

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051122AL\
 Data File : FC059696.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2022 16:53
 Operator : UA/NP
 Sample : PB144743BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144743BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/12/2022
 Supervised By :mohammad ahmed 05/12/2022

Integration File: sample.E
 Quant Time: May 12 02:11:29 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)	10.663	6807283	46.357 ug/ml
Spiked Amount 50.000		Recovery =	92.71%
12) S 1-chlorooctadecane (S...	12.031	5522793	47.991 ug/ml
Spiked Amount 50.000		Recovery =	95.98%
Target Compounds			
1) T n-Nonane (C9)	2.650	5292999	41.448 ug/ml
2) T n-Decane (C10)	3.642	5599680	44.215 ug/ml
3) T A~Naphthalene (C11.7)	5.173	6880590	46.729 ug/ml
4) T n-Dodecane (C12)	5.591	6089737	46.307 ug/ml
5) T A~2-methylnaphthalene...	6.197	6993985	46.528 ug/ml
6) T n-Tetradecane (C14)	7.345	6484495	48.191 ug/ml
7) T n-Hexadecane (C16)	8.907	6767883	49.323 ug/ml
8) T n-Octadecane (C18)	10.318	7103009	51.543 ug/ml
10) T n-Eicosane (C20)	11.597	6788426	50.473 ug/ml
11) T n-Heneicosane (C21)	12.195	6696895	50.200 ug/ml
13) T n-Docosane (C22)	12.768	6588162	50.199 ug/ml
14) T n-Tetracosane (C24)	13.840	12297704	97.739 ug/ml
15) T n-Hexacosane (C26)	14.846	6061724	50.755 ug/ml
16) T n-Octacosane (C28)	15.771	5799976	50.946 ug/ml
17) T n-Tricontane (C30)	16.642	5398770	49.114 ug/ml
18) T n-Dotriacontane (C32)	17.452	5310286	51.365 ug/mlm
19) T n-Tetratriacontane (C34)	18.216	4758246	48.737 ug/mlm
20) T n-Hexatriacontane (C36)	18.935	4437145	47.797 ug/mlm
21) T n-Octatriacontane (C38)	19.620	4232887	44.466 ug/mlm
22) T n-Tetracontane (C40)	20.267	4125685	43.582 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB144743BSD
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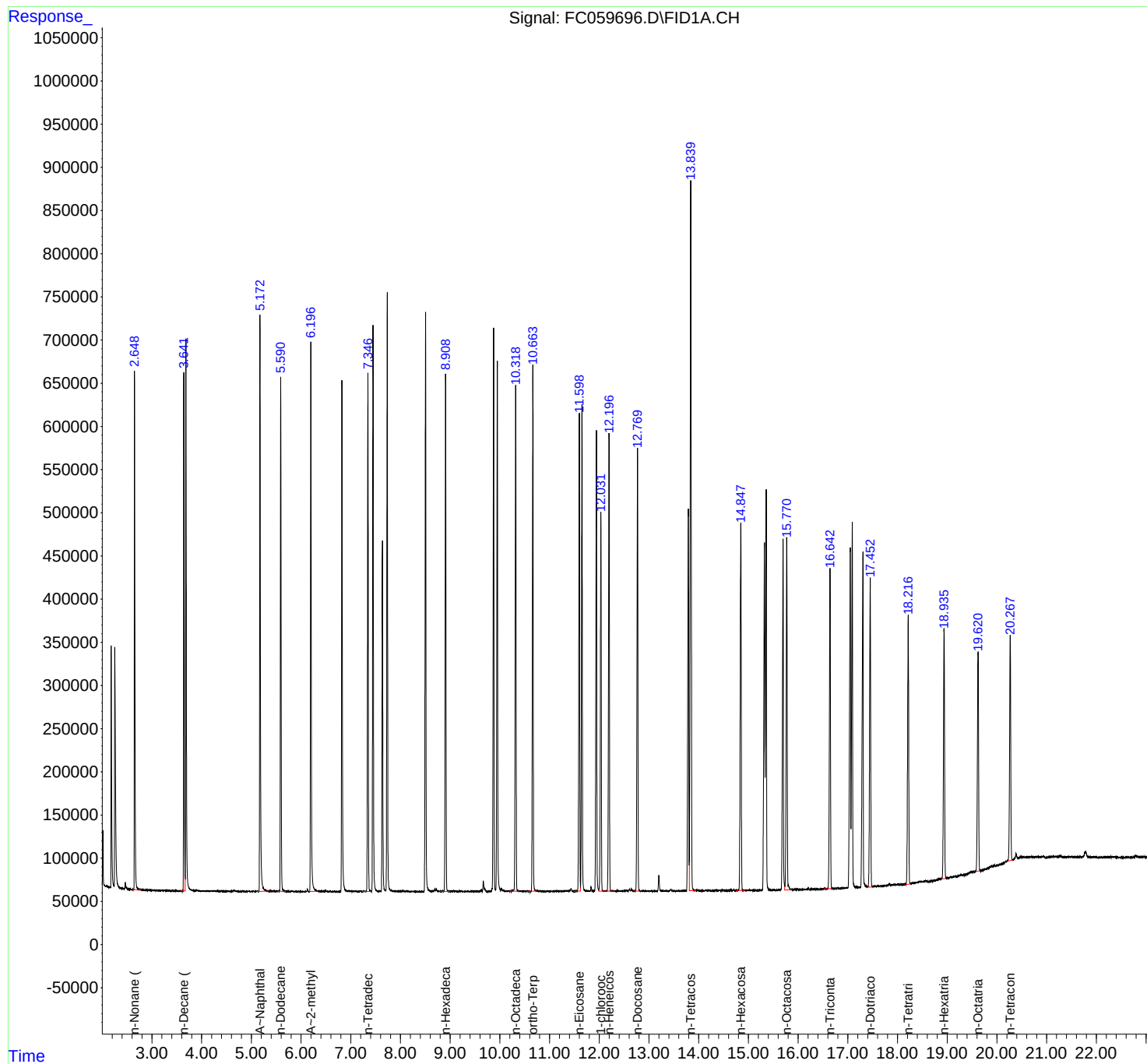
Instrument :
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PB144743BSD

