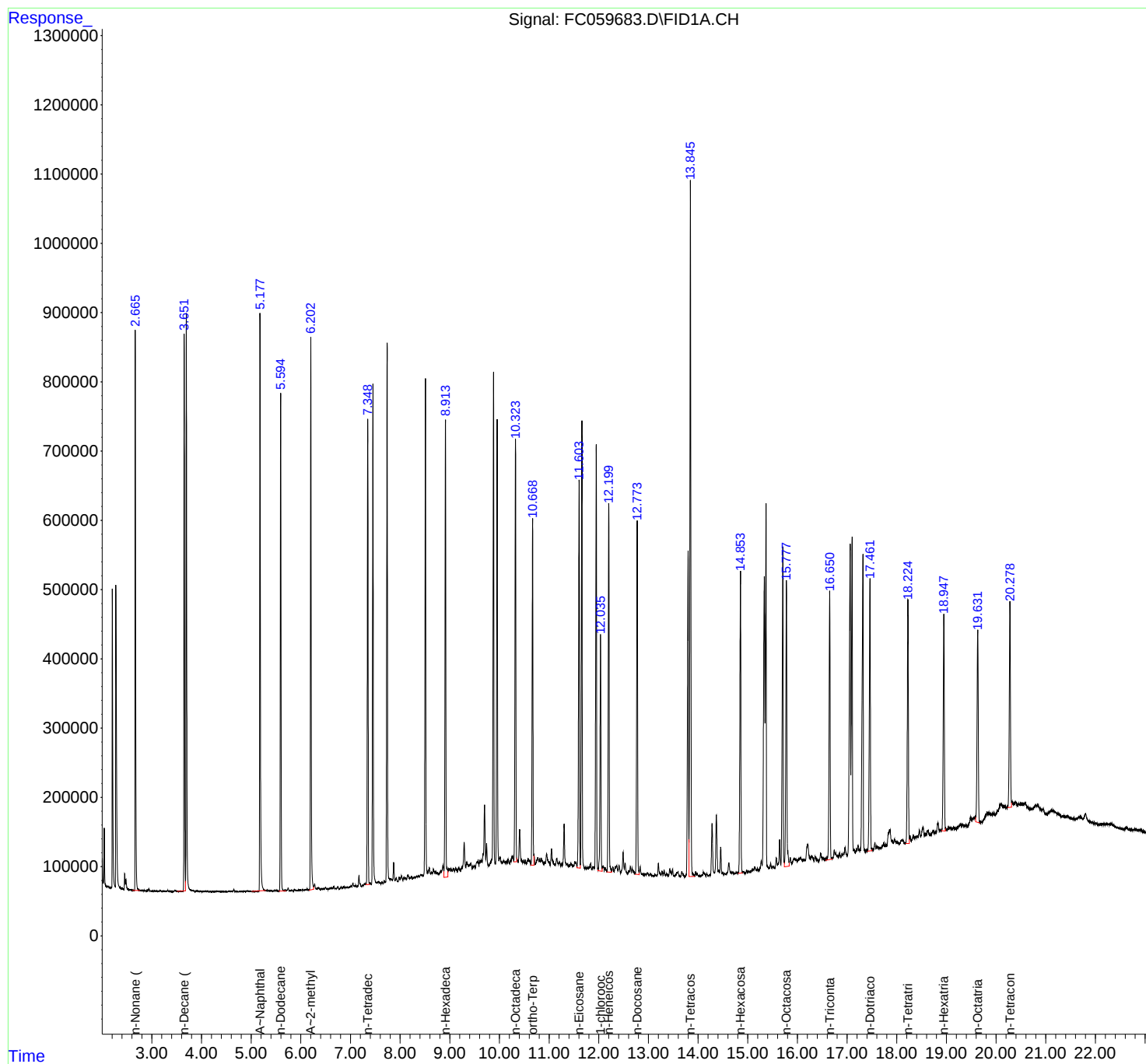
Instrument :
FID_C
ClientSampleId :
5MS

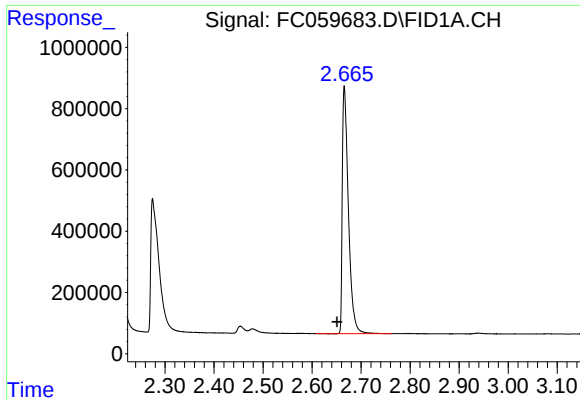
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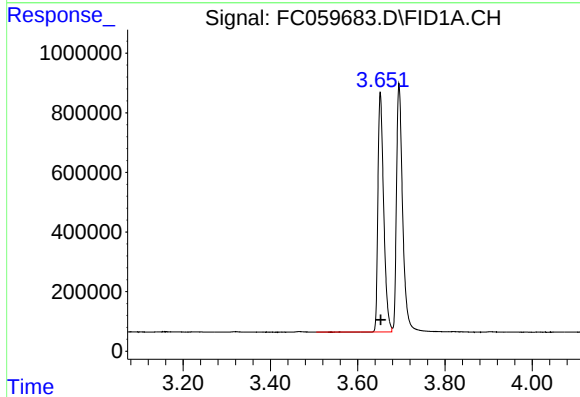
#1 n-Nonane (C9)

R.T.: 2.667 min
Delta R.T.: 0.016 min
Response: 7006382
Conc: 54.86 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS

