

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061822AL\
 Data File : FC060324.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jun 2022 17:58
 Operator : UA/NP
 Sample : PB145652BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145652BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: autoint1.e
 Quant Time: Jun 20 00:59:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.650	7140971	45.886 ug/ml
Spiked Amount 50.000		Recovery =	91.77%
12) S 1-chlorooctadecane (S...	12.020	5939075	47.900 ug/ml
Spiked Amount 50.000		Recovery =	95.80%
Target Compounds			
1) T n-Nonane (C9)	2.633	4872360	38.069 ug/ml
2) T n-Decane (C10)	3.626	5032613	39.338 ug/ml
3) T A~Naphthalene (C11.7)	5.159	6043107	41.809 ug/ml
4) T n-Dodecane (C12)	5.575	5454556	40.918 ug/ml
5) T A~2-methylnaphthalene...	6.183	6112127	41.645 ug/ml
6) T n-Tetradecane (C14)	7.330	5908623	43.282 ug/ml
7) T n-Hexadecane (C16)	8.894	6394182	45.572 ug/ml
8) T n-Octadecane (C18)	10.304	6779803	47.375 ug/ml
10) T n-Eicosane (C20)	11.584	6471852	45.362 ug/ml
11) T n-Heneicosane (C21)	12.183	6384786	44.544 ug/ml
13) T n-Docosane (C22)	12.756	6271153	44.009 ug/ml
14) T n-Tetracosane (C24)	13.836	11558685	82.368 ug/mlm
15) T n-Hexacosane (C26)	14.836	5682733	41.965 ug/ml
16) T n-Octacosane (C28)	15.762	5857990	44.980 ug/ml
17) T n-Tricontane (C30)	16.634	5197228	42.452 ug/ml
18) T n-Dotriacontane (C32)	17.444	5250621	47.093 ug/ml
19) T n-Tetratriacontane (C34)	18.209	4858298	47.633 ug/ml
20) T n-Hexatriacontane (C36)	18.931	4685919	49.482 ug/ml
21) T n-Octatriacontane (C38)	19.615	4507202	48.852 ug/ml
22) T n-Tetracontane (C40)	20.264	4375056	46.501 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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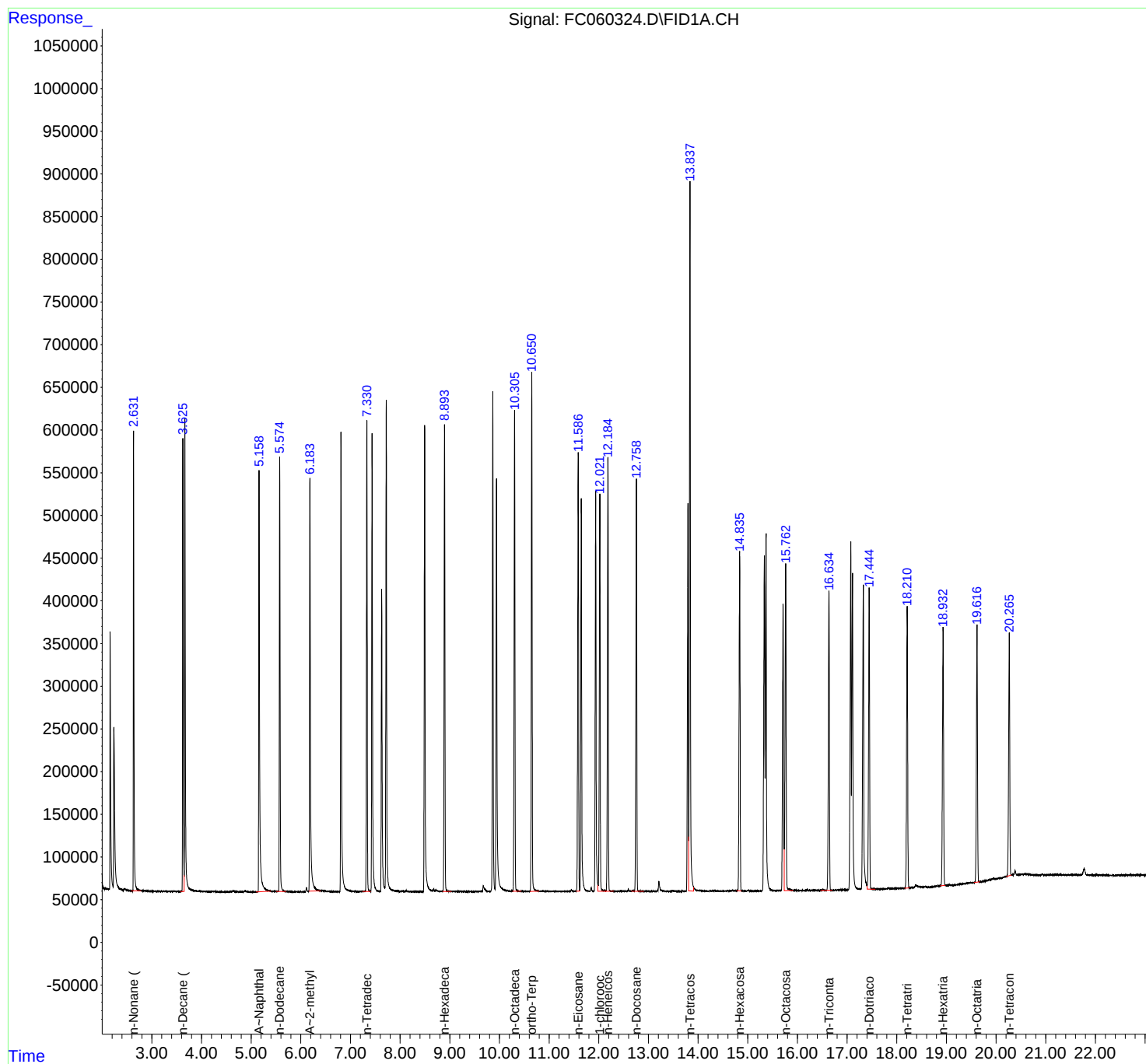
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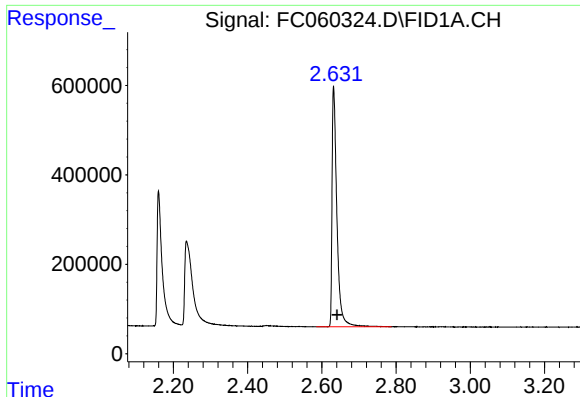
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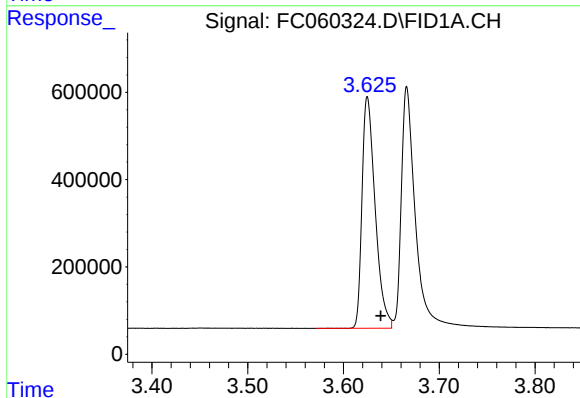
#1 n-Nonane (C9)

