

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051722AL\
 Data File : FC059808.D
 Signal(s) : FID1A.CH
 Acq On : 17 May 2022 17:35
 Operator : UA/NP
 Sample : PB144887BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144887BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/18/2022
 Supervised By :mohammad ahmed 05/18/2022

Integration File: autoint1.e
 Quant Time: May 18 00:04:00 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)	10.654	5986098	40.765 ug/ml
Spiked Amount 50.000		Recovery =	81.53%
12) S 1-chlorooctadecane (S...	12.025	4750752	41.282 ug/ml
Spiked Amount 50.000		Recovery =	82.56%
Target Compounds			
1) T n-Nonane (C9)	2.646	6041551	47.310 ug/ml
2) T n-Decane (C10)	3.636	6417387	50.672 ug/ml
3) T A~Naphthalene (C11.7)	5.165	7576924	51.458 ug/ml
4) T n-Dodecane (C12)	5.583	6815410	51.825 ug/ml
5) T A~2-methylnaphthalene...	6.189	7497390	49.877 ug/ml
6) T n-Tetradecane (C14)	7.338	6897940	51.263 ug/ml
7) T n-Hexadecane (C16)	8.901	6919512	50.428 ug/ml
8) T n-Octadecane (C18)	10.311	7084462	51.408 ug/ml
10) T n-Eicosane (C20)	11.591	6633184	49.319 ug/ml
11) T n-Heneicosane (C21)	12.189	6503440	48.750 ug/ml
13) T n-Docosane (C22)	12.762	6343805	48.337 ug/ml
14) T n-Tetracosane (C24)	13.836	12309454	97.833 ug/ml
15) T n-Hexacosane (C26)	14.842	5874853	49.191 ug/ml
16) T n-Octacosane (C28)	15.766	5723146	50.271 ug/ml
17) T n-Tricontane (C30)	16.637	5496332	50.001 ug/ml
18) T n-Dotriacontane (C32)	17.448	5482155	53.028 ug/mlm
19) T n-Tetratriacontane (C34)	18.212	5026212	51.482 ug/mlm
20) T n-Hexatriacontane (C36)	18.936	4760521	51.280 ug/mlm
21) T n-Octatriacontane (C38)	19.618	4744498	49.841 ug/mlm
22) T n-Tetracontane (C40)	20.267	4574874	48.327 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB144887BS
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ALS Vial : 12 Sample Multiplier: 1