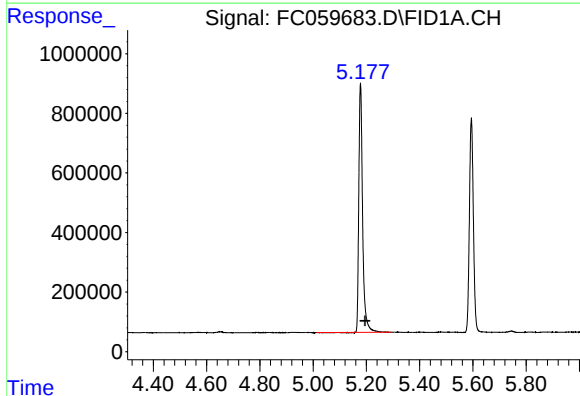
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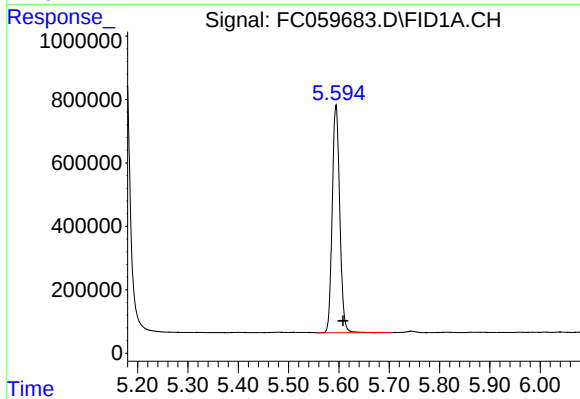
#2 n-Decane (C10)

R.T.: 3.652 min
Delta R.T.: 0.000 min
Response: 7338752
Conc: 57.95 ug/ml



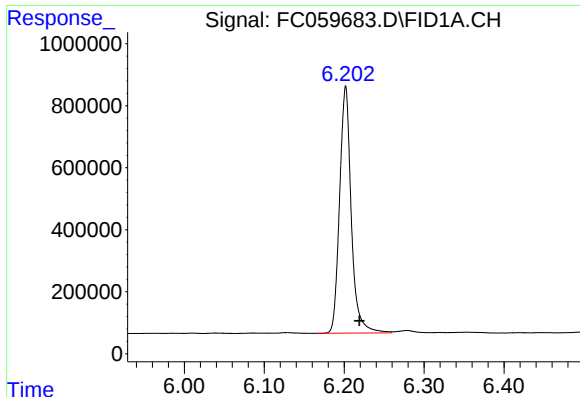
#3 A~Naphthalene (C11.7)

