

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052522AL\
 Data File : FC059917.D
 Signal(s) : FID1A.CH
 Acq On : 25 May 2022 17:29
 Operator : UA/NP
 Sample : PB145088BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145088BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/26/2022
 Supervised By :Ankita Jodhani 05/26/2022

Integration File: sample.E
 Quant Time: May 26 00:44:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052522.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 01:57:57 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)	10.641	7402902	47.059 ug/ml
Spiked Amount 50.000		Recovery =	94.12%
12) S 1-chlorooctadecane (S...	12.009	6109030	48.421 ug/ml
Spiked Amount 50.000		Recovery =	96.84%
Target Compounds			
1) T n-Nonane (C9)	2.638	4979942	37.988 ug/ml
2) T n-Decane (C10)	3.628	5002748	38.566 ug/ml
3) T A~Naphthalene (C11.7)	5.157	6209070	42.493 ug/ml
4) T n-Dodecane (C12)	5.574	5543911	41.320 ug/ml
5) T A~2-methylnaphthalene...	6.179	6372704	42.455 ug/ml
6) T n-Tetradecane (C14)	7.326	6036827	44.221 ug/ml
7) T n-Hexadecane (C16)	8.888	6610089	46.977 ug/ml
8) T n-Octadecane (C18)	10.297	7124406	49.499 ug/ml
10) T n-Eicosane (C20)	11.576	7005180	48.490 ug/ml
11) T n-Heneicosane (C21)	12.173	7003898	48.295 ug/ml
13) T n-Docosane (C22)	12.745	7013162	48.070 ug/ml
14) T n-Tetracosane (C24)	13.819	14019659	96.017 ug/ml
15) T n-Hexacosane (C26)	14.822	6782975	47.202 ug/ml
16) T n-Octacosane (C28)	15.747	6912935	49.316 ug/ml
17) T n-Tricontane (C30)	16.616	6165944	46.154 ug/ml
18) T n-Dotriacontane (C32)	17.425	5852196	48.016 ug/ml
19) T n-Tetratriacontane (C34)	18.187	5154380	48.478 ug/mlm
20) T n-Hexatriacontane (C36)	18.910	4566207	47.521 ug/ml
21) T n-Octatriacontane (C38)	19.593	4182005	45.362 ug/ml
22) T n-Tetracontane (C40)	20.242	4149631	43.332 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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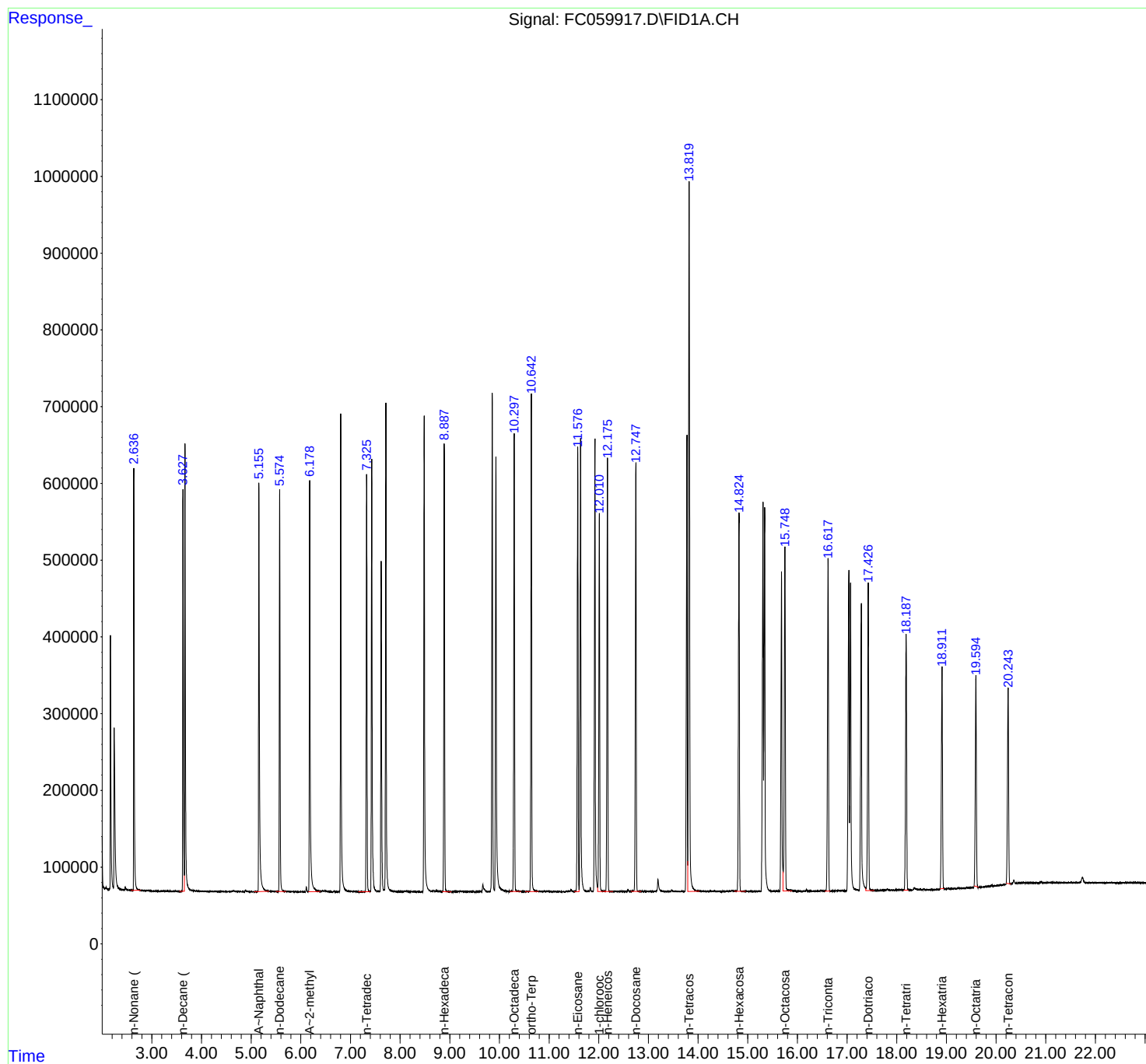
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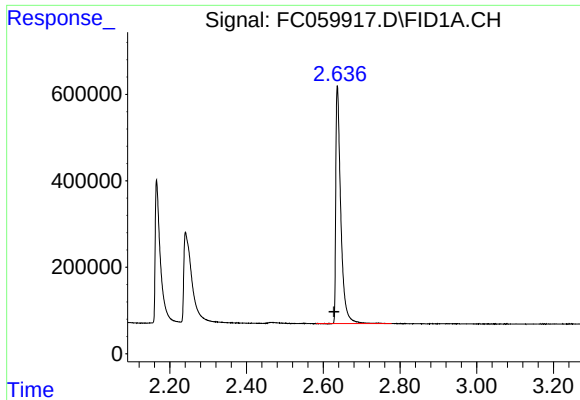
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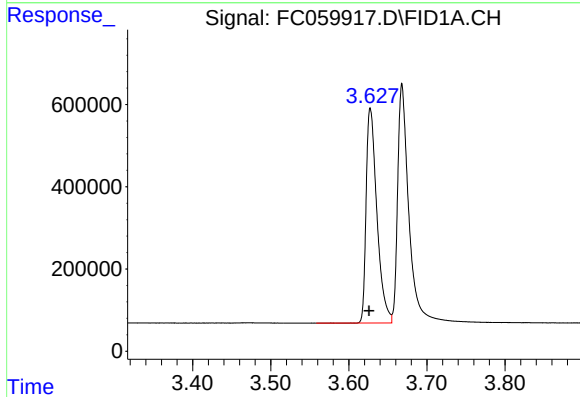
#1 n-Nonane (C9)

