

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
 Data File : FC060199.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2022 20:39
 Operator : UA/NP
 Sample : PB145454BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145454BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: autoint1.e
 Quant Time: Jun 10 23:07:10 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	6664398	42.824 ug/ml
Spiked Amount 50.000		Recovery =	85.65%
12) S 1-chlorooctadecane (S...	12.017	5775916	46.584 ug/ml
Spiked Amount 50.000		Recovery =	93.17%
Target Compounds			
1) T n-Nonane (C9)	2.641	6560730	51.261 ug/ml
2) T n-Decane (C10)	3.632	6805440	53.196 ug/ml
3) T A~Naphthalene (C11.7)	5.161	8499030	58.801 ug/ml
4) T n-Dodecane (C12)	5.578	7601597	57.024 ug/ml
5) T A~2-methylnaphthalene...	6.186	8501543	57.925 ug/ml
6) T n-Tetradecane (C14)	7.332	7791153	57.072 ug/ml
7) T n-Hexadecane (C16)	8.895	7960990	56.739 ug/ml
8) T n-Octadecane (C18)	10.305	8361895	58.431 ug/ml
10) T n-Eicosane (C20)	11.585	8100282	56.776 ug/ml
11) T n-Heneicosane (C21)	12.182	8068684	56.291 ug/ml
13) T n-Docosane (C22)	12.756	7937913	55.705 ug/mlm
14) T n-Tetracosane (C24)	13.832	14838655	105.741 ug/ml
15) T n-Hexacosane (C26)	14.833	7421226	54.803 ug/ml
16) T n-Octacosane (C28)	15.758	8287413	63.634 ug/ml
17) T n-Tricontane (C30)	16.628	6696382	54.698 ug/ml
18) T n-Dotriacontane (C32)	17.438	6678183	59.896 ug/ml
19) T n-Tetratriacontane (C34)	18.202	5883991	57.689 ug/ml
20) T n-Hexatriacontane (C36)	18.924	5387259	56.888 ug/ml
21) T n-Octatriacontane (C38)	19.606	5080314	55.064 ug/ml
22) T n-Tetracontane (C40)	20.255	5007837	53.226 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB145454BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