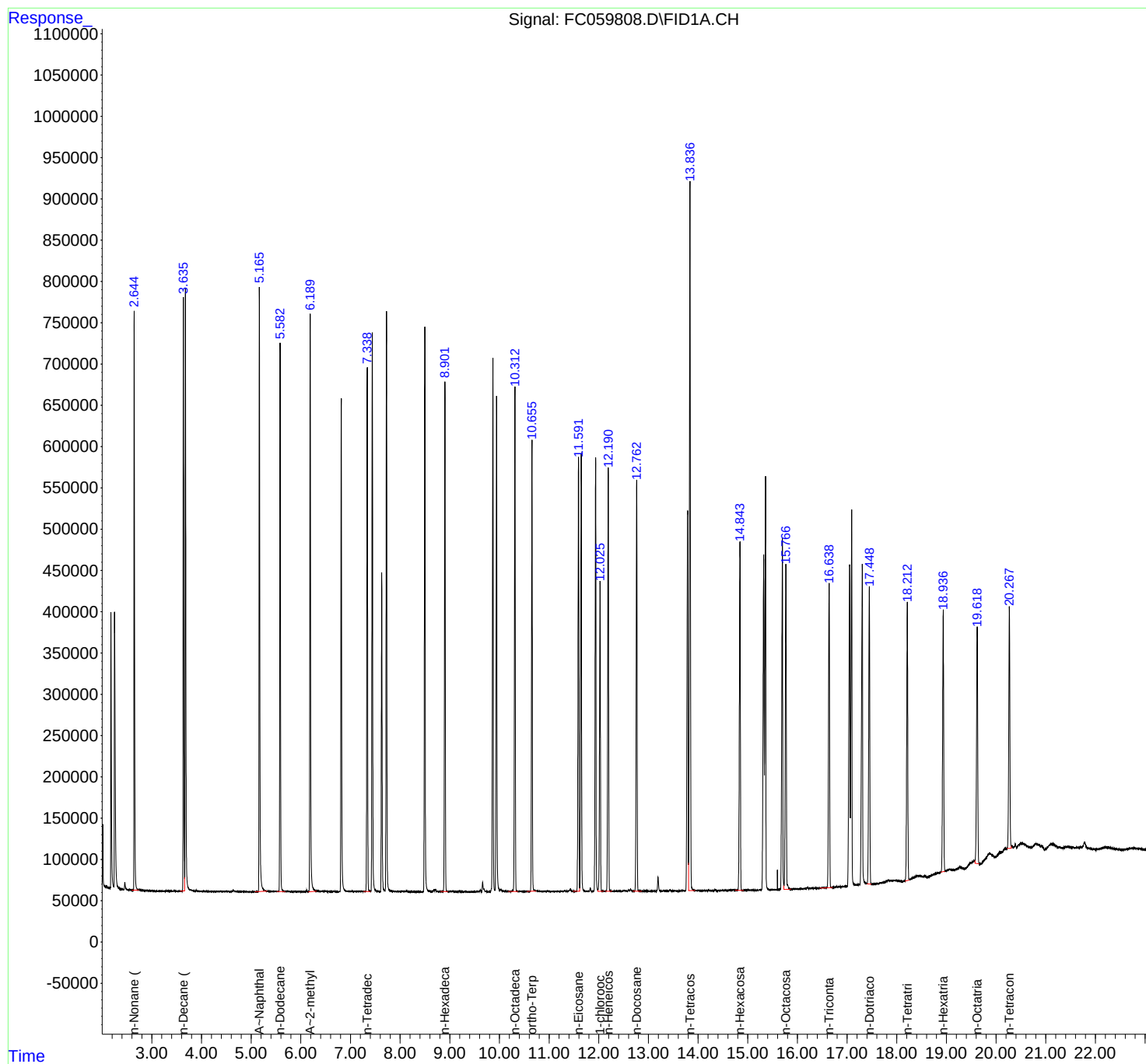
Instrument :
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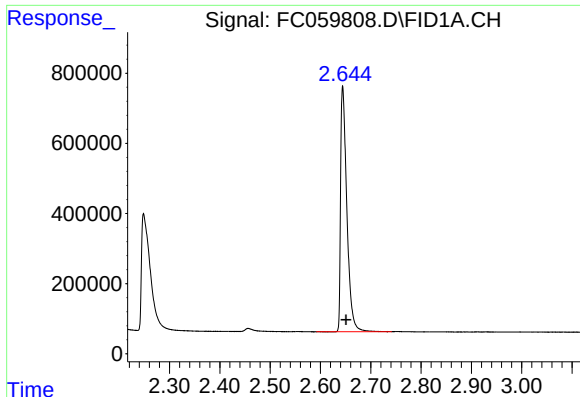
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.646 min
Delta R.T.: -0.005 min
Response: 6041551
Conc: 47.31 ug/ml

Instrument :

FID_C

ClientSampleId :

