

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052122AL\
 Data File : FC059853.D
 Signal(s) : FID1A.CH
 Acq On : 20 May 2022 20:54
 Operator : UA/NP
 Sample : N2908-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 BI-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/21/2022
 Supervised By :Ankita Jodhani 05/23/2022

Integration File: sample.E
 Quant Time: May 20 23:05:09 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)	10.645	4999640	34.047 ug/ml
Spiked Amount 50.000		Recovery =	68.09%
12) S 1-chlorooctadecane (S...	12.015	3947481	34.302 ug/mlm
Spiked Amount 50.000		Recovery =	68.60%
Target Compounds			
1) T n-Nonane (C9)	2.629	5953504	46.620 ug/ml
2) T n-Decane (C10)	3.625	6827416	53.909 ug/mlm
3) T A~Naphthalene (C11.7)	5.157	8329490	56.569 ug/ml
4) T n-Dodecane (C12)	5.577	7434796	56.535 ug/ml
5) T A~2-methylnaphthalene...	6.182	8496194	56.521 ug/ml
6) T n-Tetradecane (C14)	7.331	8245216	61.276 ug/ml
7) T n-Hexadecane (C16)	8.894	9018058	65.722 ug/ml
8) T n-Octadecane (C18)	10.305	9678568	70.233 ug/ml
10) T n-Eicosane (C20)	11.586	9244137	68.731 ug/mlm
11) T n-Heneicosane (C21)	12.182	9044973	67.802 ug/ml
13) T n-Docosane (C22)	12.756	8889190	67.732 ug/ml
14) T n-Tetracosane (C24)	13.830	16733541	132.994 ug/ml
15) T n-Hexacosane (C26)	14.836	8201186	68.669 ug/ml
16) T n-Octacosane (C28)	15.759	7943822	69.777 ug/ml
17) T n-Tricontane (C30)	16.631	7543603	68.625 ug/ml
18) T n-Dotriacontane (C32)	17.442	7437875	71.945 ug/mlm
19) T n-Tetratriacontane (C34)	18.204	6751441	69.152 ug/mlm
20) T n-Hexatriacontane (C36)	18.927	6354609	68.451 ug/mlm
21) T n-Octatriacontane (C38)	19.610	6064494	63.707 ug/mlm
22) T n-Tetracontane (C40)	20.261	5824343	61.526 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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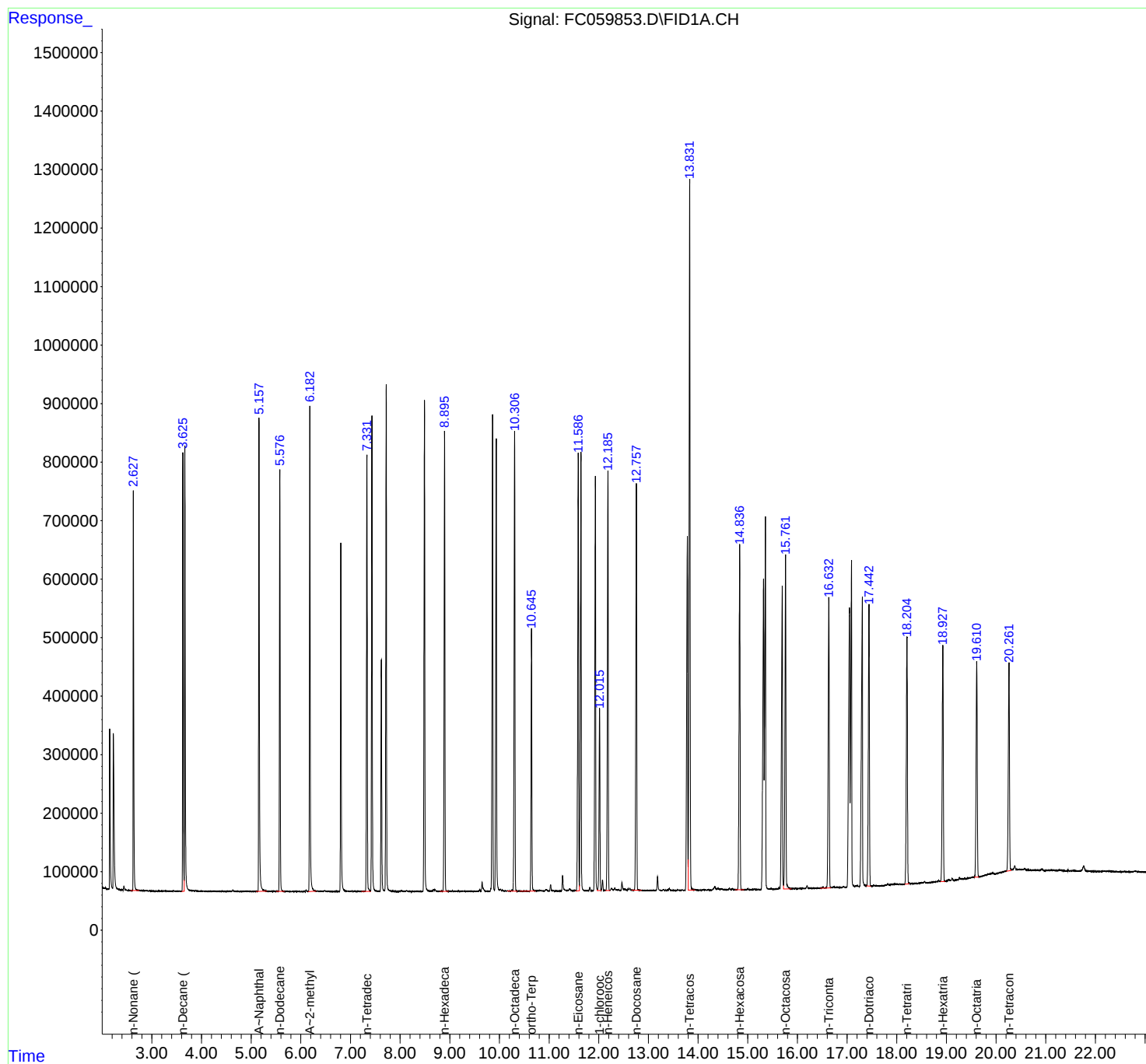
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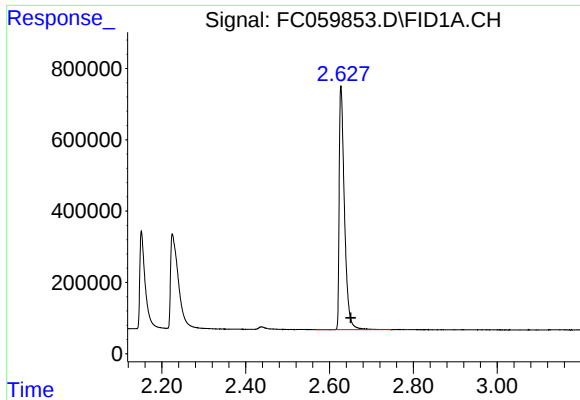
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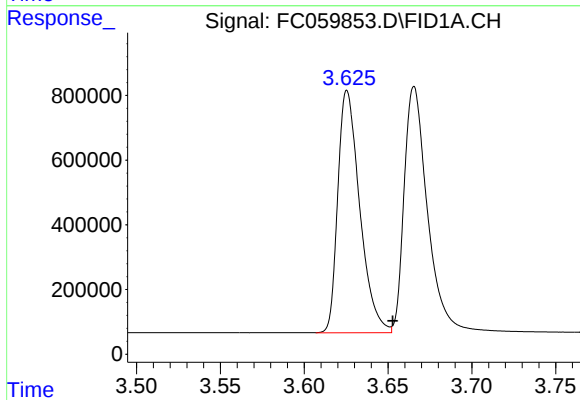
#1 n-Nonane (C9)

