

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051022AL\
 Data File : FC059675.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2022 23:16
 Operator : UA/NP
 Sample : N2749-10MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-4MS

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 01:40:13 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)	10.665	5201340	35.420 ug/mlm
Spiked Amount 50.000		Recovery =	70.84%
12) S 1-chlorooctadecane (S...	12.032	4053956	35.227 ug/ml
Spiked Amount 50.000		Recovery =	70.45%
Target Compounds			
1) T n-Nonane (C9)	2.643	5023781	39.340 ug/ml
2) T n-Decane (C10)	3.642	5591112	44.147 ug/ml
3) T A~Naphthalene (C11.7)	5.177	7162232	48.642 ug/ml
4) T n-Dodecane (C12)	5.595	6389503	48.586 ug/ml
5) T A~2-methylnaphthalene...	6.201	7253757	48.256 ug/ml
6) T n-Tetradecane (C14)	7.349	7028763	52.236 ug/mlm
7) T n-Hexadecane (C16)	8.911	7475757	54.482 ug/ml
8) T n-Octadecane (C18)	10.321	7688685	55.793 ug/mlm
10) T n-Eicosane (C20)	11.601	7445180	55.356 ug/ml
11) T n-Heneicosane (C21)	12.198	7226332	54.169 ug/ml
13) T n-Docosane (C22)	12.771	7161742	54.570 ug/ml
14) T n-Tetracosane (C24)	13.842	13206011	104.958 ug/ml
15) T n-Hexacosane (C26)	14.849	6471113	54.183 ug/ml
16) T n-Octacosane (C28)	15.774	6218648	54.623 ug/ml
17) T n-Tricontane (C30)	16.645	5886286	53.549 ug/ml
18) T n-Dotriacontane (C32)	17.455	5803432	56.136 ug/mlm
19) T n-Tetratriacontane (C34)	18.218	5179081	53.047 ug/mlm
20) T n-Hexatriacontane (C36)	18.941	4916302	52.958 ug/mlm
21) T n-Octatriacontane (C38)	19.621	4663890	48.994 ug/mlm
22) T n-Tetracontane (C40)	20.273	4568820	48.263 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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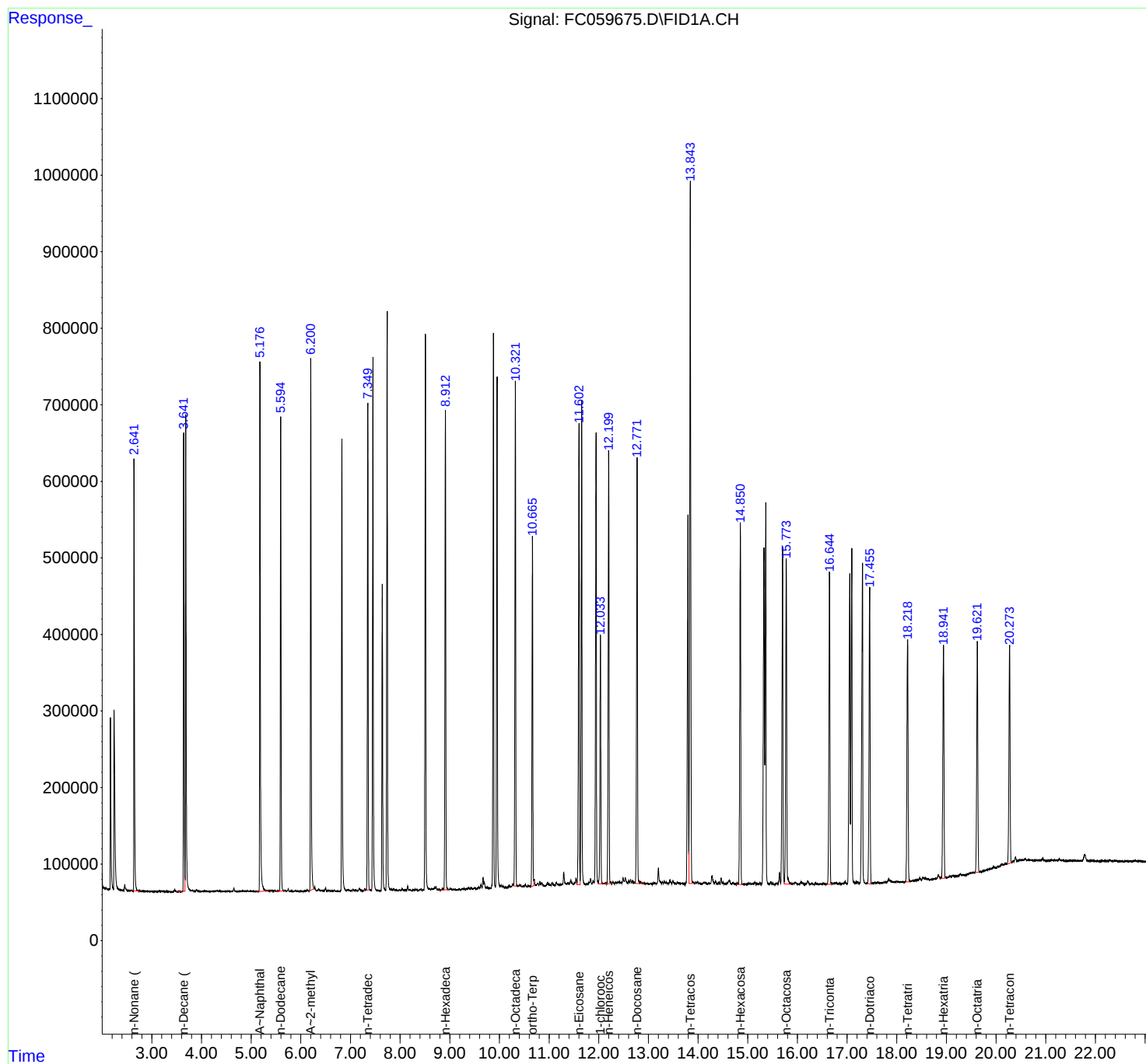
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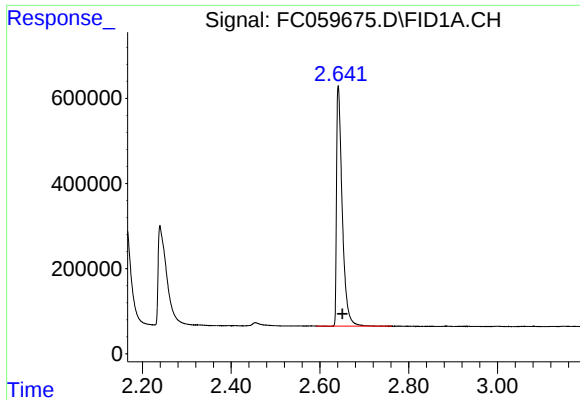
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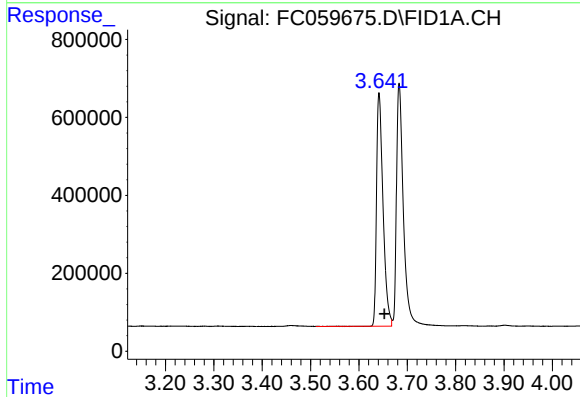
#1 n-Nonane (C9)