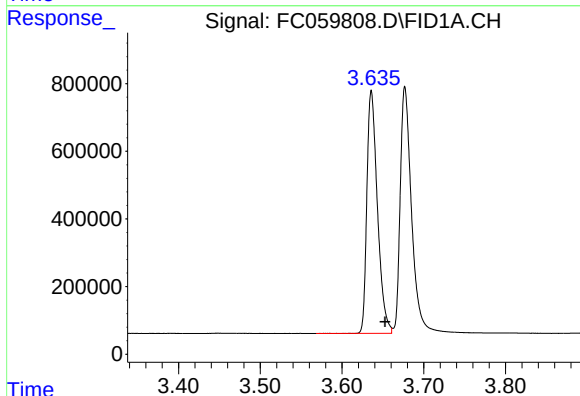
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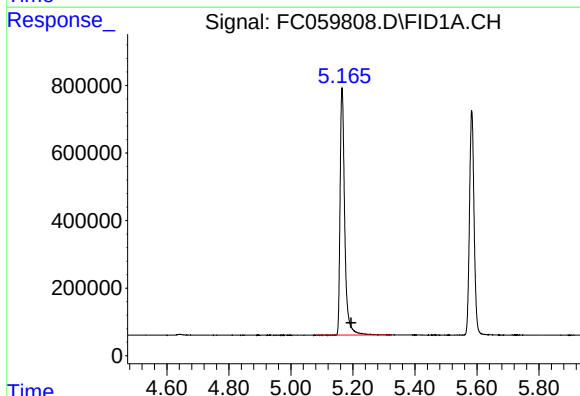
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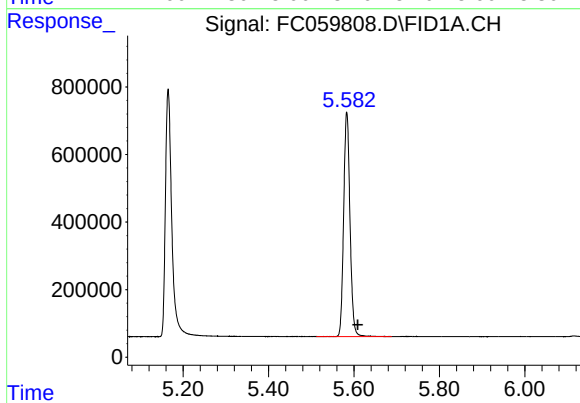
#2 n-Decane (C10)

R.T.: 3.636 min
Delta R.T.: -0.016 min
Response: 6417387
Conc: 50.67 ug/ml



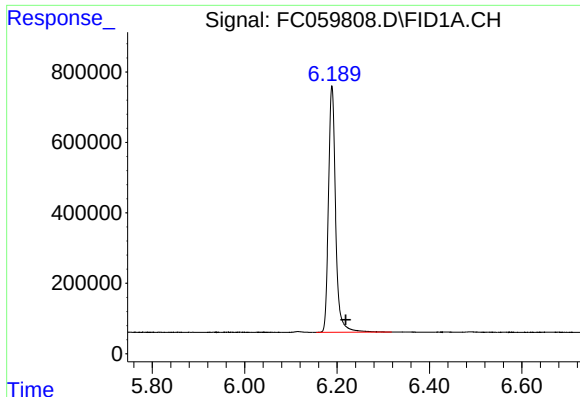
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.029 min
Response: 7576924
Conc: 51.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.583 min
Delta R.T.: -0.025 min
Response: 6815410
Conc: 51.82 ug/ml



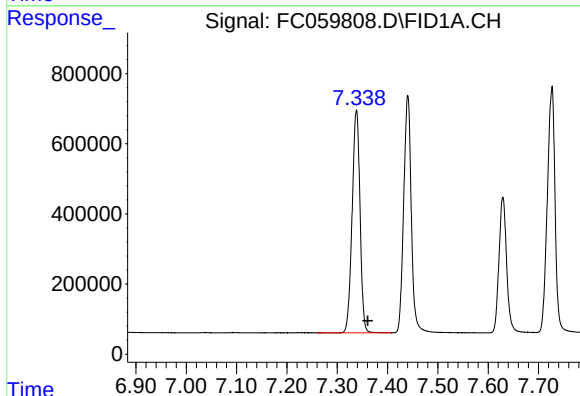
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.030 min
Response: 7497390
Conc: 49.88 ug/ml