R.T.: 2.629 min
Delta R.T.: -0.022 min
Response: 5953504
Conc: 46.62 ug/ml

Instrument :
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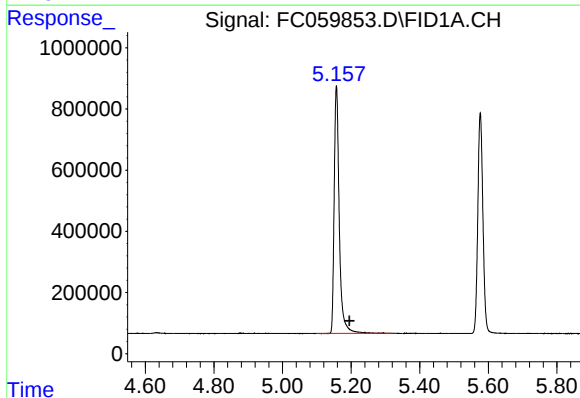
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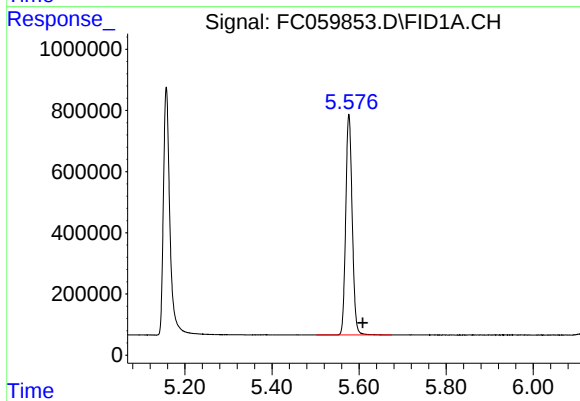
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.028 min
Response: 6827416
Conc: 53.91 ug/ml m