R.T.: 2.638 min
Delta R.T.: 0.010 min
Response: 4979942
Conc: 37.99 ug/ml

Instrument :
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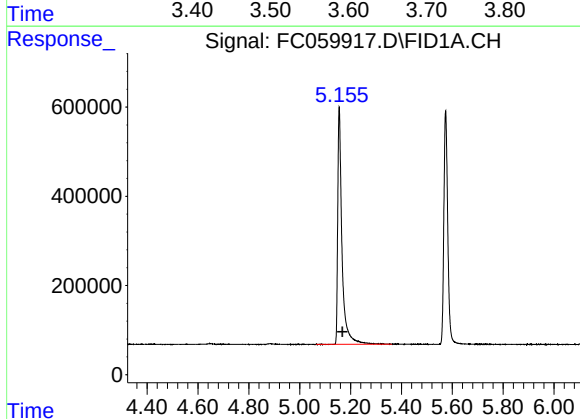
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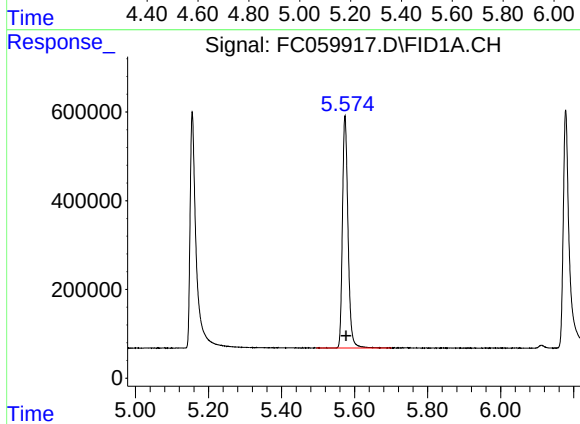
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: 0.002 min
Response: 5002748
Conc: 38.57 ug/ml



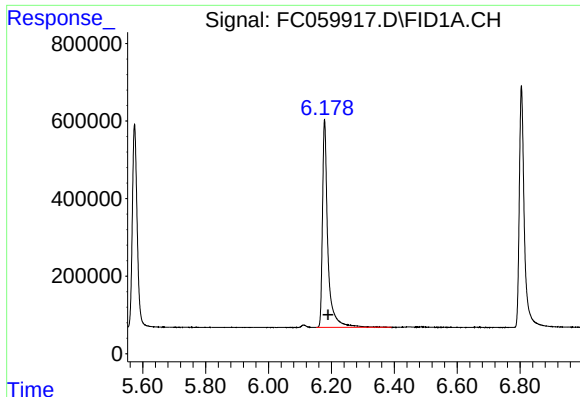
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.011 min
Response: 6209070
Conc: 42.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.574 min
Delta R.T.: -0.002 min
Response: 5543911
Conc: 41.32 ug/ml



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

R.T.: 6.179 min
Delta R.T.: -0.010 min
Response: 6372704
Conc: 42.46 ug/ml

Instrument :

FID_C

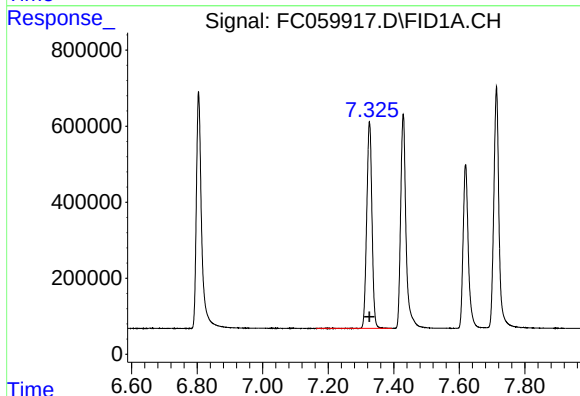
ClientSampleId :

PB145088BS

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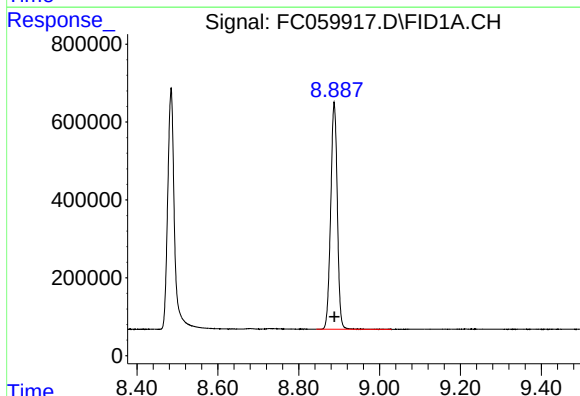
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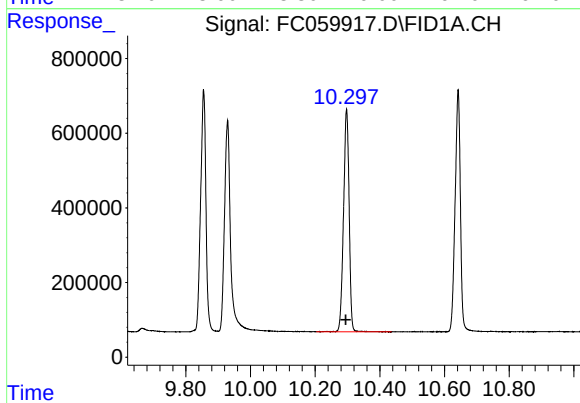
#6 n-Tetradecane (C14)