Instrument :
FID_C
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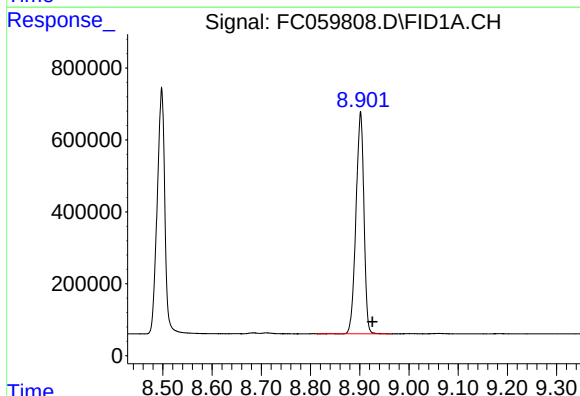
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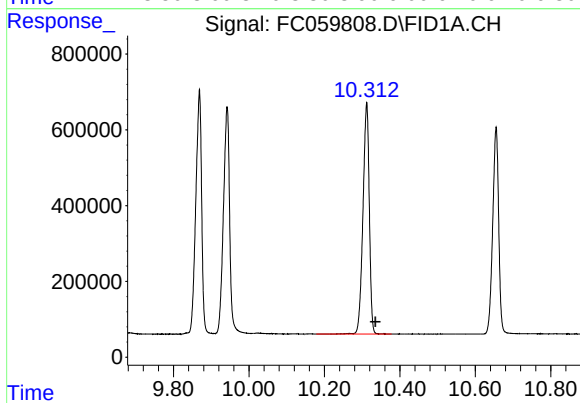
#6 n-Tetradecane (C14)

R.T.: 7.338 min
Delta R.T.: -0.023 min
Response: 6897940
Conc: 51.26 ug/ml



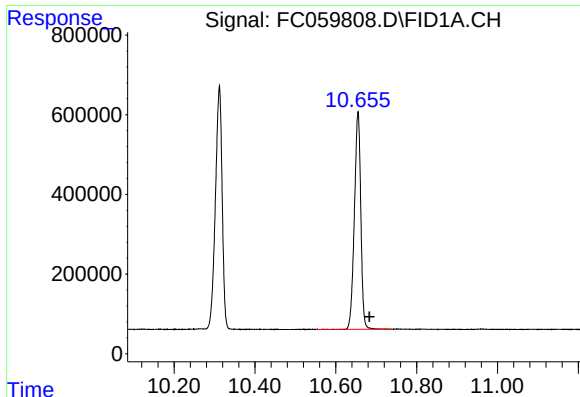
#7 n-Hexadecane (C16)

R.T.: 8.901 min
Delta R.T.: -0.025 min
Response: 6919512
Conc: 50.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.311 min
Delta R.T.: -0.024 min
Response: 7084462
Conc: 51.41 ug/ml



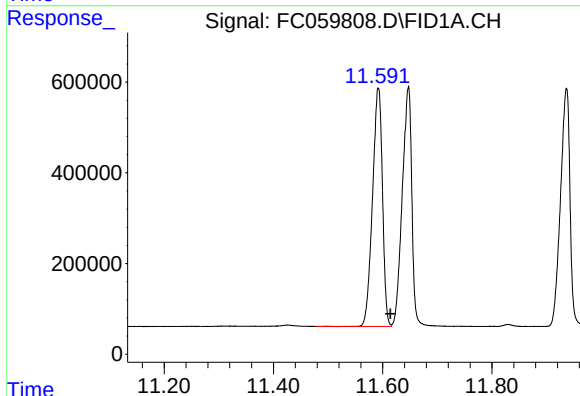
#9 ortho-Terphenyl (SURR)