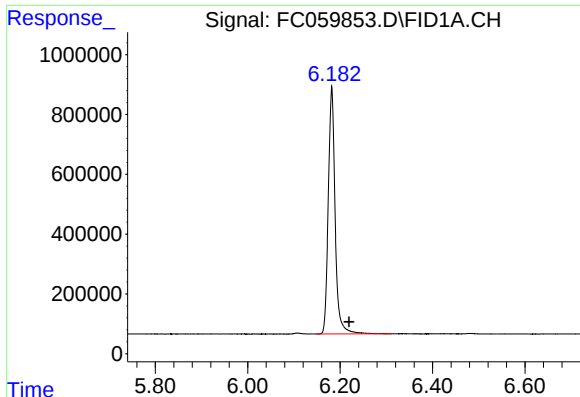
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.037 min
Response: 8329490
Conc: 56.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.032 min
Response: 7434796
Conc: 56.53 ug/ml



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

R.T.: 6.182 min
Delta R.T.: -0.037 min
Response: 8496194
Conc: 56.52 ug/ml

Instrument :

FID_C

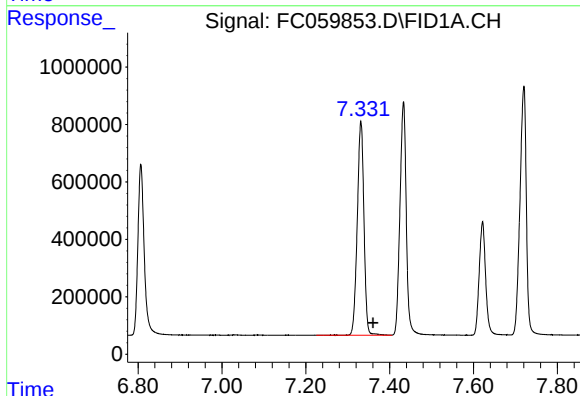
ClientSampleId :

BI-1MS

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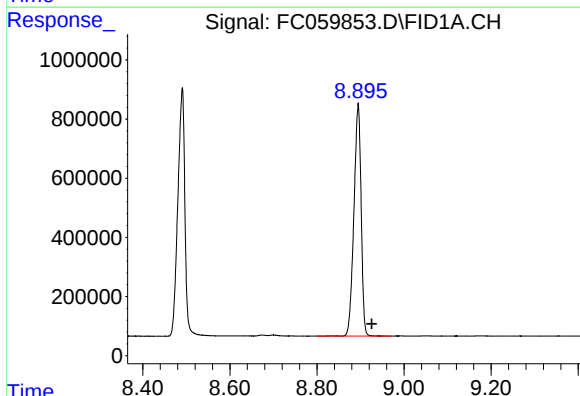
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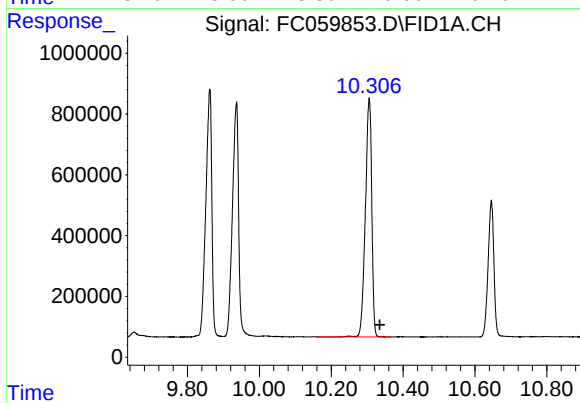
#6 n-Tetradecane (C14)

