

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052122AL\
 Data File : FC059854.D
 Signal(s) : FID1A.CH
 Acq On : 20 May 2022 21:33
 Operator : UA/NP
 Sample : N2908-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 BI-1MSD

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 23:05:21 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)	10.646	5025761	34.225 ug/ml
Spiked Amount 50.000		Recovery =	68.45%
12) S 1-chlorooctadecane (S...	12.016	3960210	34.413 ug/mlm
Spiked Amount 50.000		Recovery =	68.83%
Target Compounds			
1) T n-Nonane (C9)	2.626	5966832	46.724 ug/ml
2) T n-Decane (C10)	3.623	6855652	54.132 ug/mlm
3) T A~Naphthalene (C11.7)	5.156	8375561	56.882 ug/ml
4) T n-Dodecane (C12)	5.576	7454356	56.683 ug/ml
5) T A~2-methylnaphthalene...	6.181	8540291	56.815 ug/ml
6) T n-Tetradecane (C14)	7.331	8260786	61.392 ug/ml
7) T n-Hexadecane (C16)	8.894	9042805	65.903 ug/ml
8) T n-Octadecane (C18)	10.306	9680404	70.246 ug/ml
10) T n-Eicosane (C20)	11.587	9260122	68.850 ug/mlm
11) T n-Heneicosane (C21)	12.184	9080558	68.068 ug/ml
13) T n-Docosane (C22)	12.756	8911357	67.901 ug/ml
14) T n-Tetracosane (C24)	13.831	16791299	133.453 ug/ml
15) T n-Hexacosane (C26)	14.836	8204235	68.695 ug/ml
16) T n-Octacosane (C28)	15.760	7948555	69.819 ug/ml
17) T n-Tricontane (C30)	16.632	7523634	68.444 ug/ml
18) T n-Dotriacontane (C32)	17.439	7432543	71.894 ug/mlm
19) T n-Tetratriacontane (C34)	18.205	6732081	68.954 ug/mlm
20) T n-Hexatriacontane (C36)	18.926	6350867	68.411 ug/mlm
21) T n-Octatriacontane (C38)	19.610	6059645	63.656 ug/mlm
22) T n-Tetracontane (C40)	20.257	5802787	61.299 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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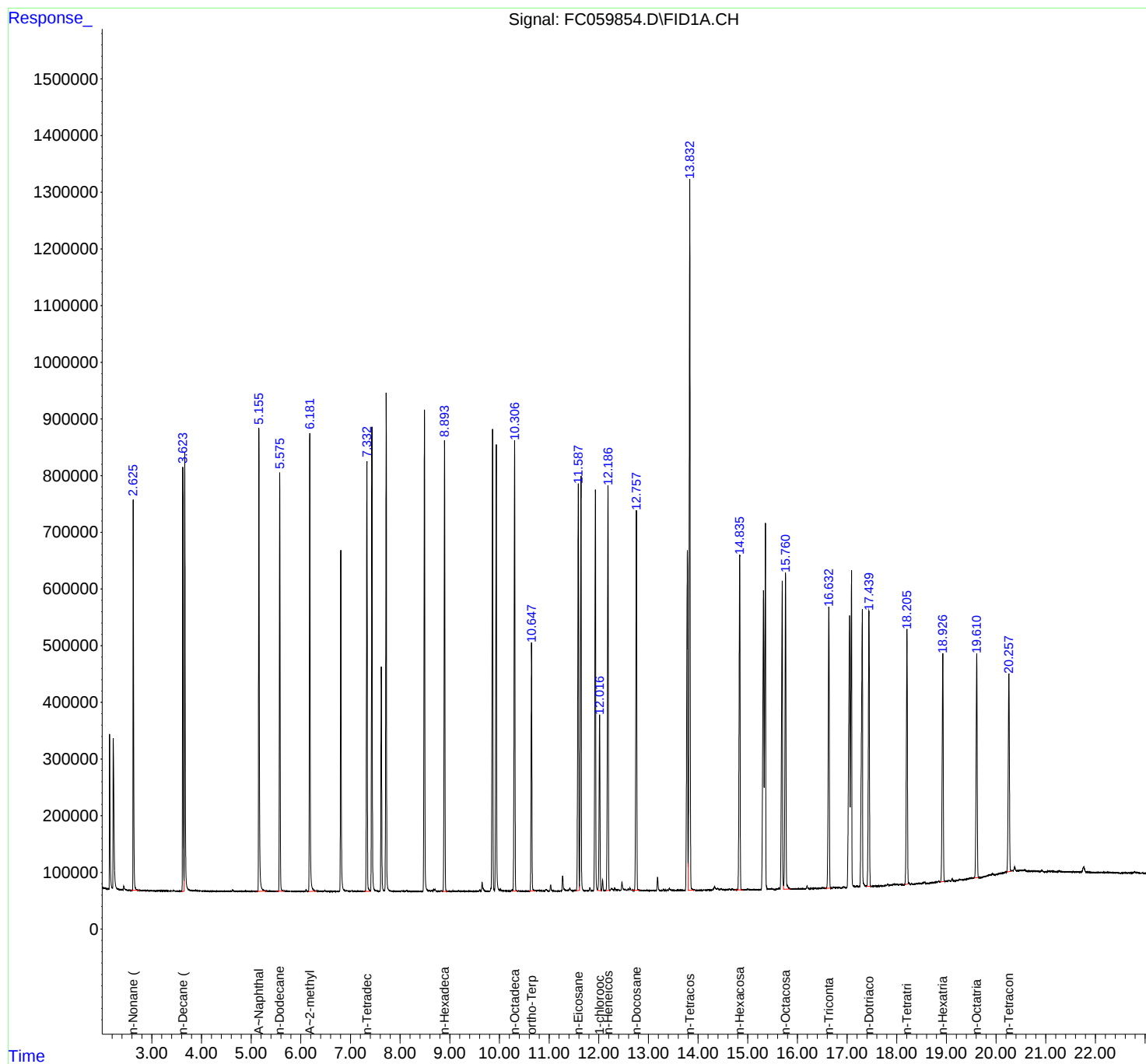
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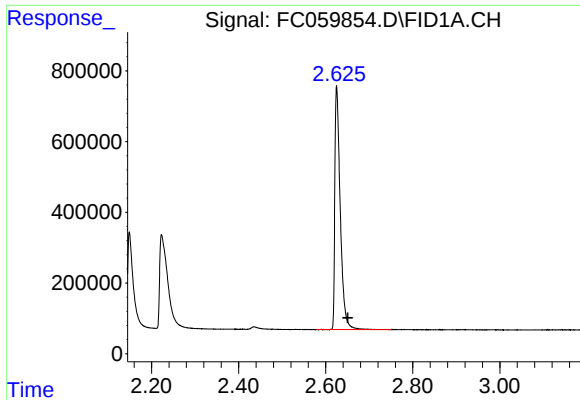
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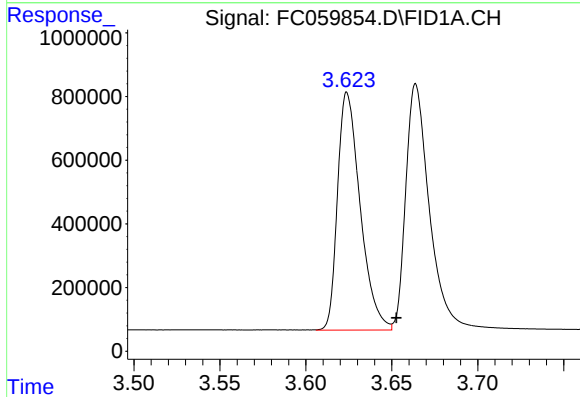
#1 n-Nonane (C9)