R.T.: 10.654 min
Delta R.T.: -0.029 min
Response: 5986098
Conc: 40.76 ug/ml

Instrument :
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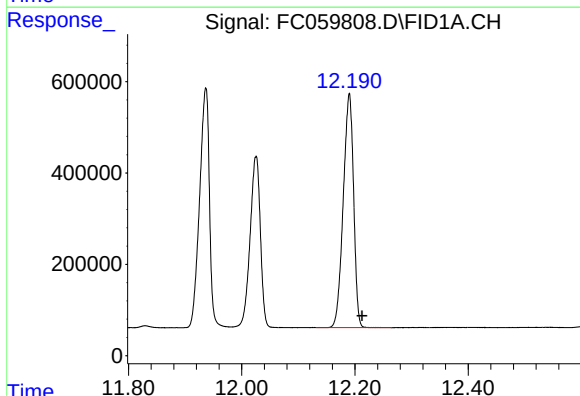
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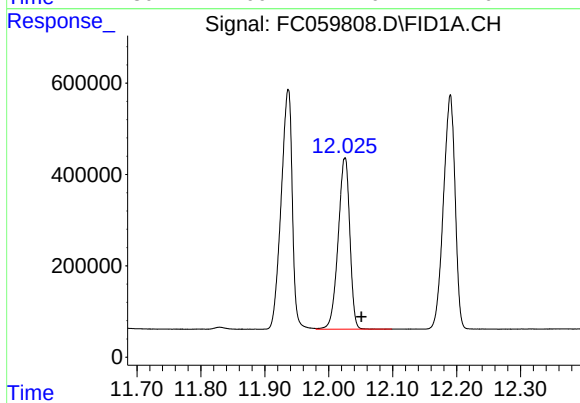
#10 n-Eicosane (C20)

R.T.: 11.591 min
Delta R.T.: -0.023 min
Response: 6633184
Conc: 49.32 ug/ml



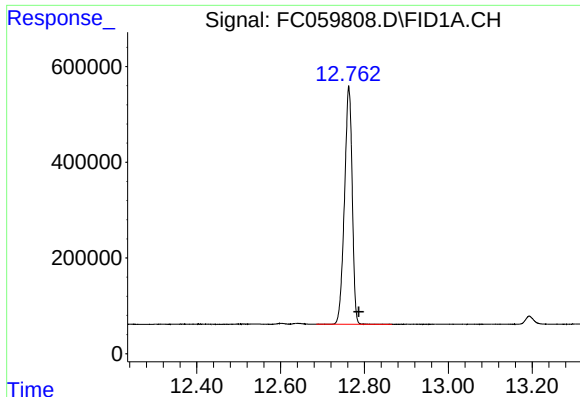
#11 n-Heneicosane (C21)

R.T.: 12.189 min
Delta R.T.: -0.024 min
Response: 6503440
Conc: 48.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.025 min
Delta R.T.: -0.027 min
Response: 4750752
Conc: 41.28 ug/ml



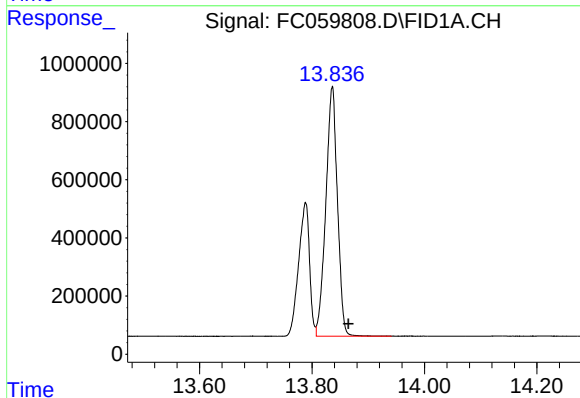
#13 n-Docosane (C22)