R.T.: 7.331 min
Delta R.T.: -0.030 min
Response: 8245216
Conc: 61.28 ug/ml



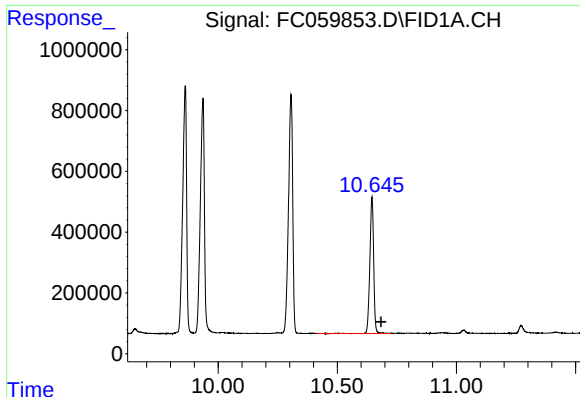
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.032 min
Response: 9018058
Conc: 65.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.305 min
Delta R.T.: -0.031 min
Response: 9678568
Conc: 70.23 ug/ml



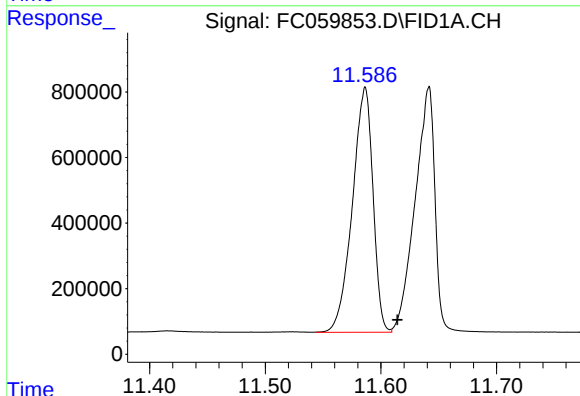
#9 ortho-Terphenyl (SURR)

R.T.: 10.645 min
Delta R.T.: -0.038 min
Response: 4999640
Conc: 34.05 ug/ml

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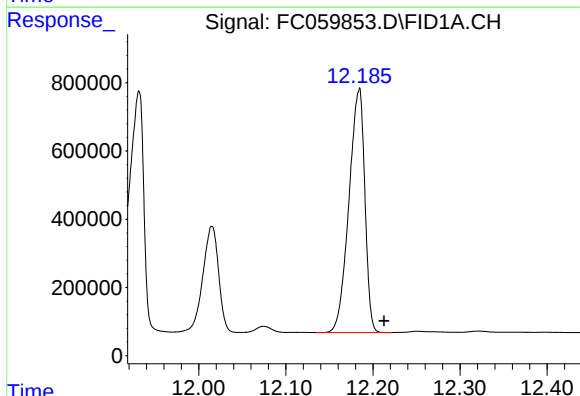
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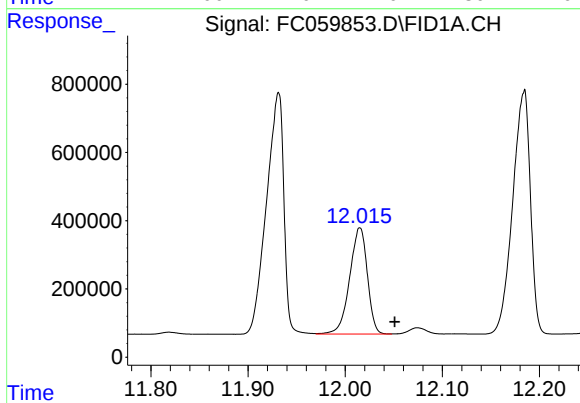
#10 n-Eicosane (C20)

R.T.: 11.586 min
Delta R.T.: -0.028 min
Response: 9244137
Conc: 68.73 ug/ml m



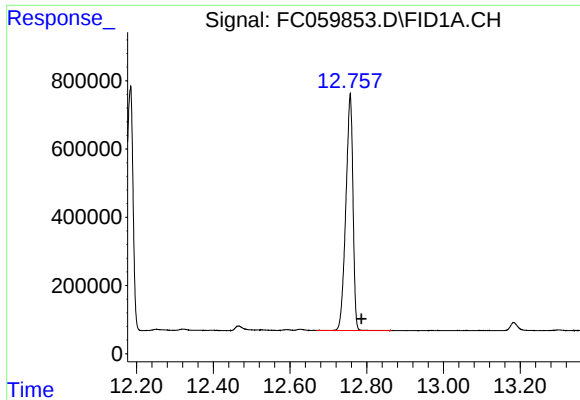
#11 n-Heneicosane (C21)