R.T.: 2.626 min
Delta R.T.: -0.025 min
Response: 5966832
Conc: 46.72 ug/ml

Instrument :
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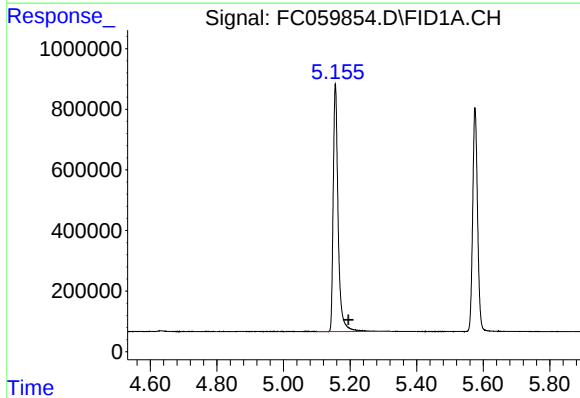
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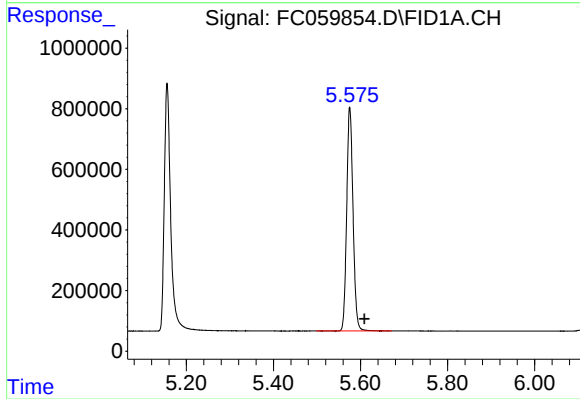
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.029 min
Response: 6855652
Conc: 54.13 ug/ml m