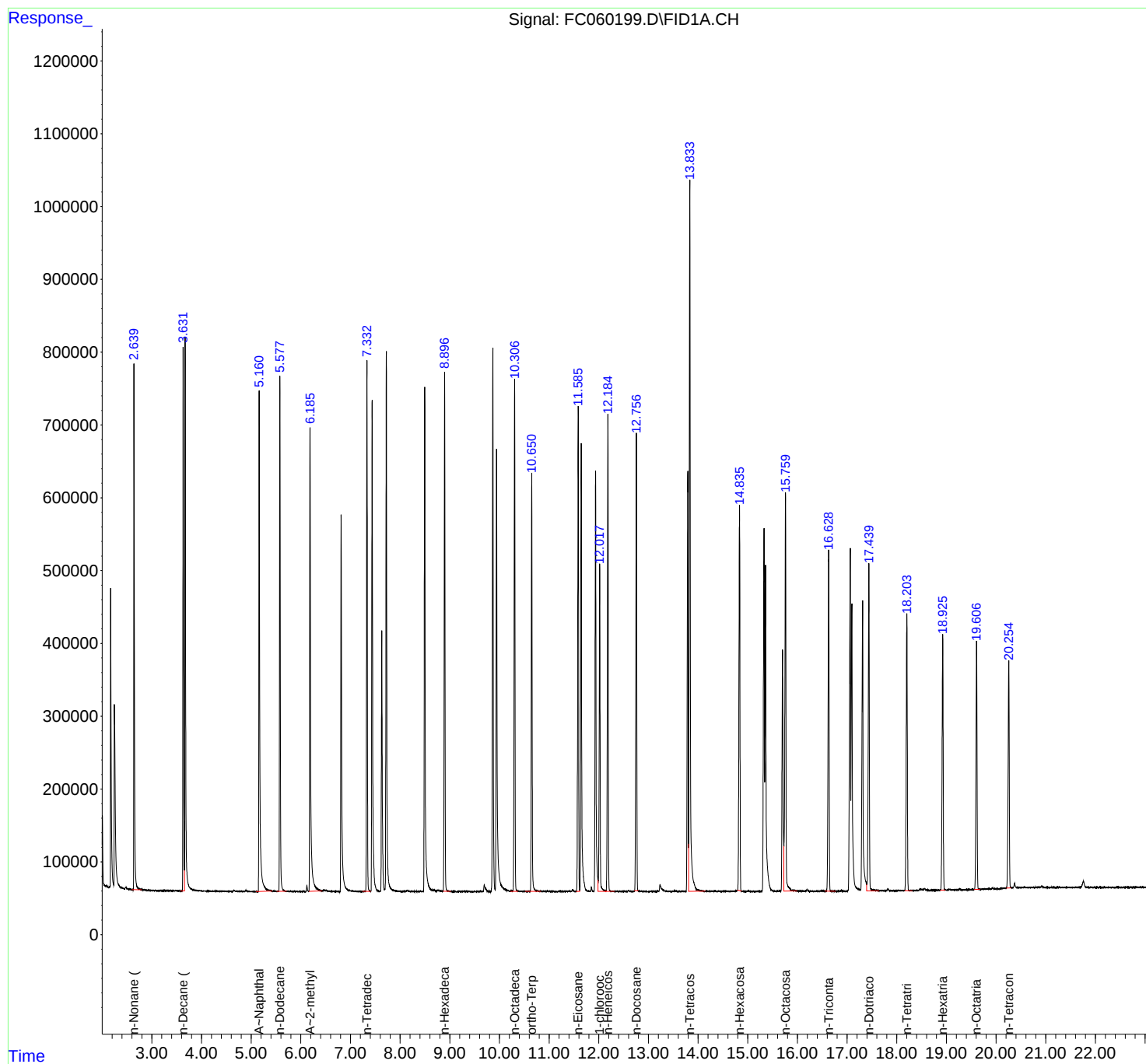
Instrument :
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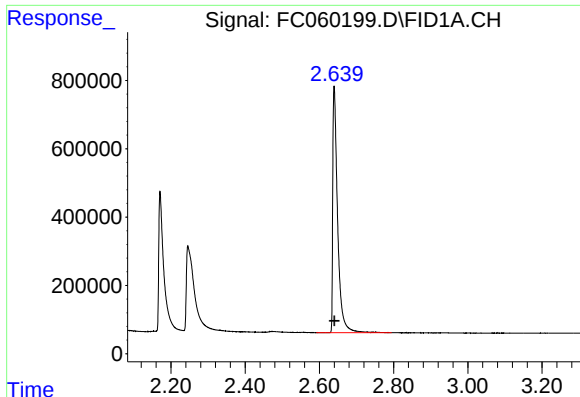
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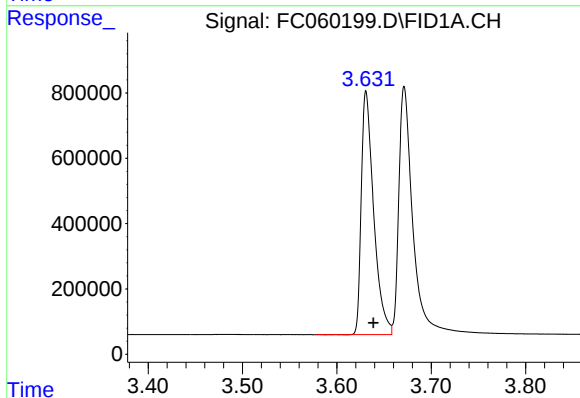
#1 n-Nonane (C9)