R.T.: 12.182 min
Delta R.T.: -0.030 min
Response: 9044973
Conc: 67.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.015 min
Delta R.T.: -0.037 min
Response: 3947481
Conc: 34.30 ug/ml m



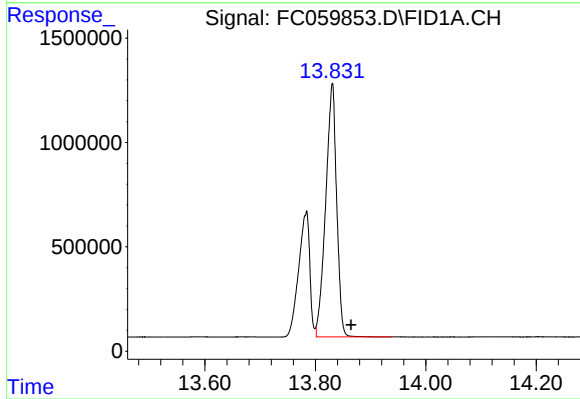
#13 n-Docosane (C22)

R.T.: 12.756 min
Delta R.T.: -0.031 min
Response: 8889190
Conc: 67.73 ug/ml

Instrument :
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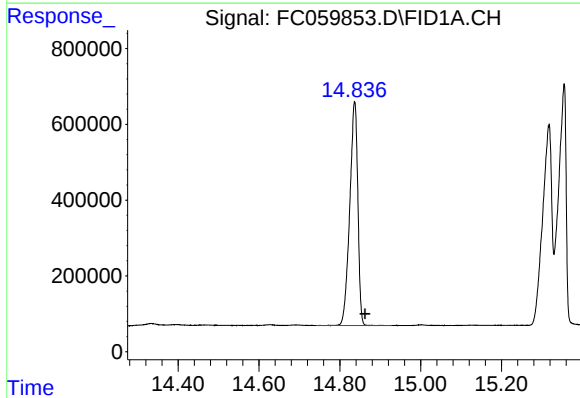
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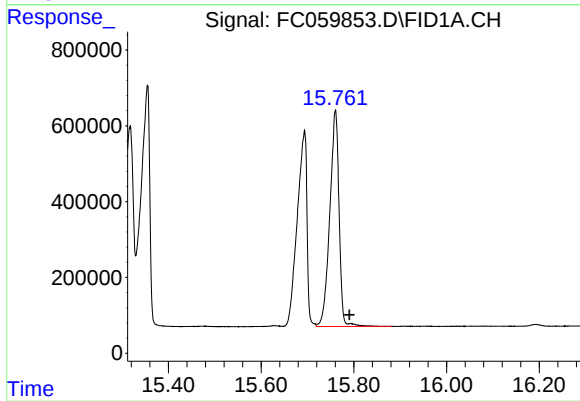
#14 n-Tetracosane (C24)

R.T.: 13.830 min
Delta R.T.: -0.035 min
Response: 16733541
Conc: 132.99 ug/ml



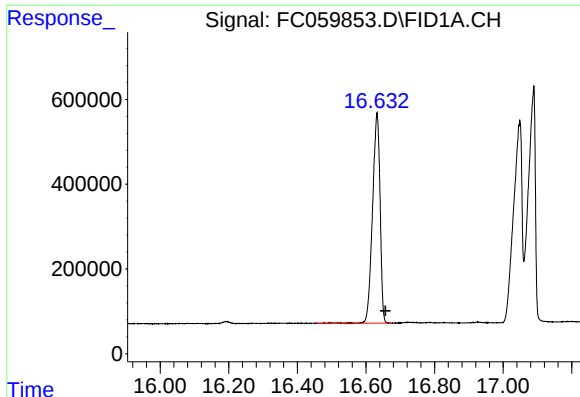
#15 n-Hexacosane (C26)

R.T.: 14.836 min
Delta R.T.: -0.027 min
Response: 8201186
Conc: 68.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.759 min
Delta R.T.: -0.031 min
Response: 7943822
Conc: 69.78 ug/ml