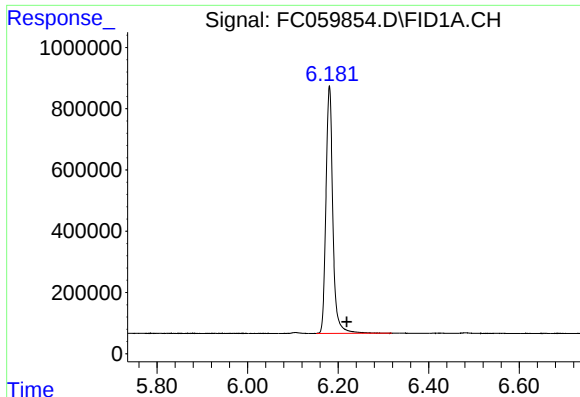
#3 A~Naphthalene (C11.7)

R.T.: 5.156 min
Delta R.T.: -0.038 min
Response: 8375561
Conc: 56.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: -0.033 min
Response: 7454356
Conc: 56.68 ug/ml



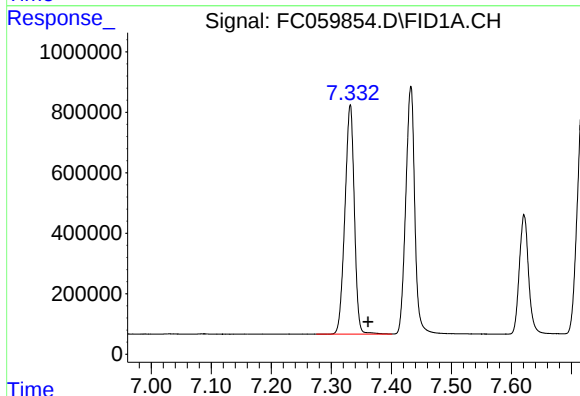
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.181 min
Delta R.T.: -0.038 min
Response: 8540291
Conc: 56.81 ug/ml

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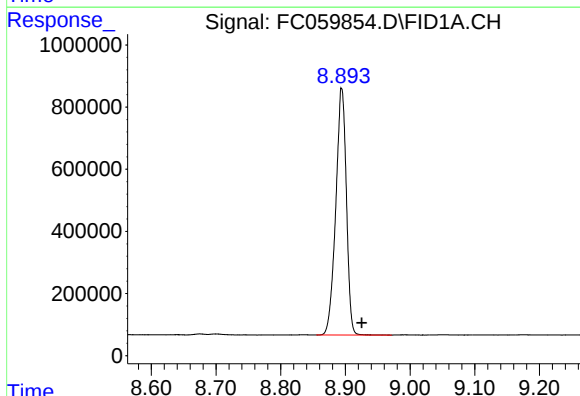
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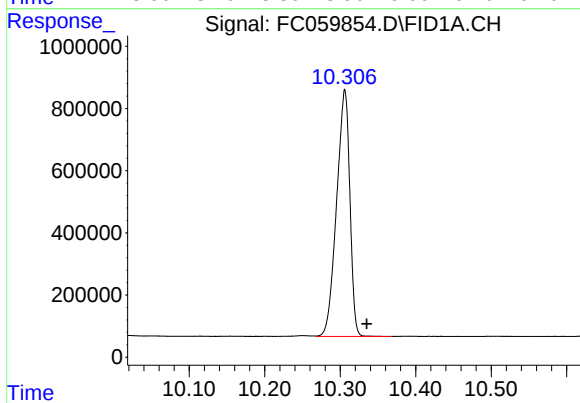
#6 n-Tetradecane (C14)