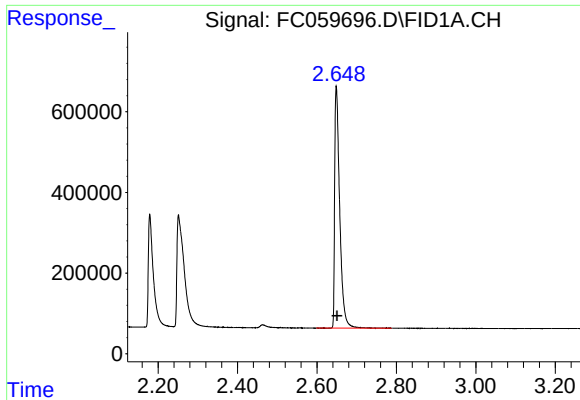
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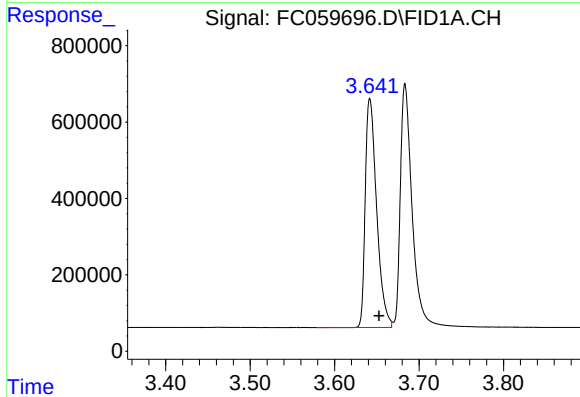
#1 n-Nonane (C9)

R.T.: 2.650 min
Delta R.T.: -0.001 min
Response: 5292999
Conc: 41.45 ug/ml

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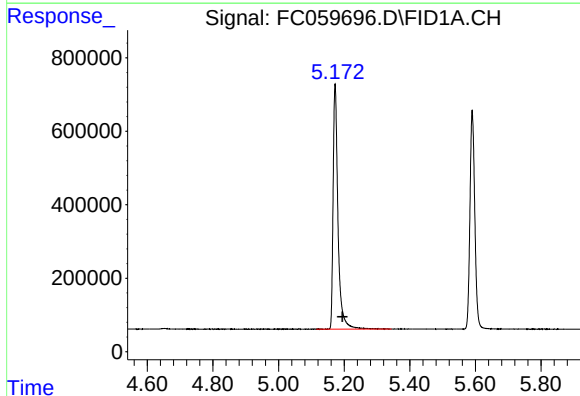
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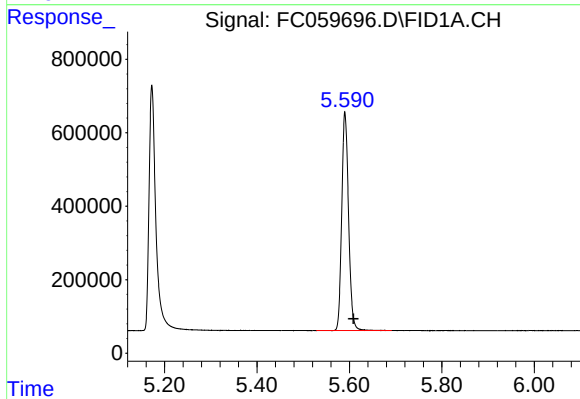
#2 n-Decane (C10)