R.T.: 2.641 min
Delta R.T.: 0.000 min
Response: 6560730
Conc: 51.26 ug/ml

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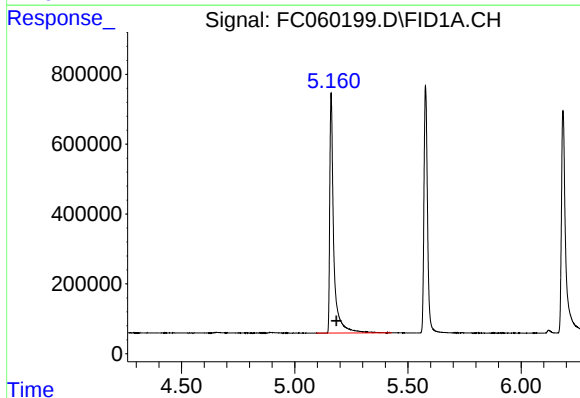
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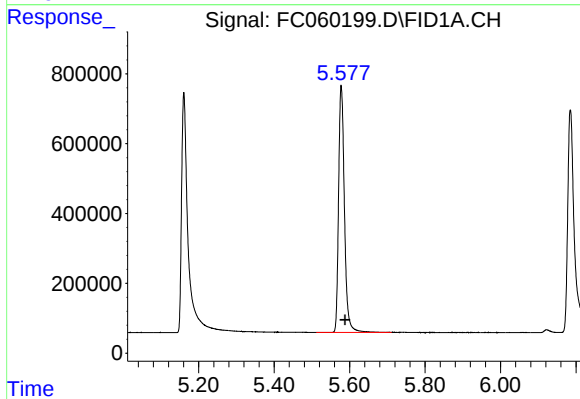
#2 n-Decane (C10)

R.T.: 3.632 min
Delta R.T.: -0.007 min
Response: 6805440
Conc: 53.20 ug/ml



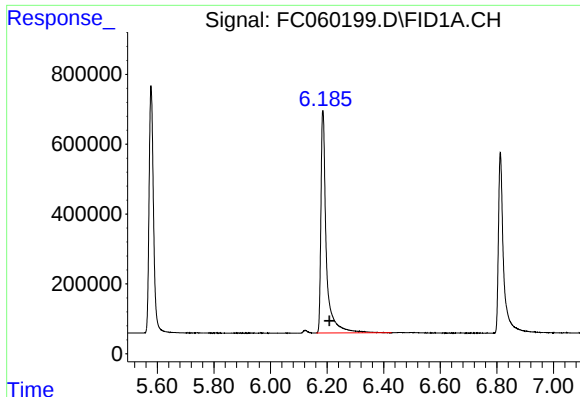
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.023 min
Response: 8499030
Conc: 58.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.578 min
Delta R.T.: -0.010 min
Response: 7601597
Conc: 57.02 ug/ml



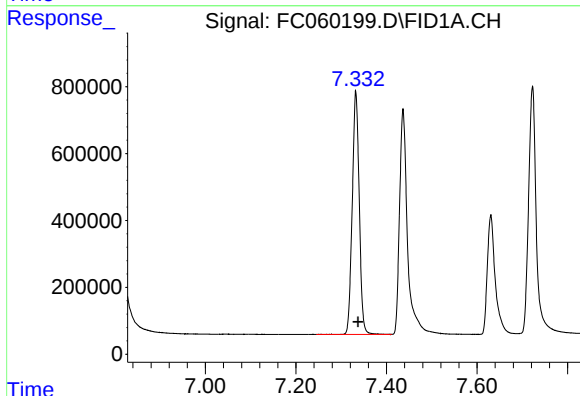
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.186 min
Delta R.T.: -0.023 min
Response: 8501543
Conc: 57.92 ug/ml