R.T.: 7.331 min
Delta R.T.: -0.030 min
Response: 8260786
Conc: 61.39 ug/ml



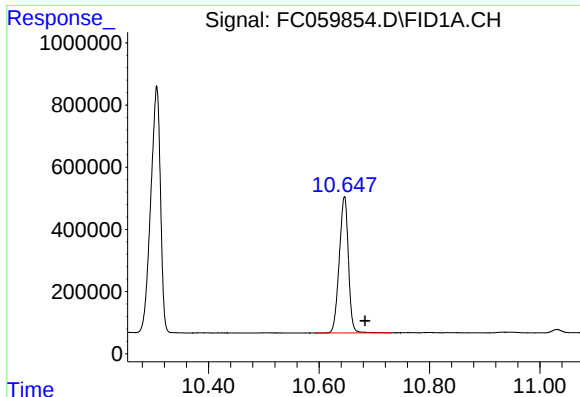
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.031 min
Response: 9042805
Conc: 65.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.306 min
Delta R.T.: -0.030 min
Response: 9680404
Conc: 70.25 ug/ml



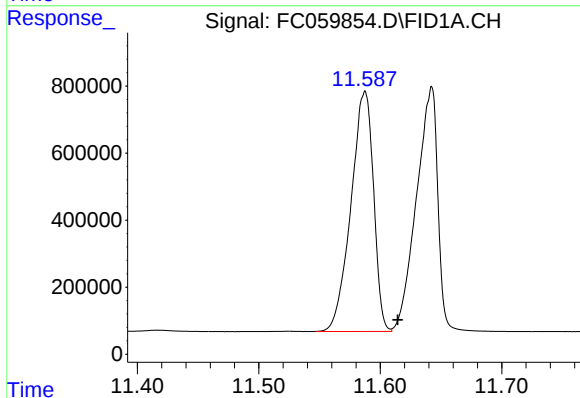
#9 ortho-Terphenyl (SURR)

R.T.: 10.646 min
Delta R.T.: -0.038 min
Response: 5025761
Conc: 34.22 ug/ml

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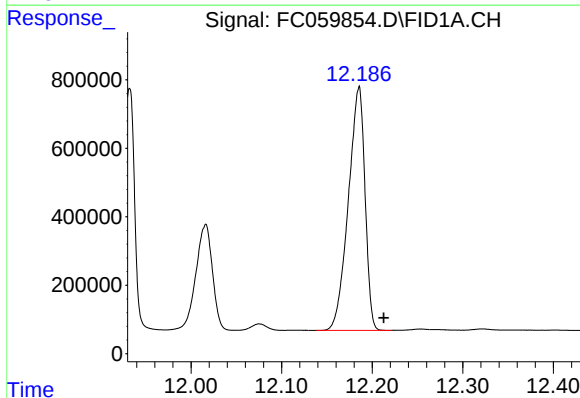
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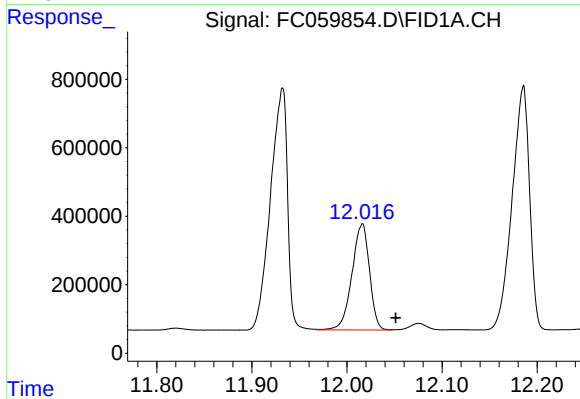
#10 n-Eicosane (C20)

R.T.: 11.587 min
Delta R.T.: -0.027 min
Response: 9260122
Conc: 68.85 ug/ml m



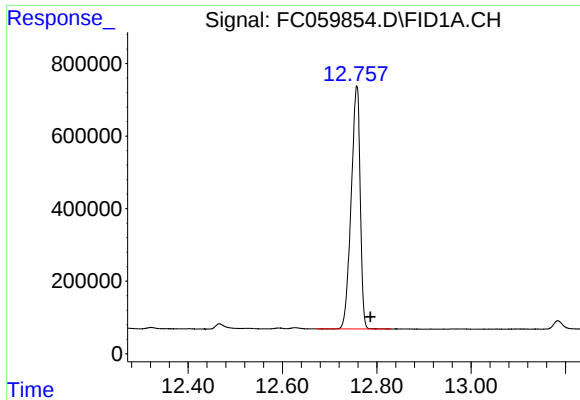
#11 n-Heneicosane (C21)