R.T.: 3.642 min
Delta R.T.: -0.010 min
Response: 5599680
Conc: 44.22 ug/ml



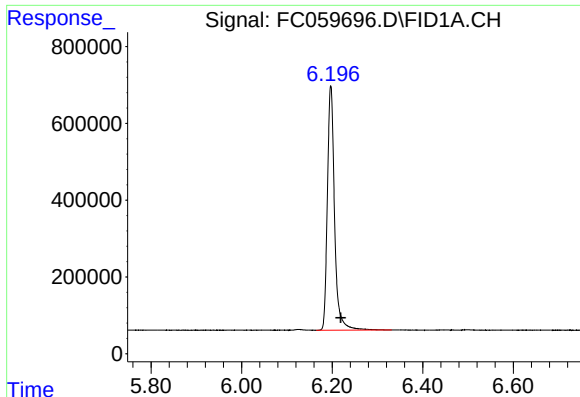
#3 A~Naphthalene (C11.7)

R.T.: 5.173 min
Delta R.T.: -0.022 min
Response: 6880590
Conc: 46.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.591 min
Delta R.T.: -0.018 min
Response: 6089737
Conc: 46.31 ug/ml



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

R.T.: 6.197 min
Delta R.T.: -0.022 min
Response: 6993985
Conc: 46.53 ug/ml

Instrument :

FID_C

ClientSampleId :

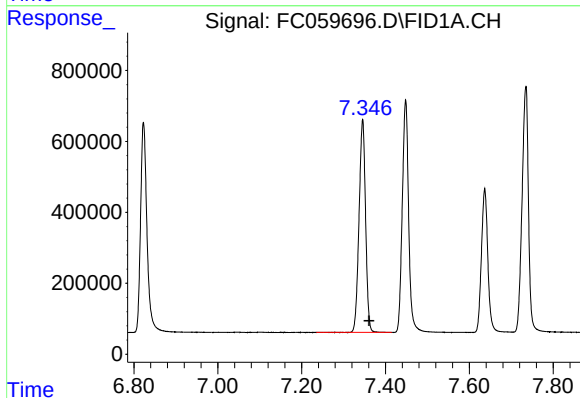
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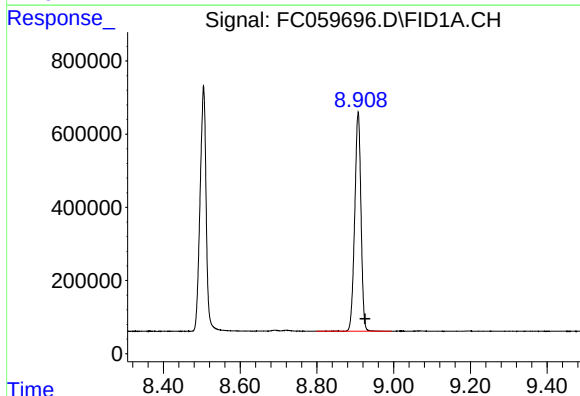
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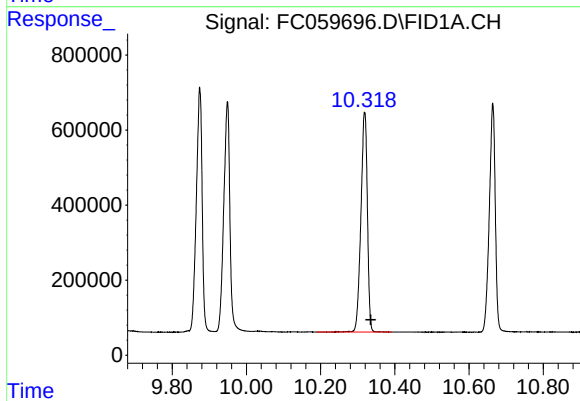
#6 n-Tetradecane (C14)