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 6036827
Conc: 44.22 ug/ml



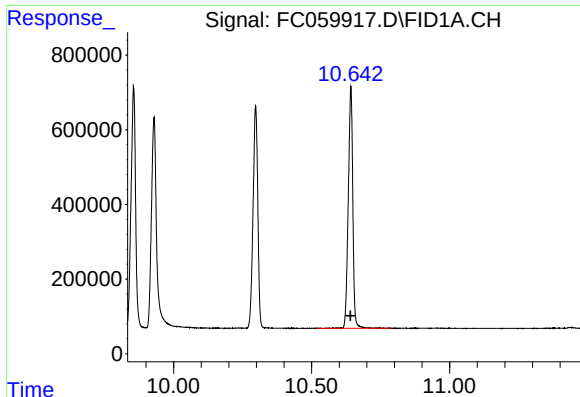
#7 n-Hexadecane (C16)

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 6610089
Conc: 46.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.297 min
Delta R.T.: 0.002 min
Response: 7124406
Conc: 49.50 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 7402902
Conc: 47.06 ug/ml

Instrument :

FID_C

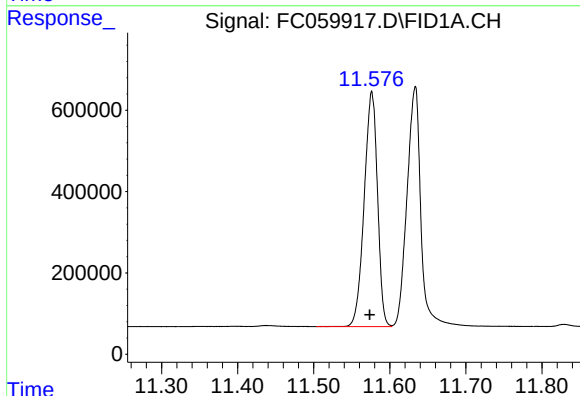
ClientSampleId :

PB145088BS

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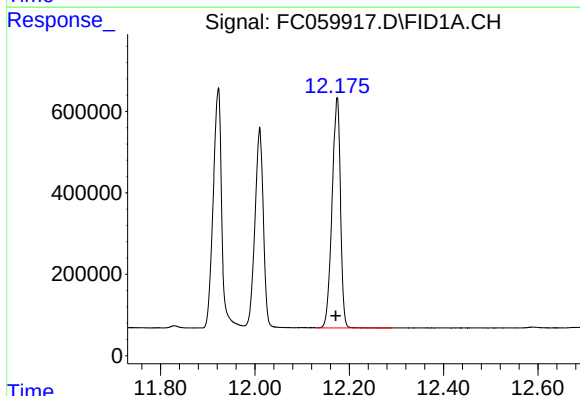
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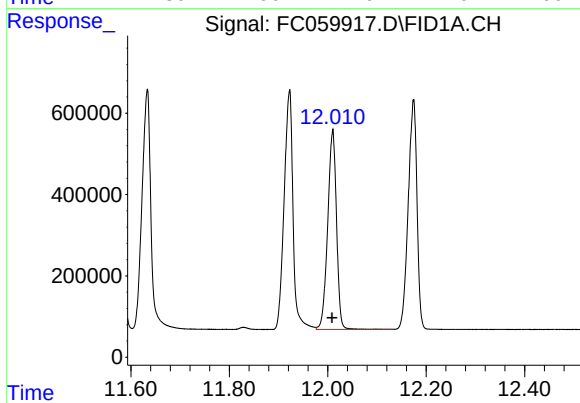
#10 n-Eicosane (C20)

R.T.: 11.576 min
Delta R.T.: 0.002 min
Response: 7005180
Conc: 48.49 ug/ml



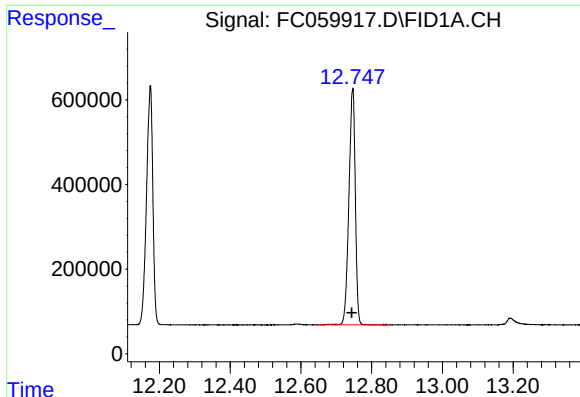
#11 n-Heneicosane (C21)