R.T.: 5.178 min
Delta R.T.: -0.016 min
Response: 8308631
Conc: 56.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.595 min
Delta R.T.: -0.014 min
Response: 7463107
Conc: 56.75 ug/ml



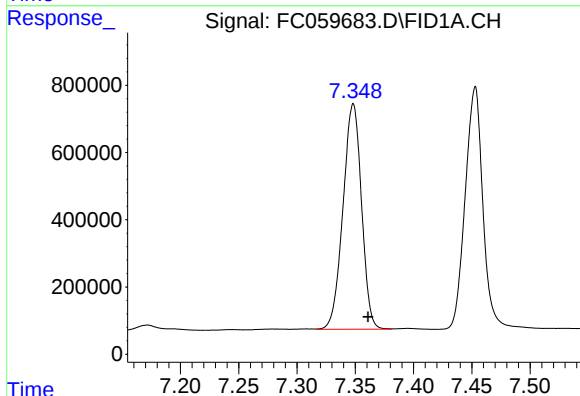
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.202 min
Delta R.T.: -0.017 min
Response: 8079386
Conc: 53.75 ug/ml

Instrument :
FID_C
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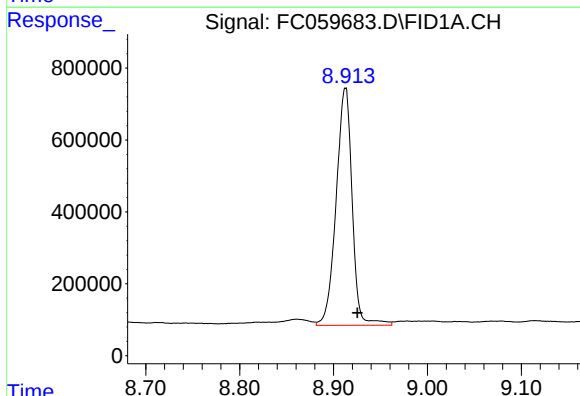
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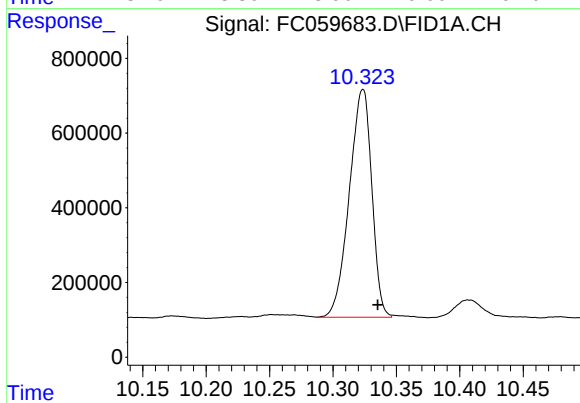
#6 n-Tetradecane (C14)

R.T.: 7.348 min
Delta R.T.: -0.013 min
Response: 7424247
Conc: 55.17 ug/ml m



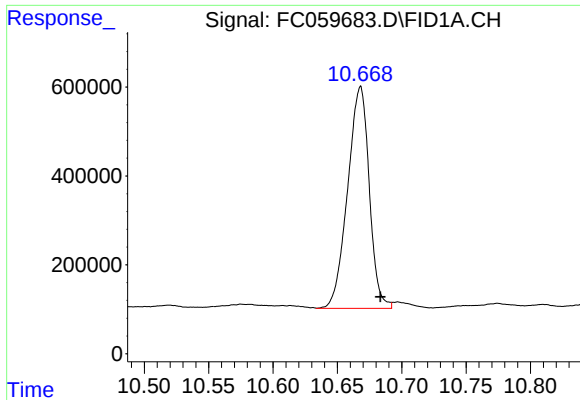
#7 n-Hexadecane (C16)

R.T.: 8.912 min
Delta R.T.: -0.014 min
Response: 7835758
Conc: 57.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.323 min
Delta R.T.: -0.012 min
Response: 7535309
Conc: 54.68 ug/ml m