R.T.: 2.643 min
Delta R.T.: -0.008 min
Response: 5023781
Conc: 39.34 ug/ml

Instrument :
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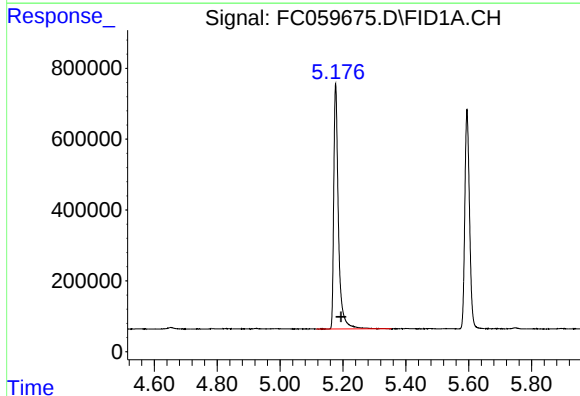
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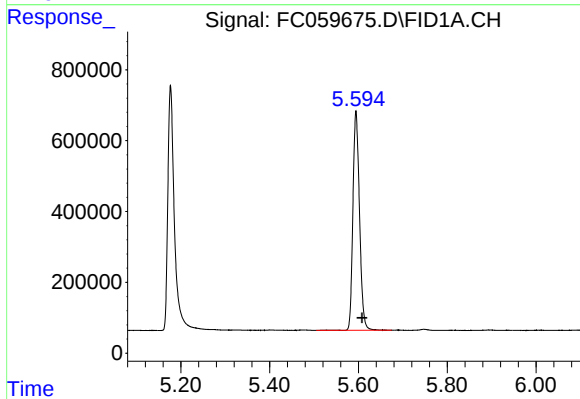
#2 n-Decane (C10)