R.T.: 2.633 min
Delta R.T.: -0.008 min
Response: 4872360
Conc: 38.07 ug/ml

Instrument :
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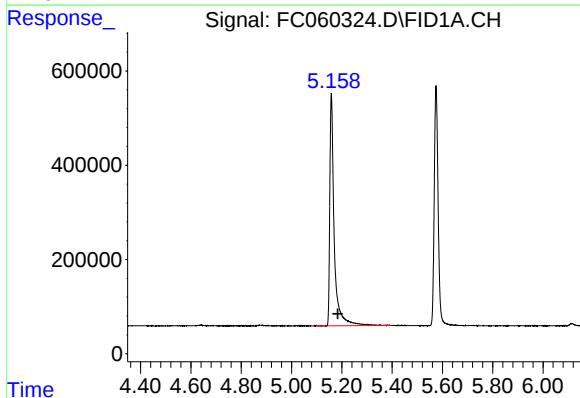
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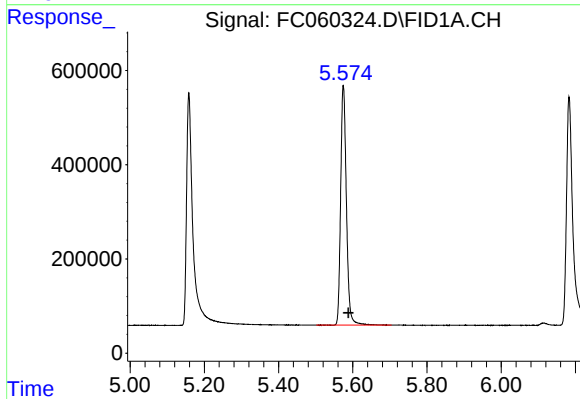
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.013 min
Response: 5032613
Conc: 39.34 ug/ml