R.T.: 12.173 min
Delta R.T.: 0.002 min
Response: 7003898
Conc: 48.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.009 min
Delta R.T.: 0.000 min
Response: 6109030
Conc: 48.42 ug/ml



#13 n-Docosane (C22)

R.T.: 12.745 min
Delta R.T.: 0.002 min
Response: 7013162
Conc: 48.07 ug/ml

Instrument :

FID_C

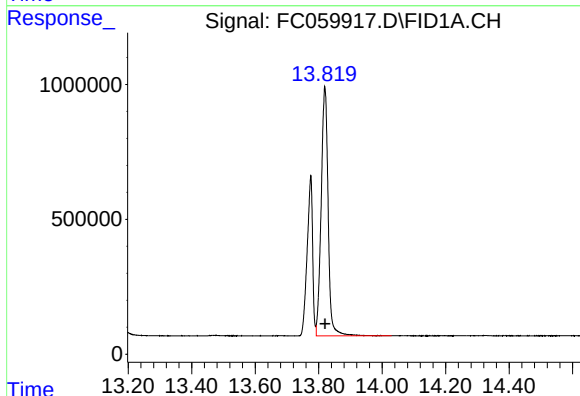
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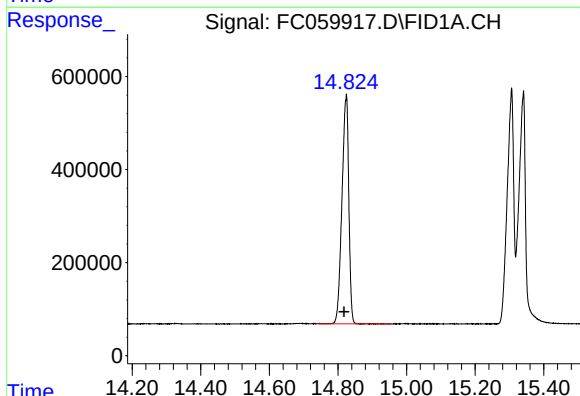
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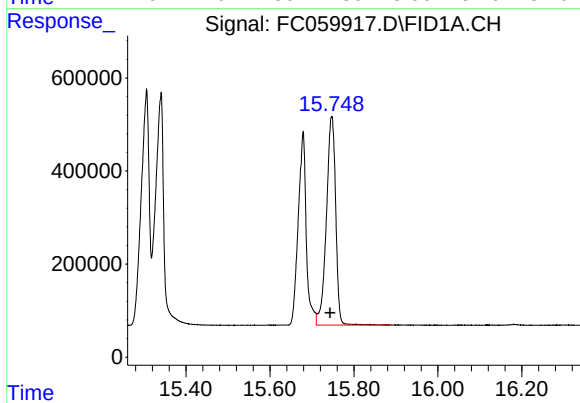
#14 n-Tetracosane (C24)

R.T.: 13.819 min
Delta R.T.: -0.001 min
Response: 14019659
Conc: 96.02 ug/ml



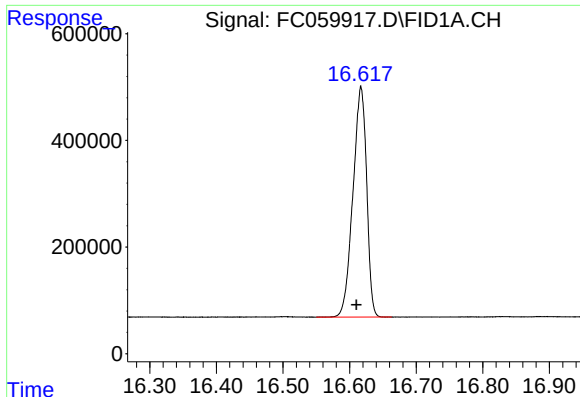
#15 n-Hexacosane (C26)

R.T.: 14.822 min
Delta R.T.: 0.005 min
Response: 6782975
Conc: 47.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.747 min
Delta R.T.: 0.004 min
Response: 6912935
Conc: 49.32 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.616 min
Delta R.T.: 0.006 min
Response: 6165944
Conc: 46.15 ug/ml