R.T.: 7.345 min
Delta R.T.: -0.016 min
Response: 6484495
Conc: 48.19 ug/ml



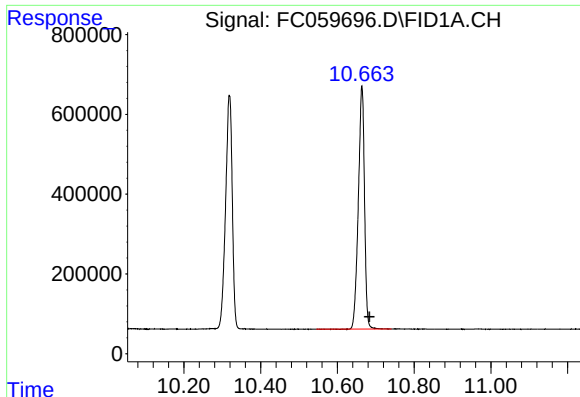
#7 n-Hexadecane (C16)

R.T.: 8.907 min
Delta R.T.: -0.018 min
Response: 6767883
Conc: 49.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.318 min
Delta R.T.: -0.017 min
Response: 7103009
Conc: 51.54 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.663 min
Delta R.T.: -0.020 min
Response: 6807283
Conc: 46.36 ug/ml

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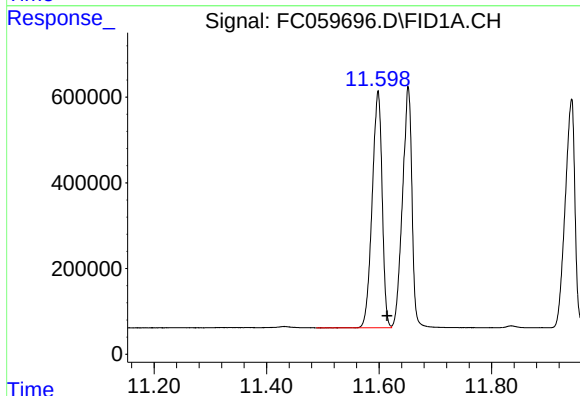
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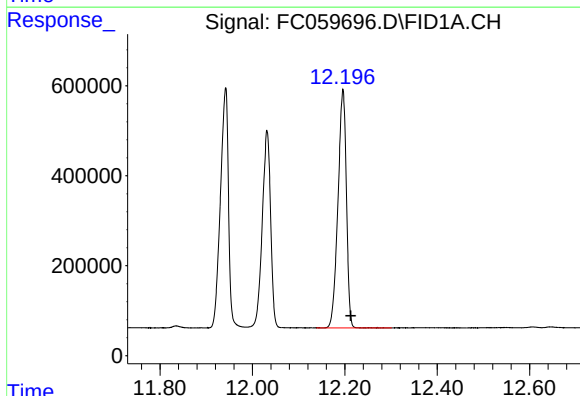
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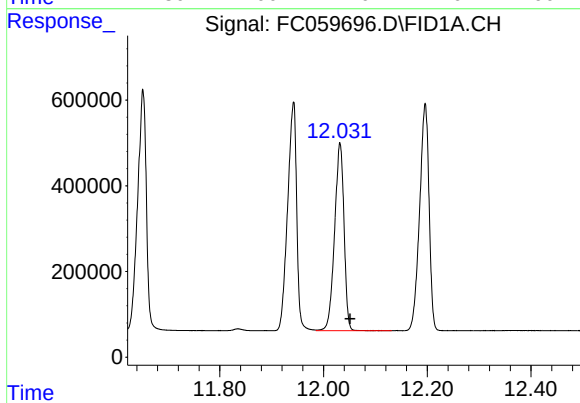
#10 n-Eicosane (C20)

R.T.: 11.597 min
Delta R.T.: -0.017 min
Response: 6788426
Conc: 50.47 ug/ml



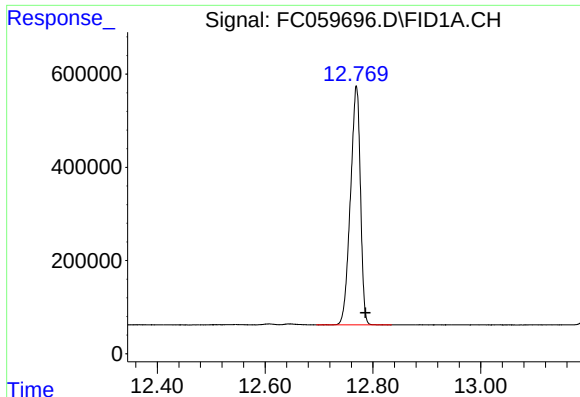
#11 n-Heneicosane (C21)