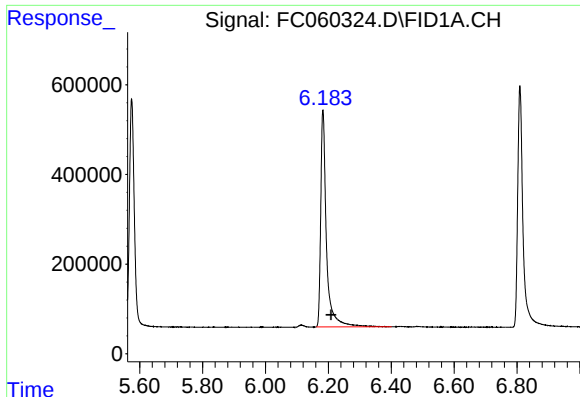
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.025 min
Response: 6043107
Conc: 41.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.575 min
Delta R.T.: -0.013 min
Response: 5454556
Conc: 40.92 ug/ml



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

R.T.: 6.183 min
Delta R.T.: -0.025 min
Response: 6112127
Conc: 41.64 ug/ml

Instrument :

FID_C

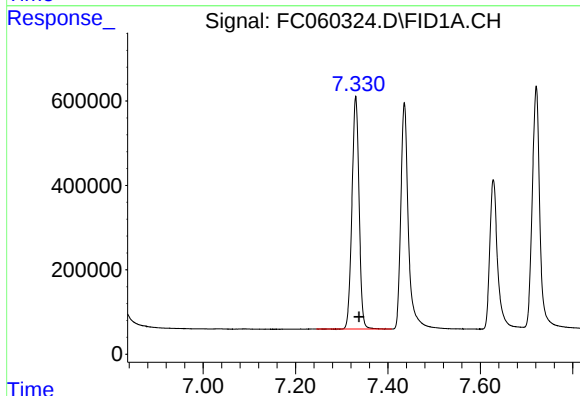
ClientSampleId :

PB145652BS

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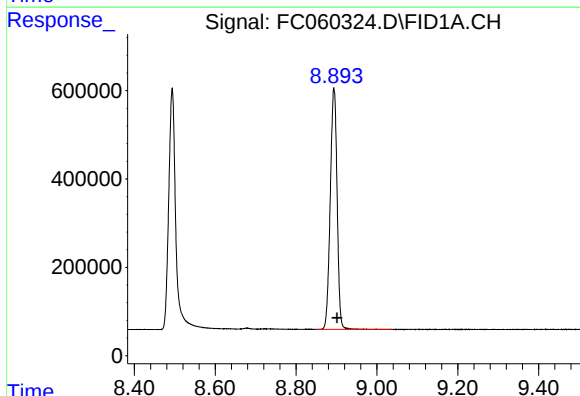
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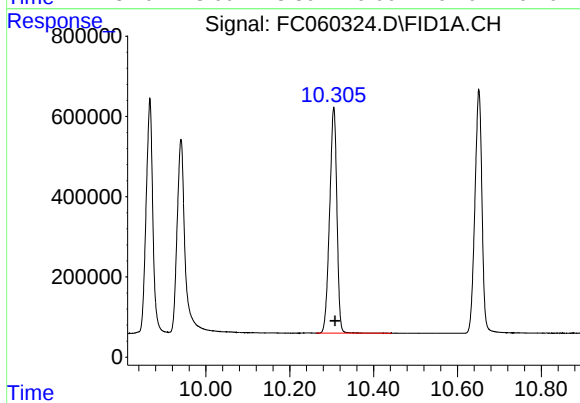
#6 n-Tetradecane (C14)