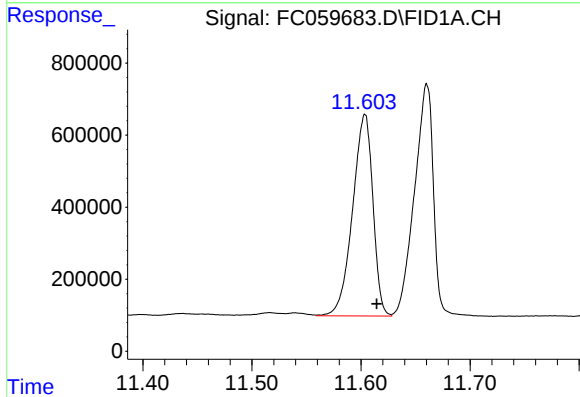
#9 ortho-Terphenyl (SURR)

R.T.: 10.668 min
Delta R.T.: -0.015 min
Response: 5836909
Conc: 39.75 ug/ml

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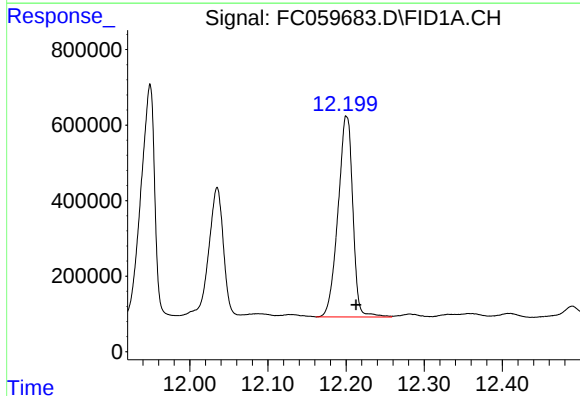
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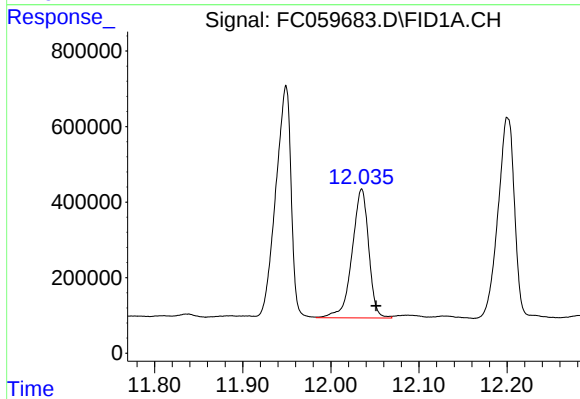
#10 n-Eicosane (C20)

R.T.: 11.603 min
Delta R.T.: -0.012 min
Response: 7240563
Conc: 53.83 ug/ml



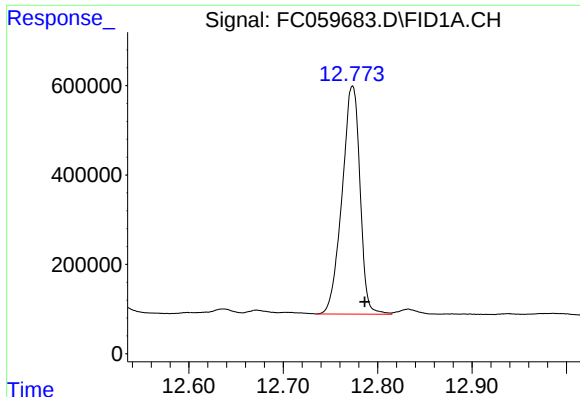
#11 n-Heneicosane (C21)

R.T.: 12.200 min
Delta R.T.: -0.013 min
Response: 7007948
Conc: 52.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.034 min
Delta R.T.: -0.017 min
Response: 4480684
Conc: 38.94 ug/ml



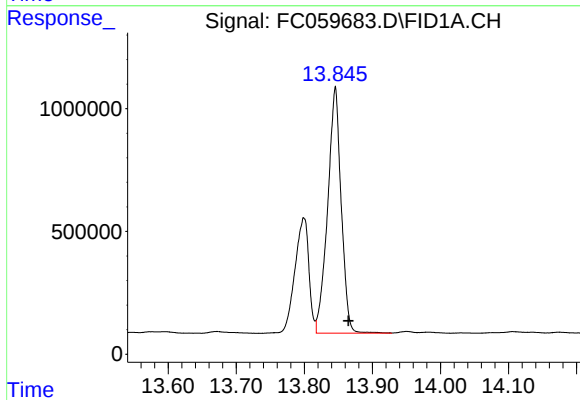
#13 n-Docosane (C22)