R.T.: 12.762 min
Delta R.T.: -0.024 min
Response: 6343805
Conc: 48.34 ug/ml

Instrument :
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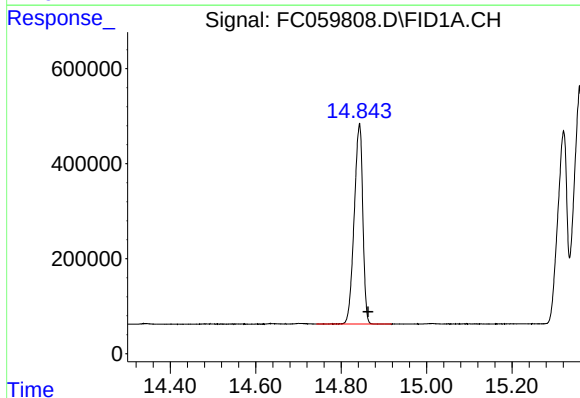
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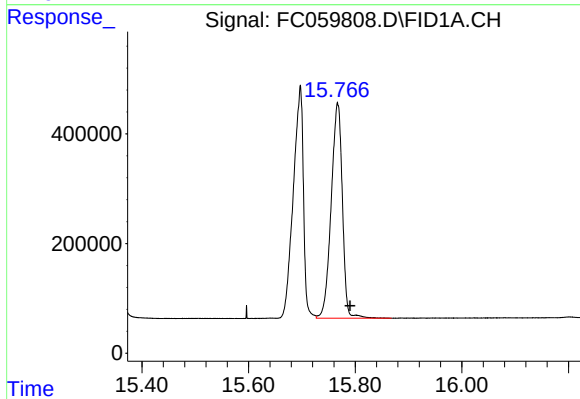
#14 n-Tetracosane (C24)

R.T.: 13.836 min
Delta R.T.: -0.029 min
Response: 12309454
Conc: 97.83 ug/ml



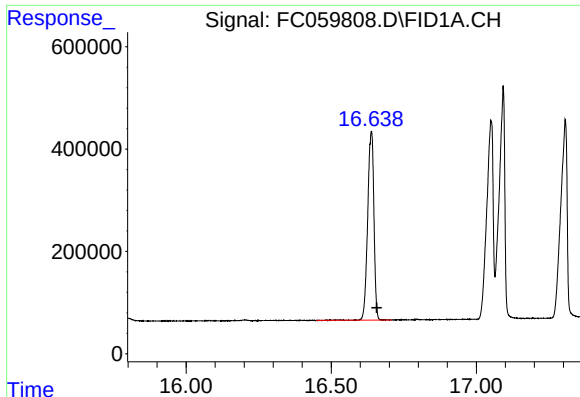
#15 n-Hexacosane (C26)

R.T.: 14.842 min
Delta R.T.: -0.021 min
Response: 5874853
Conc: 49.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.766 min
Delta R.T.: -0.024 min
Response: 5723146
Conc: 50.27 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.637 min
Delta R.T.: -0.020 min
Response: 5496332
Conc: 50.00 ug/ml

Instrument :

FID_C

ClientSampleId :