R.T.: 7.330 min
Delta R.T.: -0.007 min
Response: 5908623
Conc: 43.28 ug/ml



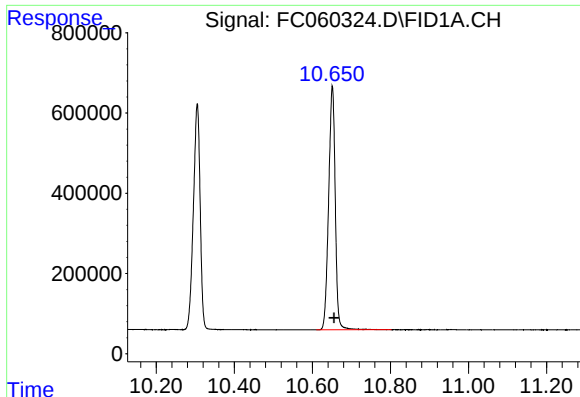
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.008 min
Response: 6394182
Conc: 45.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 6779803
Conc: 47.38 ug/ml



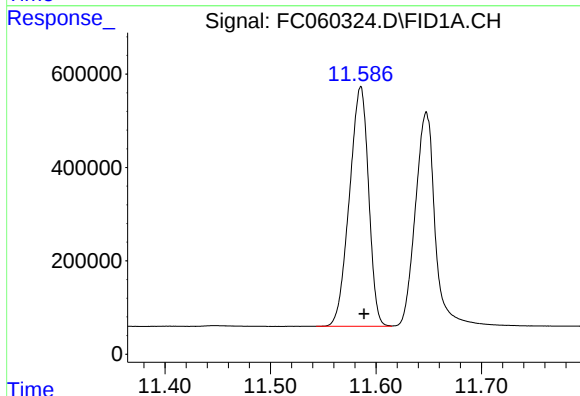
#9 ortho-Terphenyl (SURR)

R.T.: 10.650 min
Delta R.T.: -0.005 min
Response: 7140971
Conc: 45.89 ug/ml

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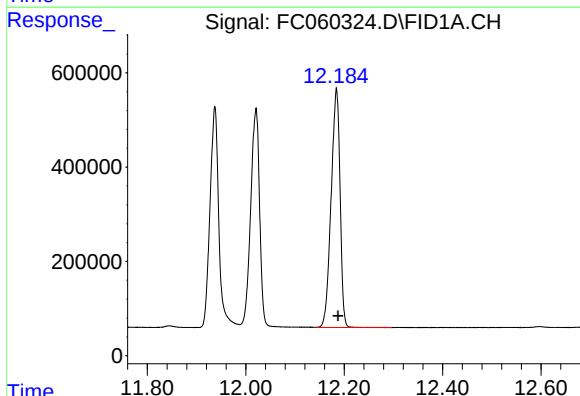
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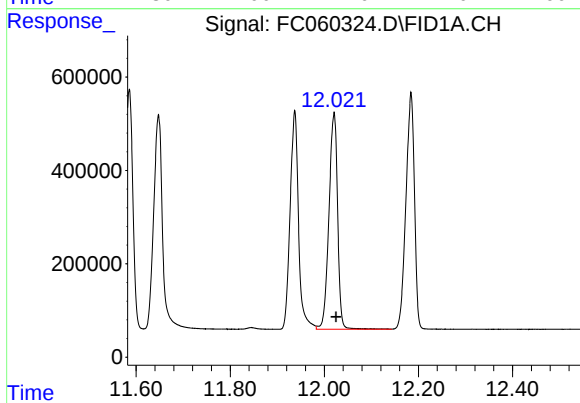
#10 n-Eicosane (C20)

R.T.: 11.584 min
Delta R.T.: -0.004 min
Response: 6471852
Conc: 45.36 ug/ml



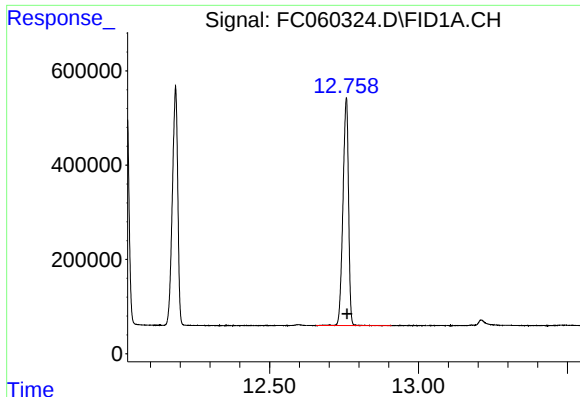
#11 n-Heneicosane (C21)