R.T.: 3.642 min
Delta R.T.: -0.010 min
Response: 5591112
Conc: 44.15 ug/ml



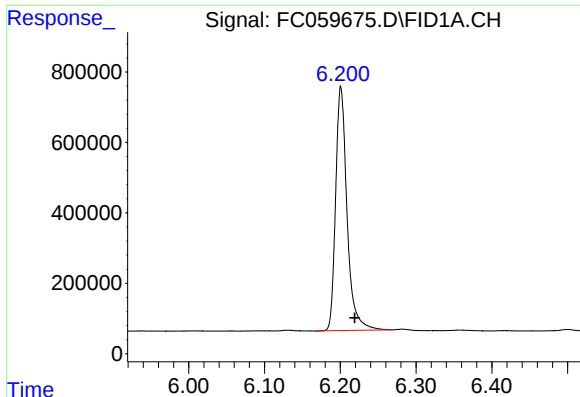
#3 A~Naphthalene (C11.7)

R.T.: 5.177 min
Delta R.T.: -0.017 min
Response: 7162232
Conc: 48.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.595 min
Delta R.T.: -0.014 min
Response: 6389503
Conc: 48.59 ug/ml



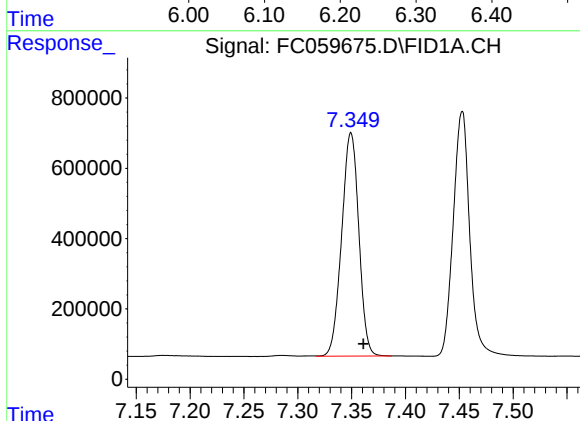
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.201 min
Delta R.T.: -0.018 min
Response: 7253757
Conc: 48.26 ug/ml

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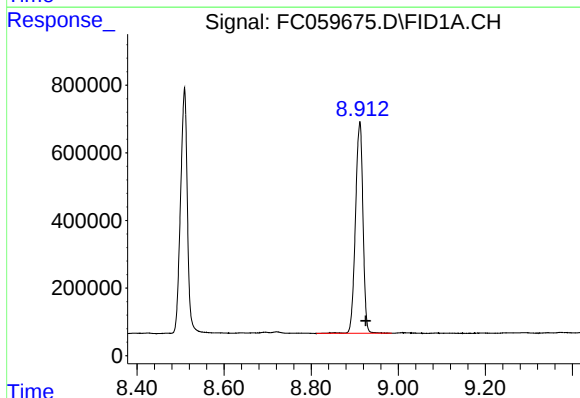
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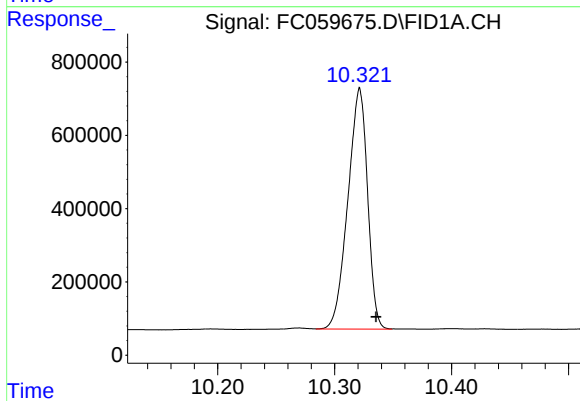
#6 n-Tetradecane (C14)