R.T.: 12.195 min
Delta R.T.: -0.018 min
Response: 6696895
Conc: 50.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.031 min
Delta R.T.: -0.020 min
Response: 5522793
Conc: 47.99 ug/ml



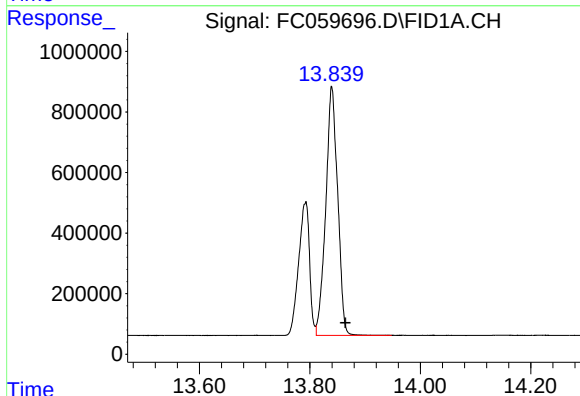
#13 n-Docosane (C22)

R.T.: 12.768 min
Delta R.T.: -0.018 min
Response: 6588162
Conc: 50.20 ug/ml

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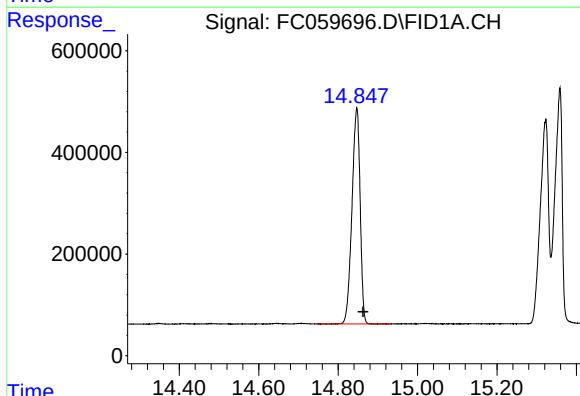
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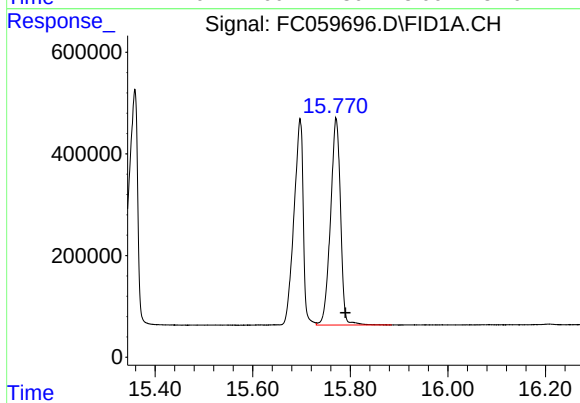
#14 n-Tetracosane (C24)

R.T.: 13.840 min
Delta R.T.: -0.025 min
Response: 12297704
Conc: 97.74 ug/ml



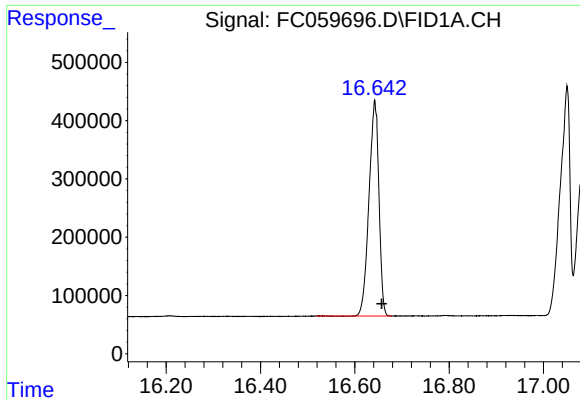
#15 n-Hexacosane (C26)

R.T.: 14.846 min
Delta R.T.: -0.017 min
Response: 6061724
Conc: 50.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.771 min
Delta R.T.: -0.020 min
Response: 5799976
Conc: 50.95 ug/ml