R.T.: 12.183 min
Delta R.T.: -0.005 min
Response: 6384786
Conc: 44.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.020 min
Delta R.T.: -0.005 min
Response: 5939075
Conc: 47.90 ug/ml



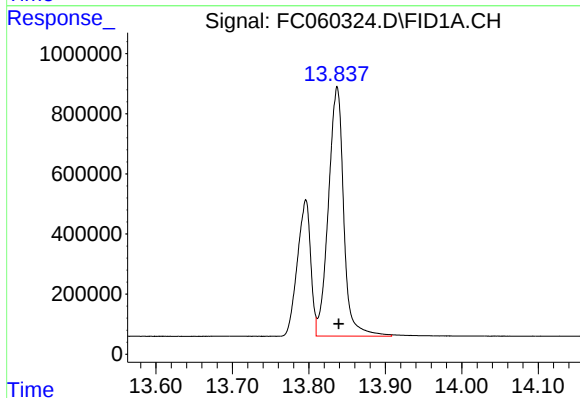
#13 n-Docosane (C22)

R.T.: 12.756 min
Delta R.T.: -0.004 min
Response: 6271153
Conc: 44.01 ug/ml

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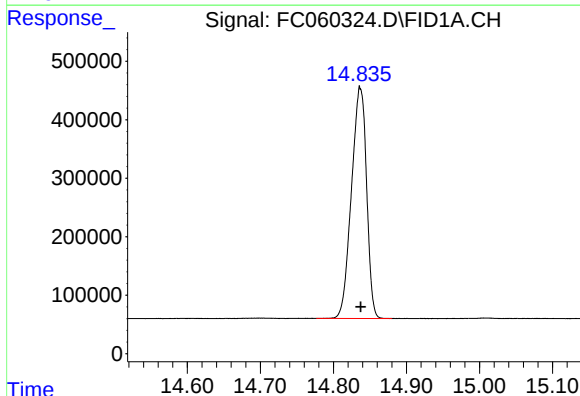
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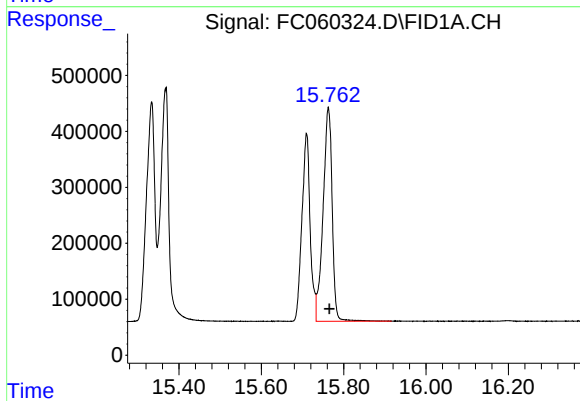
#14 n-Tetracosane (C24)

R.T.: 13.836 min
Delta R.T.: -0.003 min
Response: 11558685
Conc: 82.37 ug/ml m



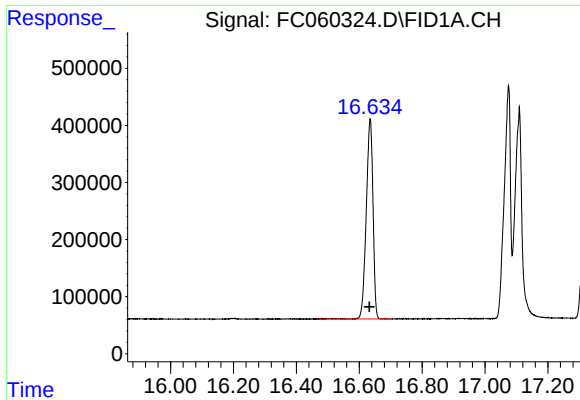
#15 n-Hexacosane (C26)

R.T.: 14.836 min
Delta R.T.: -0.001 min
Response: 5682733
Conc: 41.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.762 min
Delta R.T.: -0.004 min
Response: 5857990
Conc: 44.98 ug/ml