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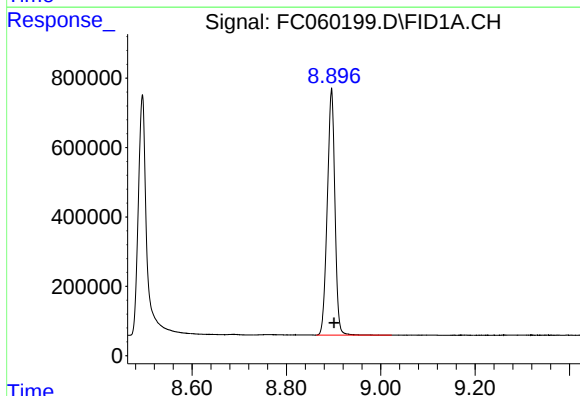
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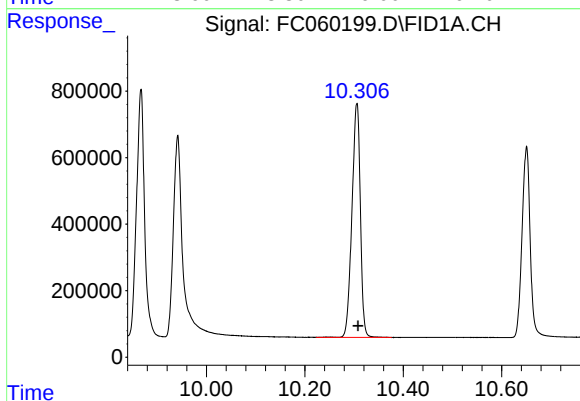
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.005 min
Response: 7791153
Conc: 57.07 ug/ml



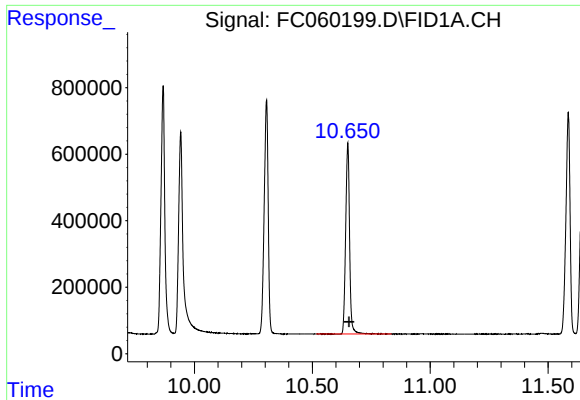
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.006 min
Response: 7960990
Conc: 56.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.305 min
Delta R.T.: -0.003 min
Response: 8361895
Conc: 58.43 ug/ml



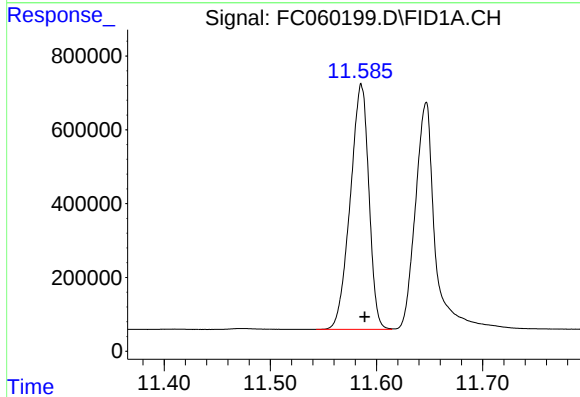
#9 ortho-Terphenyl (SURR)

R.T.: 10.650 min
Delta R.T.: -0.006 min
Response: 6664398
Conc: 42.82 ug/ml

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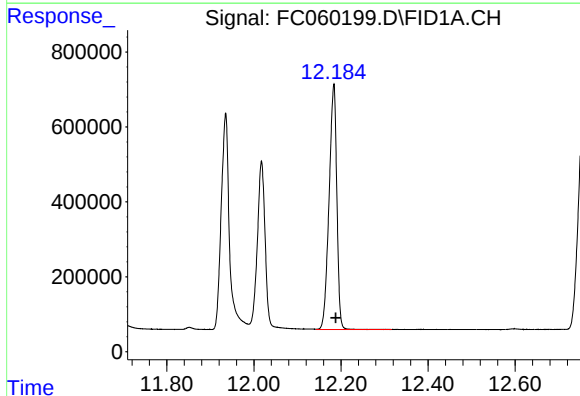
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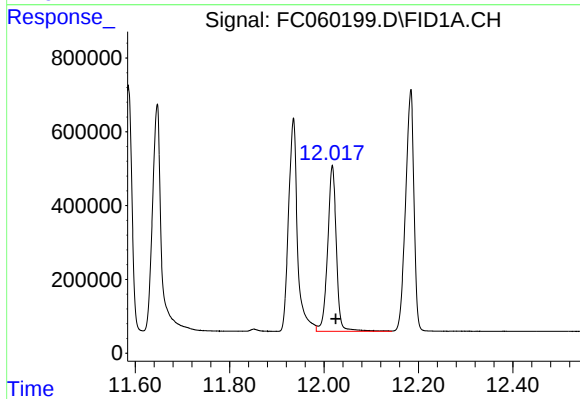
#10 n-Eicosane (C20)