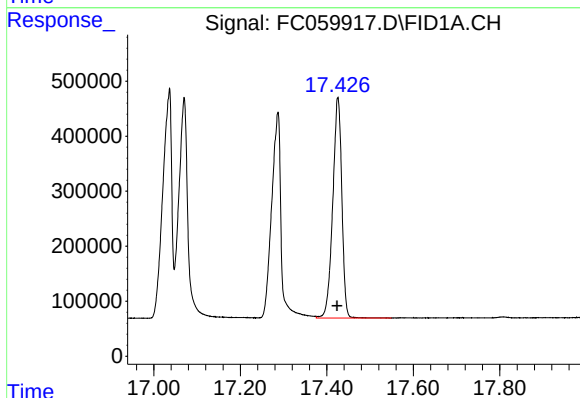
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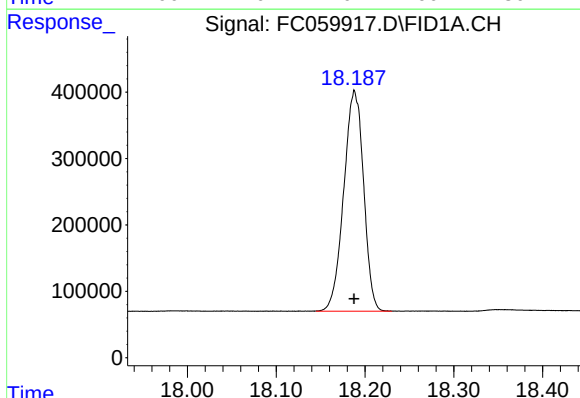
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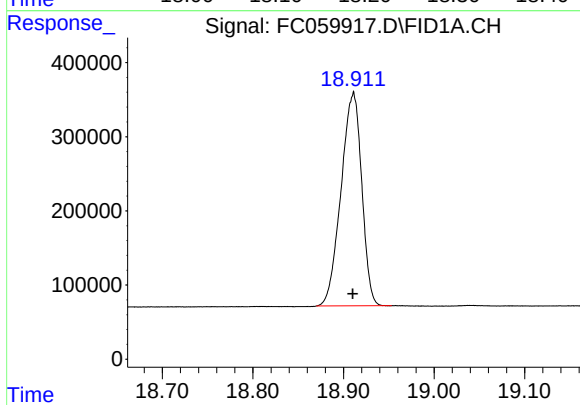
#18 n-Dotriacontane (C32)

R.T.: 17.425 min
Delta R.T.: 0.001 min
Response: 5852196
Conc: 48.02 ug/ml



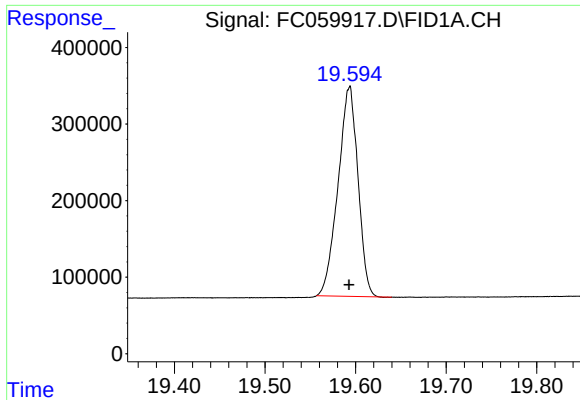
#19 n-Tetratriacontane (C34)

R.T.: 18.187 min
Delta R.T.: 0.000 min
Response: 5154380
Conc: 48.48 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 4566207
Conc: 47.52 ug/ml



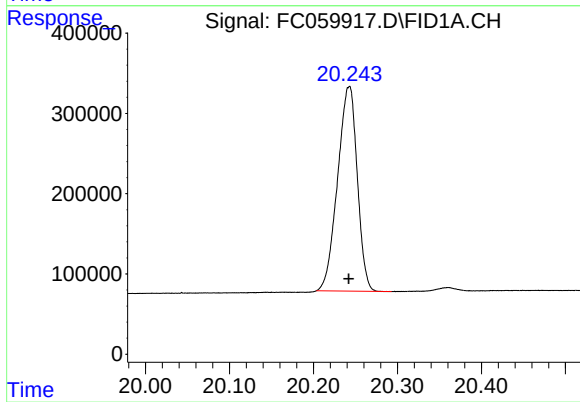
#21 n-Octatriacontane (C38)

R.T.: 19.593 min
Delta R.T.: 0.000 min
Response: 4182005
Conc: 45.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.242 min
Delta R.T.: 0.000 min
Response: 4149631
Conc: 43.33 ug/ml