R.T.: 12.773 min
Delta R.T.: -0.014 min
Response: 6752844
Conc: 51.45 ug/ml

Instrument :
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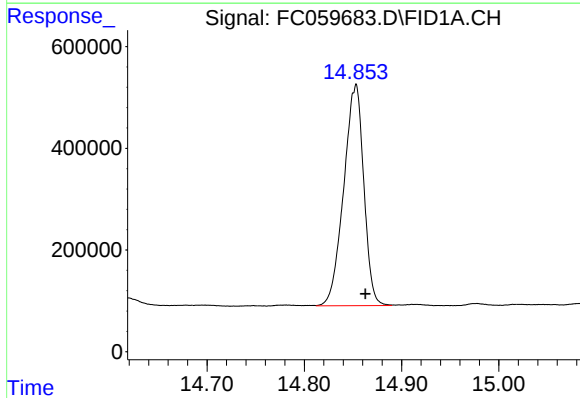
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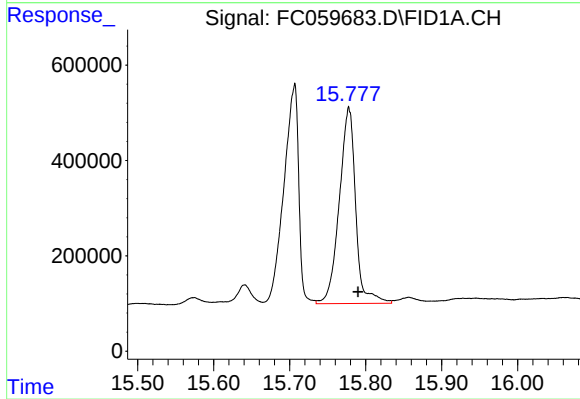
#14 n-Tetracosane (C24)

R.T.: 13.845 min
Delta R.T.: -0.020 min
Response: 13848586
Conc: 110.07 ug/ml



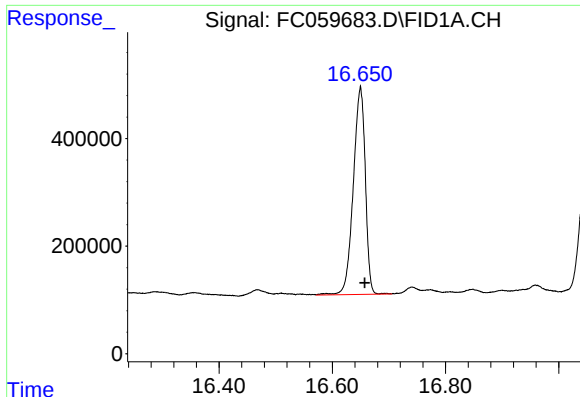
#15 n-Hexacosane (C26)

R.T.: 14.853 min
Delta R.T.: -0.010 min
Response: 6222352
Conc: 52.10 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.777 min
Delta R.T.: -0.013 min
Response: 6176331
Conc: 54.25 ug/ml



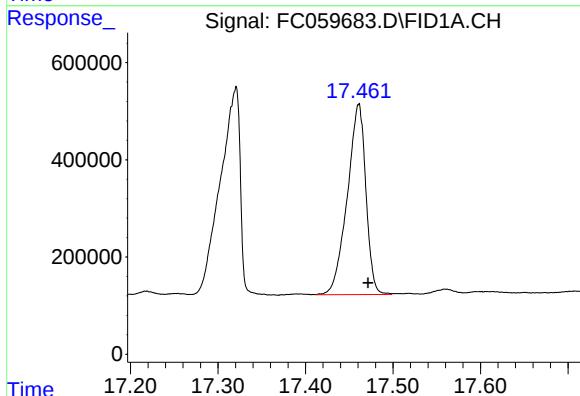
#17 n-Tricontane (C30)