R.T.: 11.585 min
Delta R.T.: -0.004 min
Response: 8100282
Conc: 56.78 ug/ml



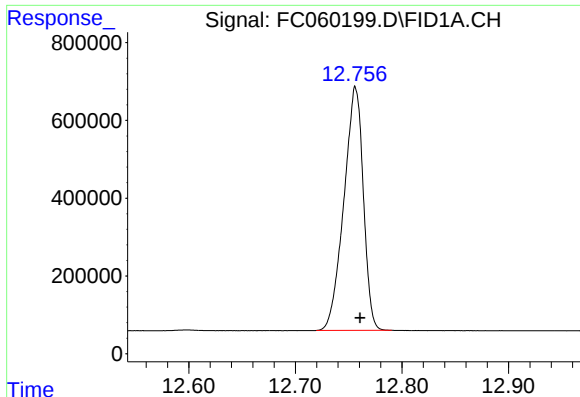
#11 n-Heneicosane (C21)

R.T.: 12.182 min
Delta R.T.: -0.006 min
Response: 8068684
Conc: 56.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.017 min
Delta R.T.: -0.008 min
Response: 5775916
Conc: 46.58 ug/ml



#13 n-Docosane (C22)

R.T.: 12.756 min
Delta R.T.: -0.005 min
Response: 7937913
Conc: 55.71 ug/ml

Instrument :

FID_C

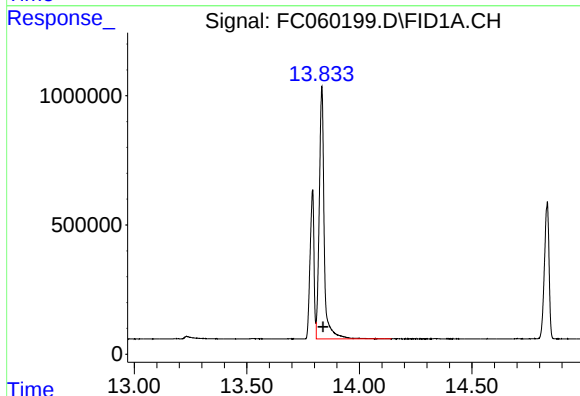
ClientSampleId :

PB145454BSD

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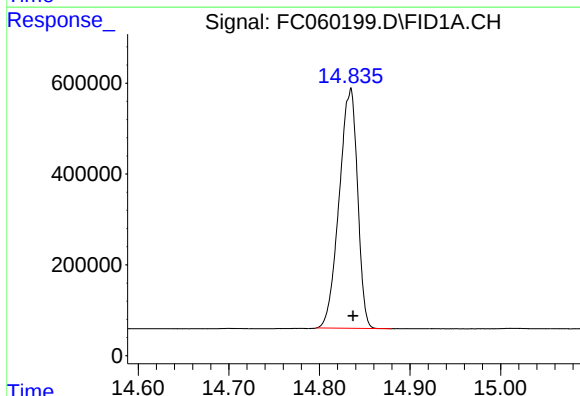
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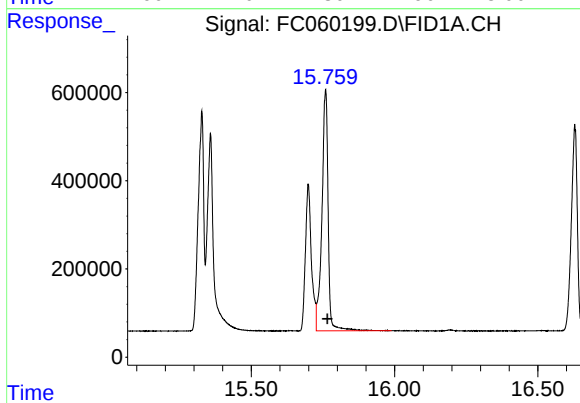
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.007 min
Response: 14838655
Conc: 105.74 ug/ml