R.T.: 7.349 min
Delta R.T.: -0.012 min
Response: 7028763
Conc: 52.24 ug/ml m



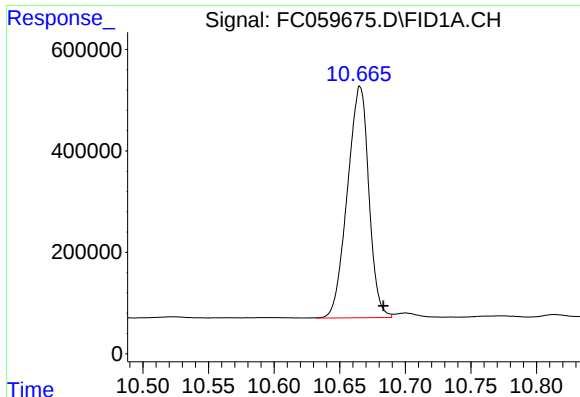
#7 n-Hexadecane (C16)

R.T.: 8.911 min
Delta R.T.: -0.015 min
Response: 7475757
Conc: 54.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.321 min
Delta R.T.: -0.014 min
Response: 7688685
Conc: 55.79 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 10.665 min
Delta R.T.: -0.019 min
Response: 5201340
Conc: 35.42 ug/ml

Instrument :

FID_C

ClientSampleId :

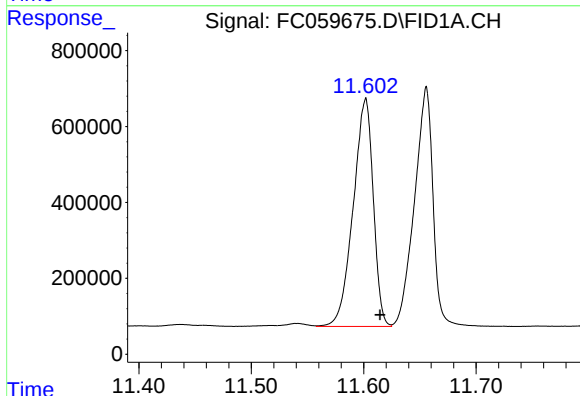
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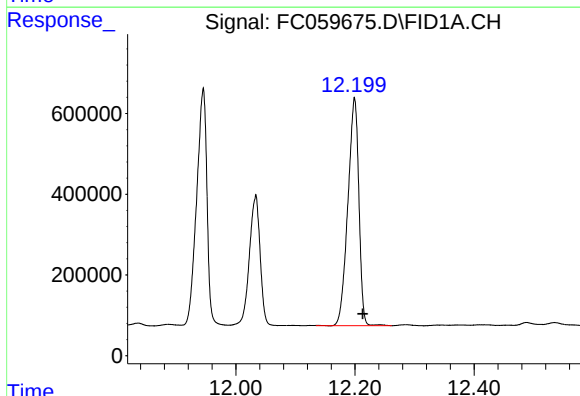
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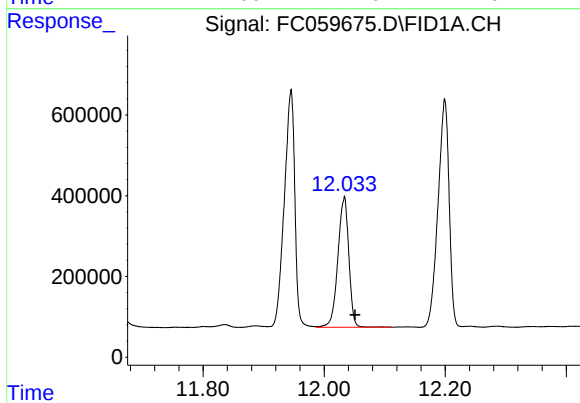
#10 n-Eicosane (C20)

R.T.: 11.601 min
Delta R.T.: -0.014 min
Response: 7445180
Conc: 55.36 ug/ml



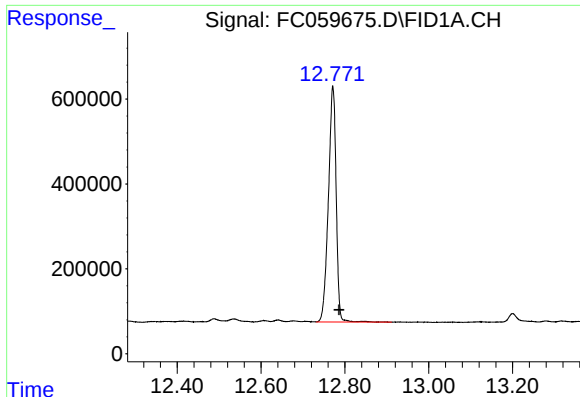
#11 n-Heneicosane (C21)