R.T.: 12.184 min
Delta R.T.: -0.029 min
Response: 9080558
Conc: 68.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.035 min
Response: 3960210
Conc: 34.41 ug/ml m



#13 n-Docosane (C22)

R.T.: 12.756 min
Delta R.T.: -0.030 min
Response: 8911357
Conc: 67.90 ug/ml

Instrument :

FID_C

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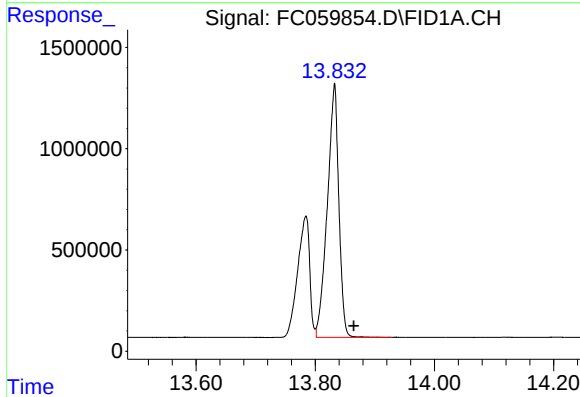
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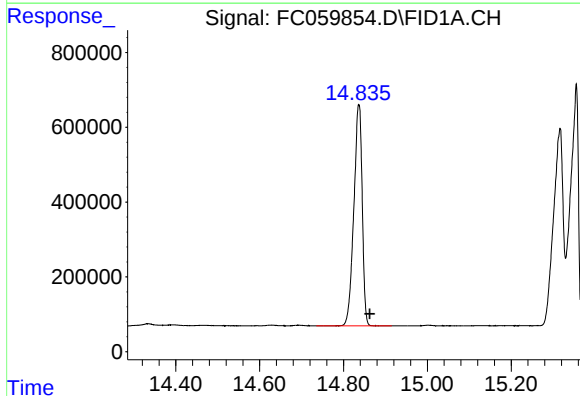
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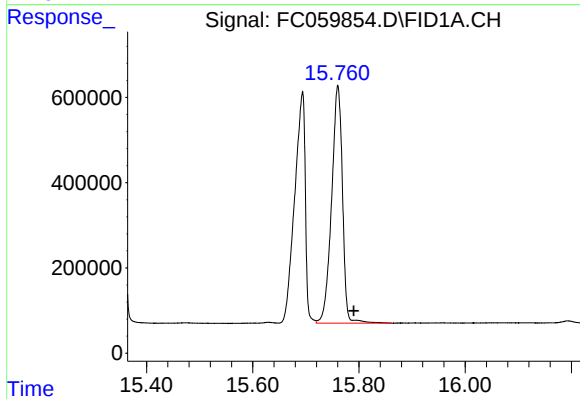
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: -0.034 min
Response: 16791299
Conc: 133.45 ug/ml



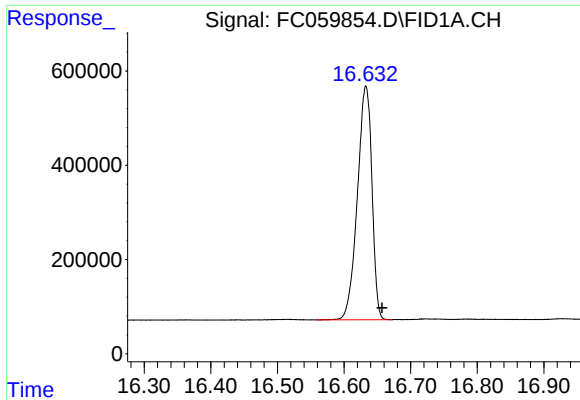
#15 n-Hexacosane (C26)

R.T.: 14.836 min
Delta R.T.: -0.027 min
Response: 8204235
Conc: 68.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.760 min
Delta R.T.: -0.031 min
Response: 7948555
Conc: 69.82 ug/ml



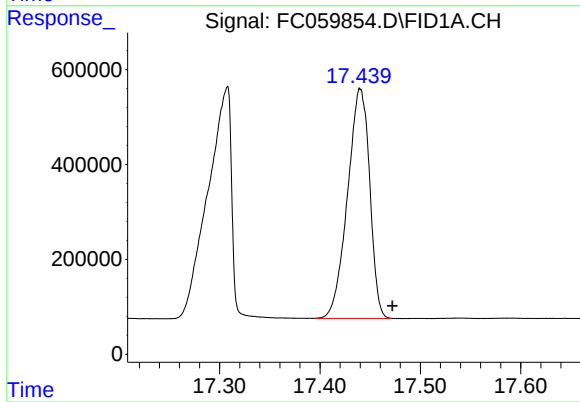
#17 n-Tricontane (C30)