R.T.: 16.649 min
Delta R.T.: -0.008 min
Response: 5688550
Conc: 51.75 ug/ml

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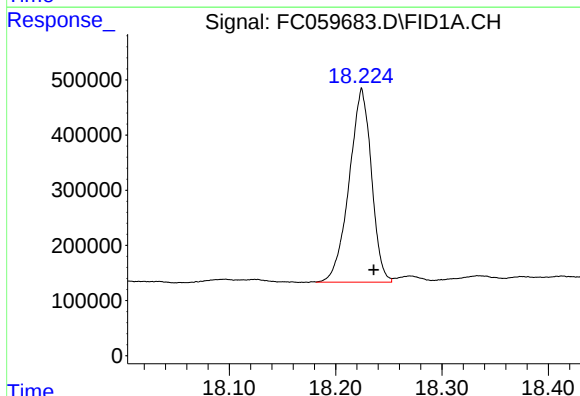
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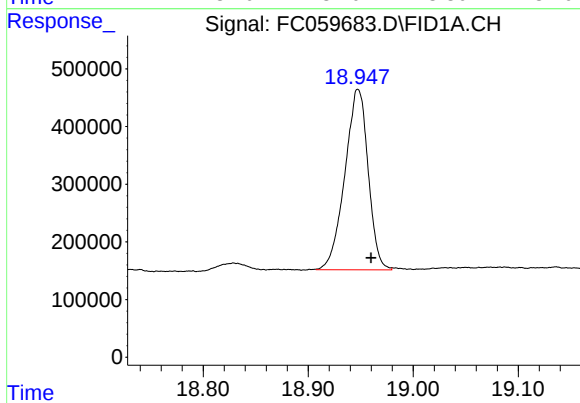
#18 n-Dotriacontane (C32)

R.T.: 17.461 min
Delta R.T.: -0.010 min
Response: 5787772
Conc: 55.98 ug/ml m



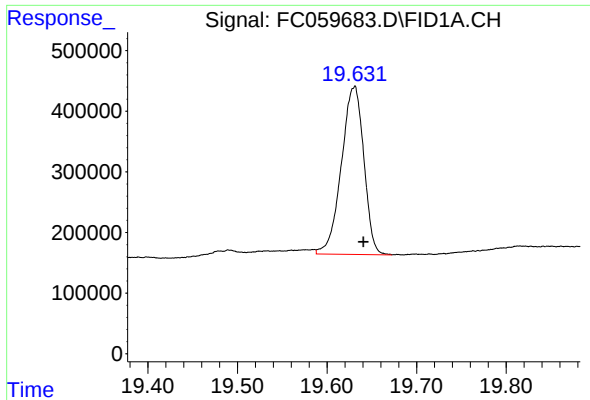
#19 n-Tetratriacontane (C34)

R.T.: 18.224 min
Delta R.T.: -0.012 min
Response: 5105652
Conc: 52.30 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.947 min
Delta R.T.: -0.013 min
Response: 4824357
Conc: 51.97 ug/ml m



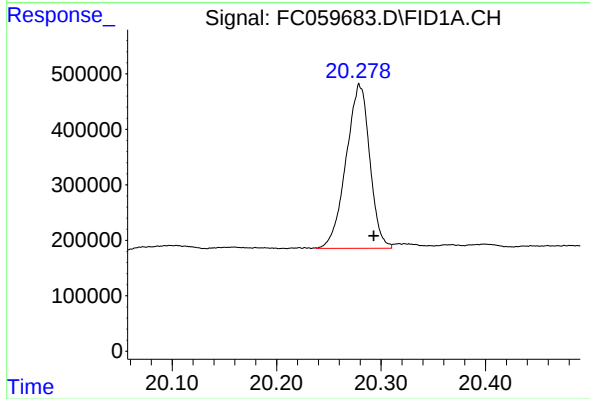
#21 n-Octatriacontane (C38)

R.T.: 19.631 min
Delta R.T.: -0.009 min
Response: 4819489
Conc: 50.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.278 min
Delta R.T.: -0.015 min
Response: 4652831
Conc: 49.15 ug/ml m