R.T.: 12.198 min
Delta R.T.: -0.015 min
Response: 7226332
Conc: 54.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.032 min
Delta R.T.: -0.019 min
Response: 4053956
Conc: 35.23 ug/ml



#13 n-Docosane (C22)

R.T.: 12.771 min
Delta R.T.: -0.016 min
Response: 7161742
Conc: 54.57 ug/ml

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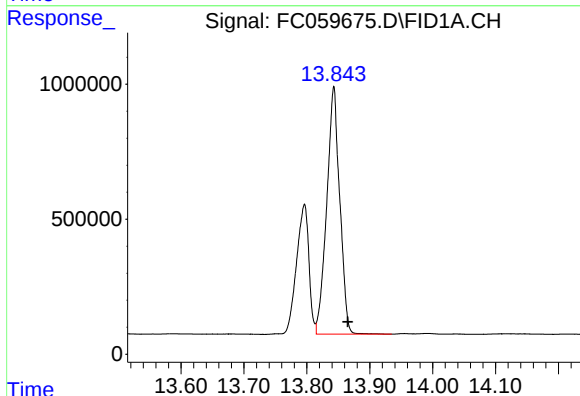
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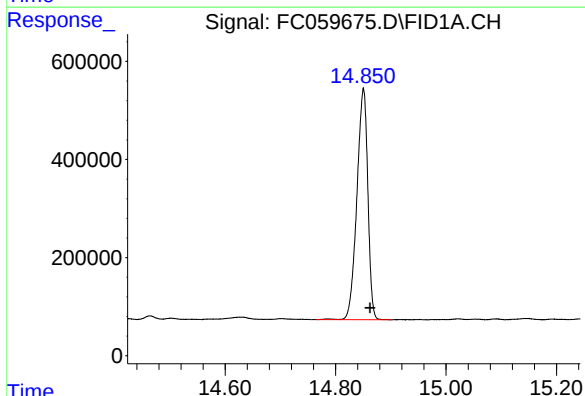
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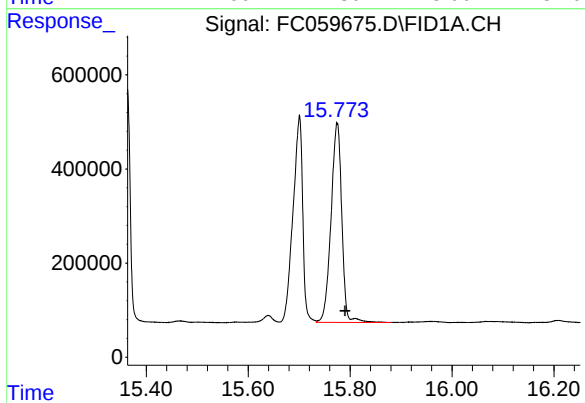
#14 n-Tetracosane (C24)

R.T.: 13.842 min
Delta R.T.: -0.022 min
Response: 13206011
Conc: 104.96 ug/ml



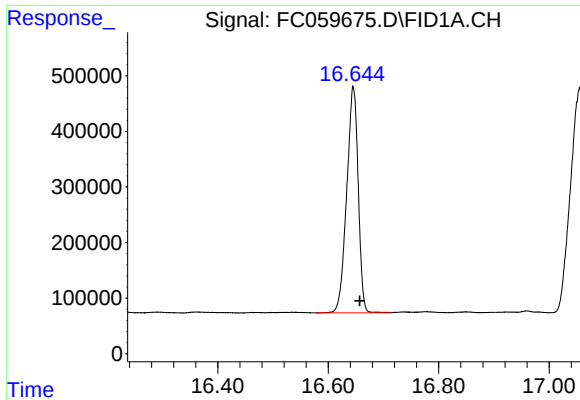
#15 n-Hexacosane (C26)

R.T.: 14.849 min
Delta R.T.: -0.013 min
Response: 6471113
Conc: 54.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.774 min
Delta R.T.: -0.016 min
Response: 6218648
Conc: 54.62 ug/ml