R.T.: 16.632 min
Delta R.T.: -0.025 min
Response: 7523634
Conc: 68.44 ug/ml

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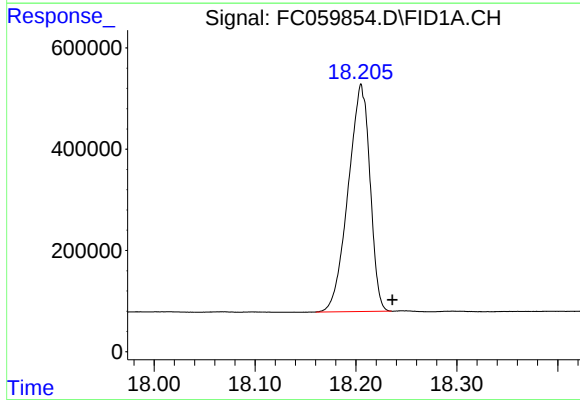
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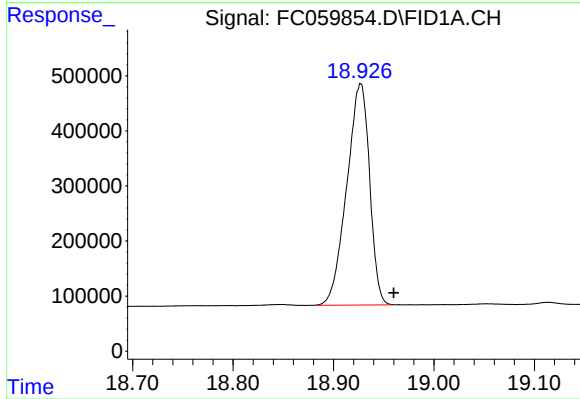
#18 n-Dotriacontane (C32)

R.T.: 17.439 min
Delta R.T.: -0.033 min
Response: 7432543
Conc: 71.89 ug/ml m



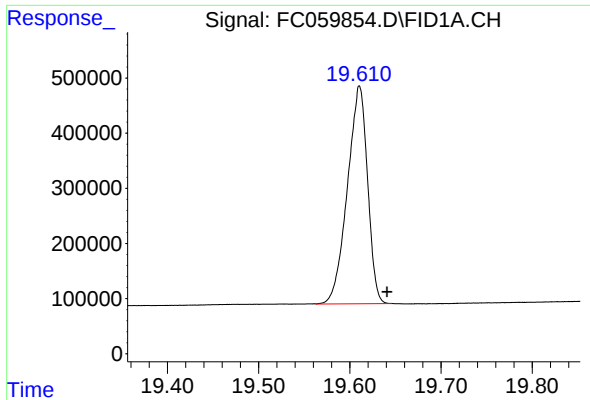
#19 n-Tetratriacontane (C34)

R.T.: 18.205 min
Delta R.T.: -0.031 min
Response: 6732081
Conc: 68.95 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.926 min
Delta R.T.: -0.034 min
Response: 6350867
Conc: 68.41 ug/ml m



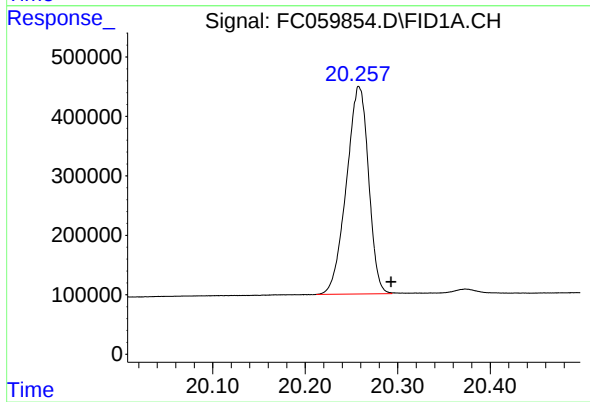
#21 n-Octatriacontane (C38)

R.T.: 19.610 min
Delta R.T.: -0.031 min
Response: 6059645
Conc: 63.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.257 min
Delta R.T.: -0.036 min
Response: 5802787
Conc: 61.30 ug/ml m