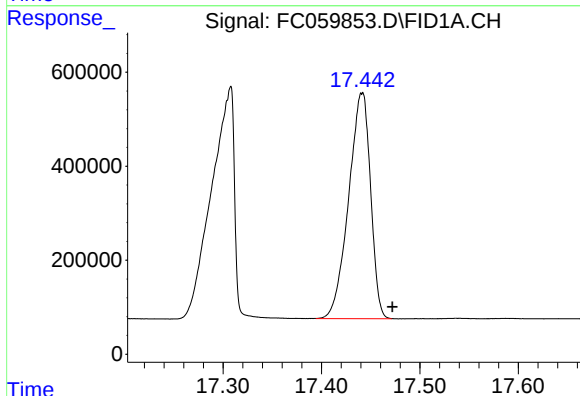
#17 n-Tricontane (C30)

R.T.: 16.631 min
Delta R.T.: -0.026 min
Response: 7543603
Conc: 68.63 ug/ml

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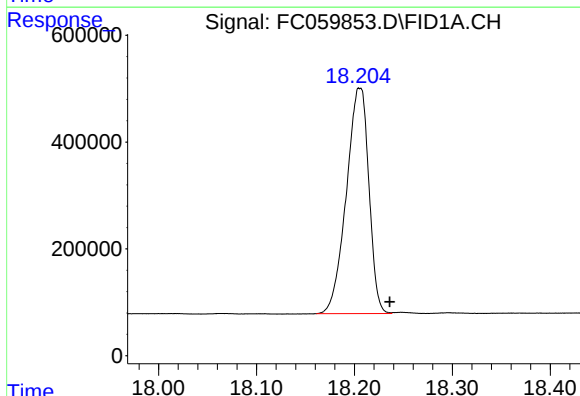
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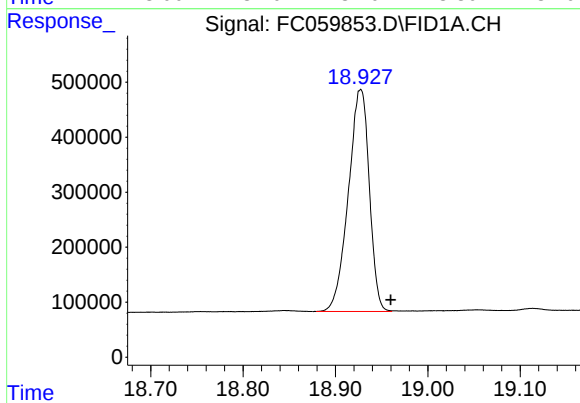
#18 n-Dotriacontane (C32)

R.T.: 17.442 min
Delta R.T.: -0.030 min
Response: 7437875
Conc: 71.95 ug/ml m



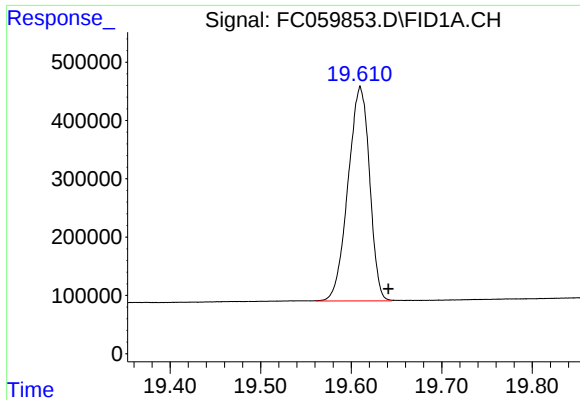
#19 n-Tetratriacontane (C34)

R.T.: 18.204 min
Delta R.T.: -0.032 min
Response: 6751441
Conc: 69.15 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.927 min
Delta R.T.: -0.033 min
Response: 6354609
Conc: 68.45 ug/ml m



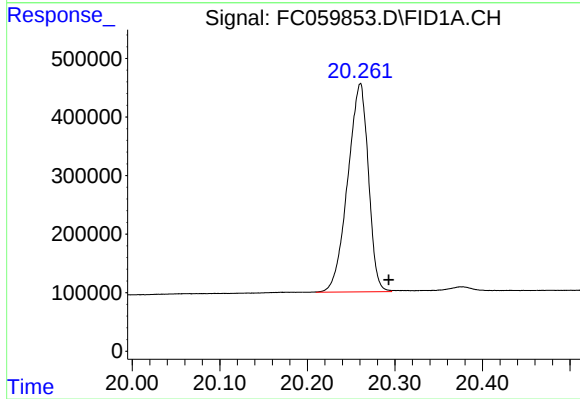
#21 n-Octatriacontane (C38)

R.T.: 19.610 min
Delta R.T.: -0.031 min
Response: 6064494
Conc: 63.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.261 min
Delta R.T.: -0.032 min
Response: 5824343
Conc: 61.53 ug/ml m