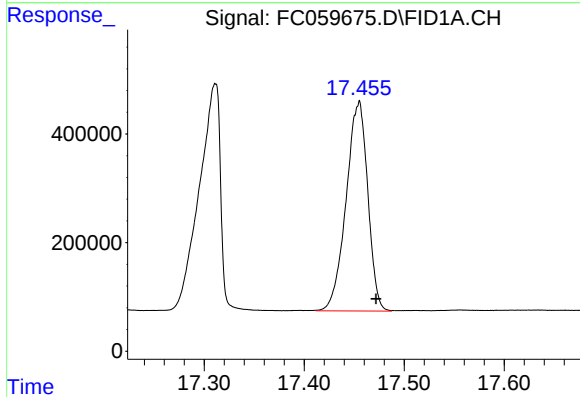
#17 n-Tricontane (C30)

R.T.: 16.645 min
Delta R.T.: -0.012 min
Response: 5886286
Conc: 53.55 ug/ml

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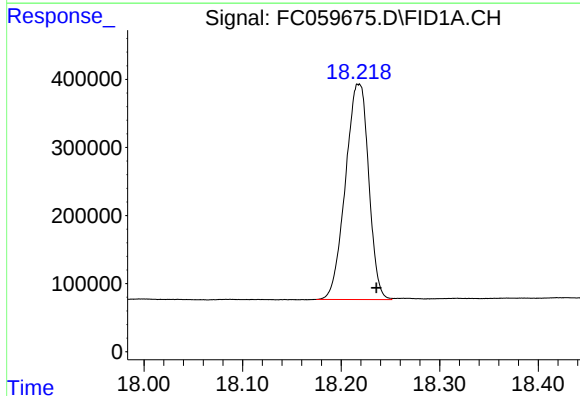
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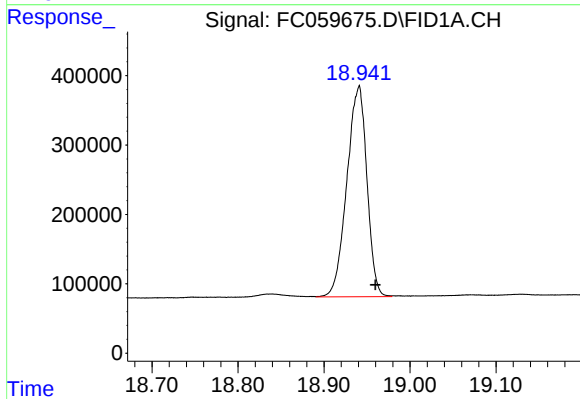
#18 n-Dotriacontane (C32)

R.T.: 17.455 min
Delta R.T.: -0.017 min
Response: 5803432
Conc: 56.14 ug/ml m



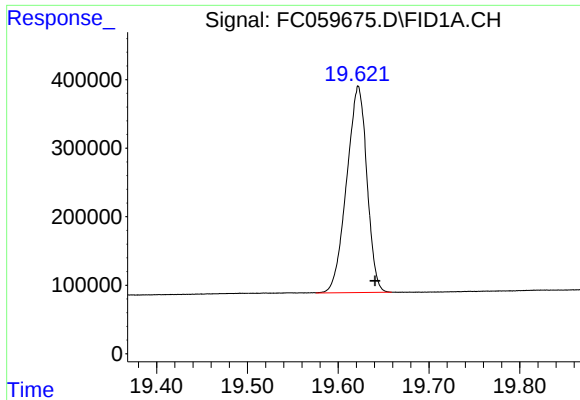
#19 n-Tetratriacontane (C34)

R.T.: 18.218 min
Delta R.T.: -0.017 min
Response: 5179081
Conc: 53.05 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.941 min
Delta R.T.: -0.019 min
Response: 4916302
Conc: 52.96 ug/ml m



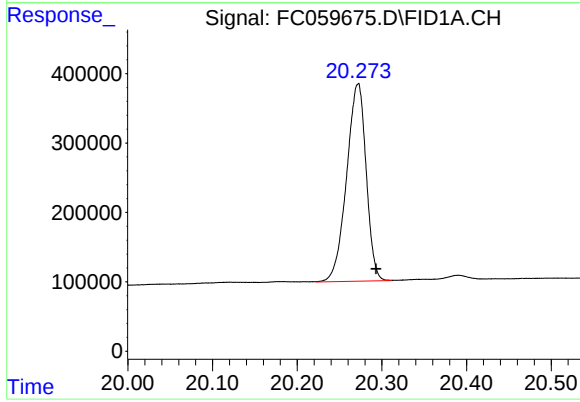
#21 n-Octatriacontane (C38)

R.T.: 19.621 min
Delta R.T.: -0.019 min
Response: 4663890
Conc: 48.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.273 min
Delta R.T.: -0.020 min
Response: 4568820
Conc: 48.26 ug/ml m