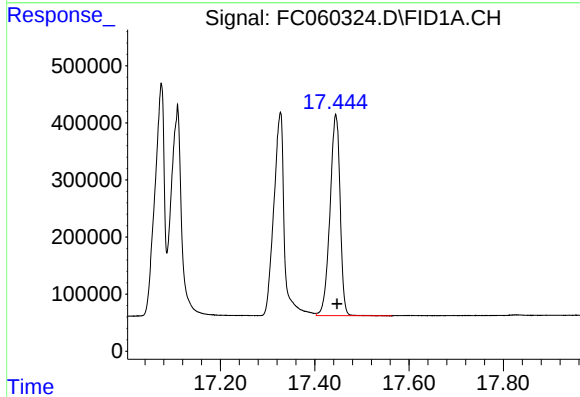
#17 n-Tricontane (C30)

R.T.: 16.634 min
Delta R.T.: 0.001 min
Response: 5197228
Conc: 42.45 ug/ml

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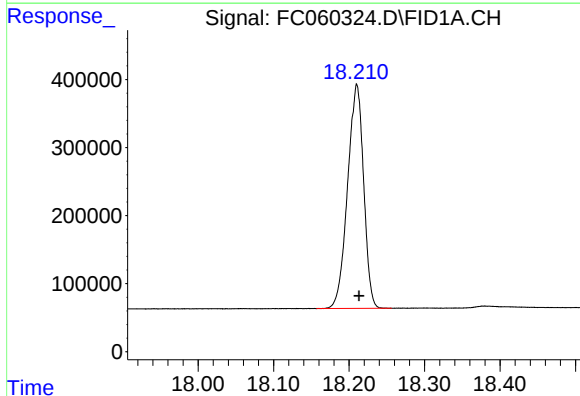
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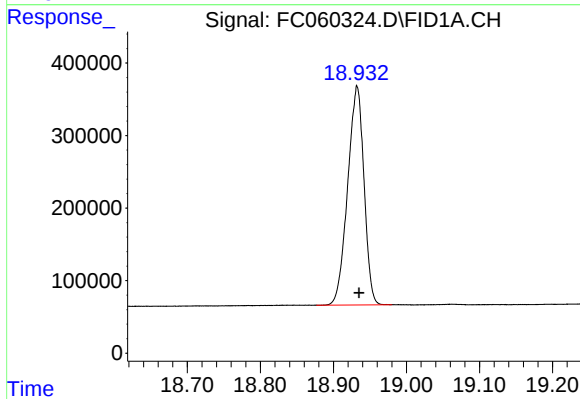
#18 n-Dotriacontane (C32)

R.T.: 17.444 min
Delta R.T.: -0.003 min
Response: 5250621
Conc: 47.09 ug/ml



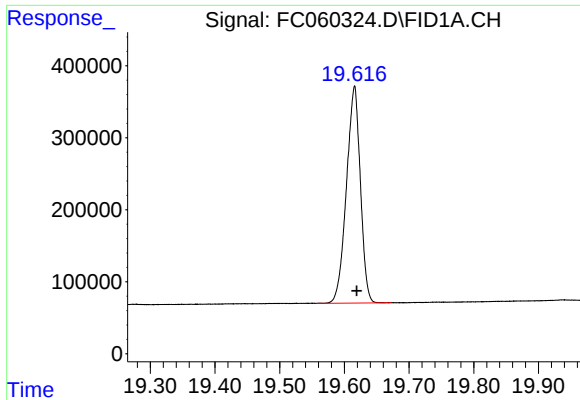
#19 n-Tetratriacontane (C34)

R.T.: 18.209 min
Delta R.T.: -0.004 min
Response: 4858298
Conc: 47.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.931 min
Delta R.T.: -0.004 min
Response: 4685919
Conc: 49.48 ug/ml



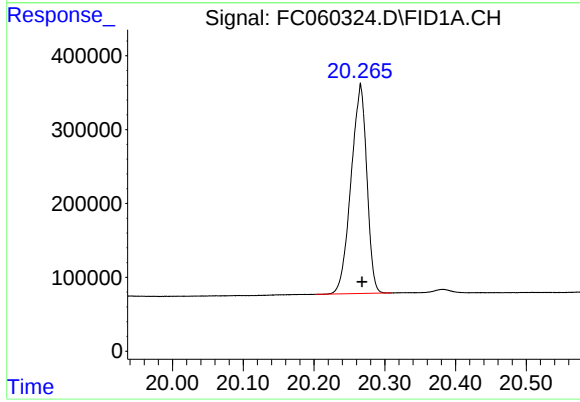
#21 n-Octatriacontane (C38)

R.T.: 19.615 min
Delta R.T.: -0.004 min
Response: 4507202
Conc: 48.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.264 min
Delta R.T.: -0.004 min
Response: 4375056
Conc: 46.50 ug/ml