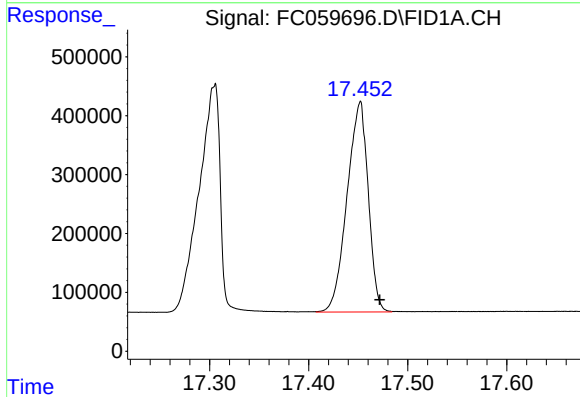
#17 n-Tricontane (C30)

R.T.: 16.642 min
Delta R.T.: -0.016 min
Response: 5398770
Conc: 49.11 ug/ml

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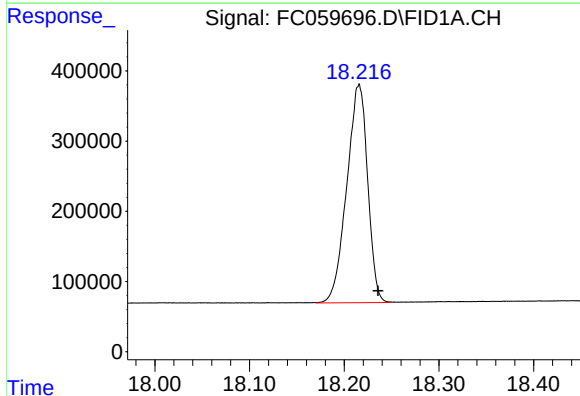
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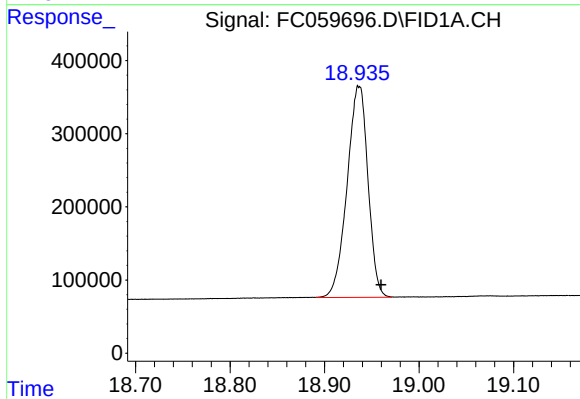
#18 n-Dotriacontane (C32)

R.T.: 17.452 min
Delta R.T.: -0.019 min
Response: 5310286
Conc: 51.37 ug/ml m



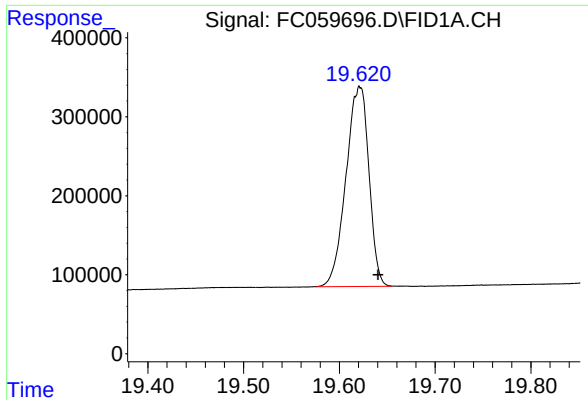
#19 n-Tetratriacontane (C34)

R.T.: 18.216 min
Delta R.T.: -0.020 min
Response: 4758246
Conc: 48.74 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.935 min
Delta R.T.: -0.025 min
Response: 4437145
Conc: 47.80 ug/ml m



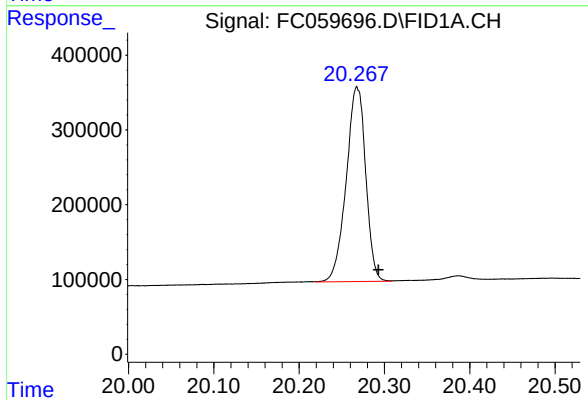
#21 n-Octatriacontane (C38)

R.T.: 19.620 min
Delta R.T.: -0.020 min
Response: 4232887
Conc: 44.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.267 min
Delta R.T.: -0.026 min
Response: 4125685
Conc: 43.58 ug/ml m