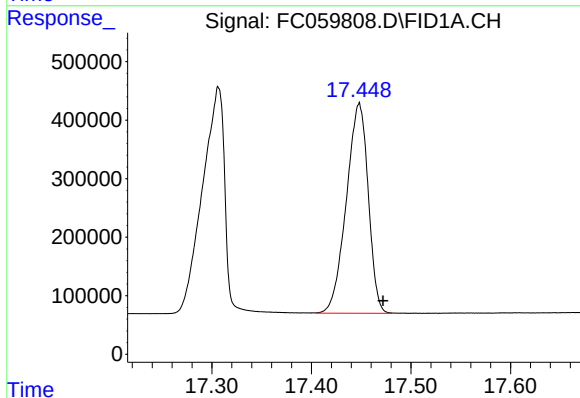
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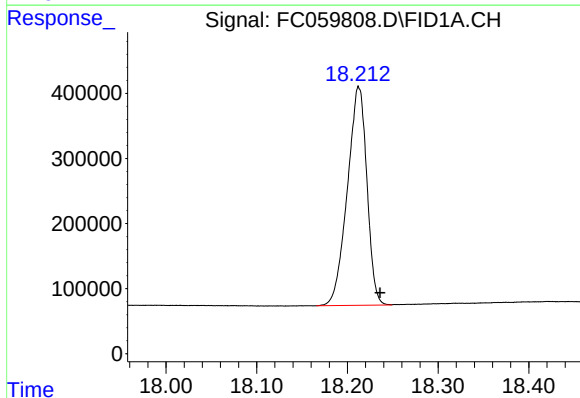
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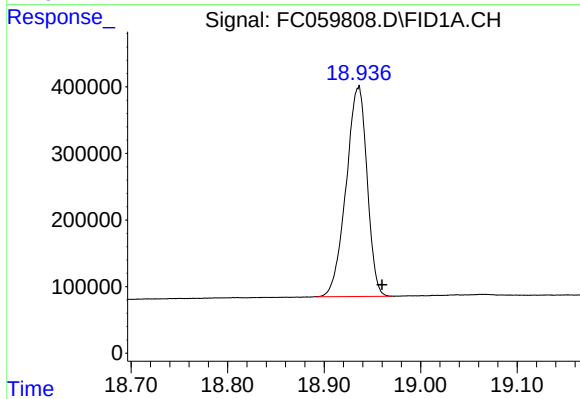
#18 n-Dotriacontane (C32)

R.T.: 17.448 min
Delta R.T.: -0.024 min
Response: 5482155
Conc: 53.03 ug/ml m



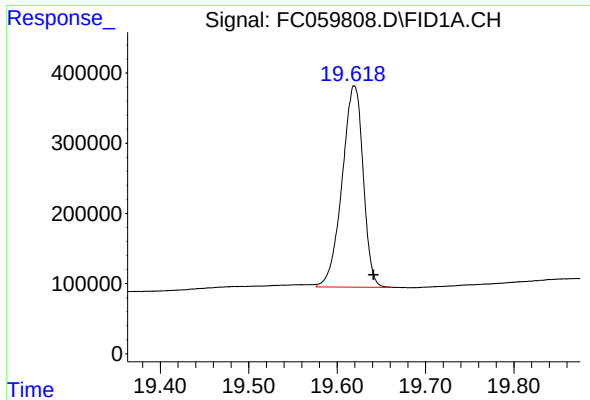
#19 n-Tetratriacontane (C34)

R.T.: 18.212 min
Delta R.T.: -0.024 min
Response: 5026212
Conc: 51.48 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.936 min
Delta R.T.: -0.024 min
Response: 4760521
Conc: 51.28 ug/ml m



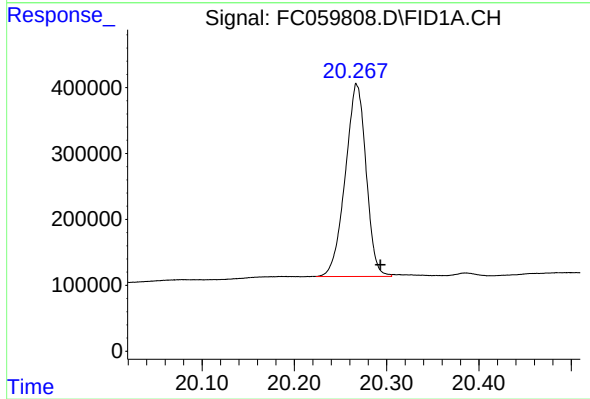
#21 n-Octatriacontane (C38)

R.T.: 19.618 min
Delta R.T.: -0.023 min
Response: 4744498
Conc: 49.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.267 min
Delta R.T.: -0.026 min
Response: 4574874
Conc: 48.33 ug/ml m