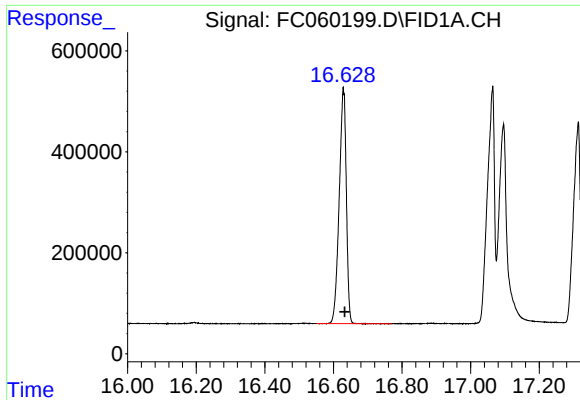
#15 n-Hexacosane (C26)

R.T.: 14.833 min
Delta R.T.: -0.004 min
Response: 7421226
Conc: 54.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.758 min
Delta R.T.: -0.008 min
Response: 8287413
Conc: 63.63 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.628 min
Delta R.T.: -0.005 min
Response: 6696382
Conc: 54.70 ug/ml

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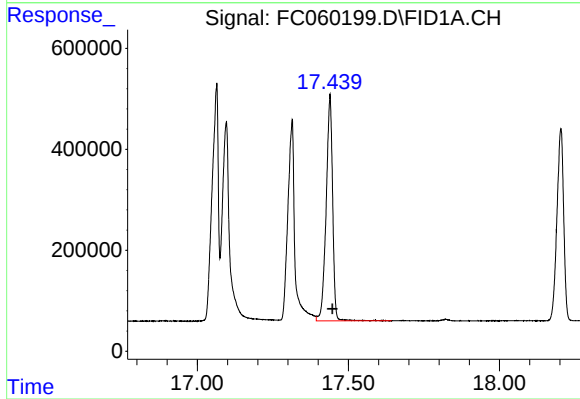
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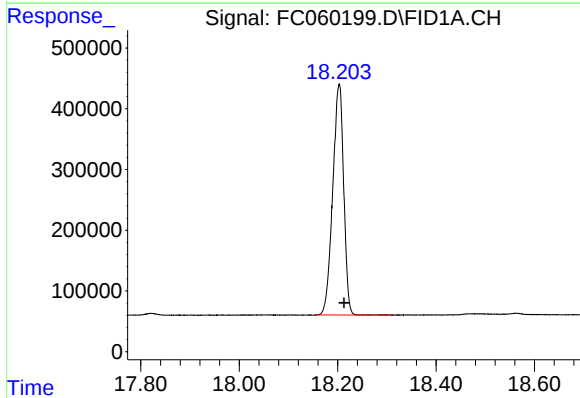
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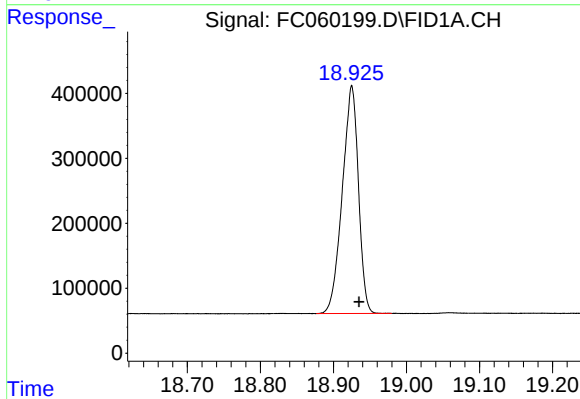
#18 n-Dotriacontane (C32)

R.T.: 17.438 min
Delta R.T.: -0.009 min
Response: 6678183
Conc: 59.90 ug/ml



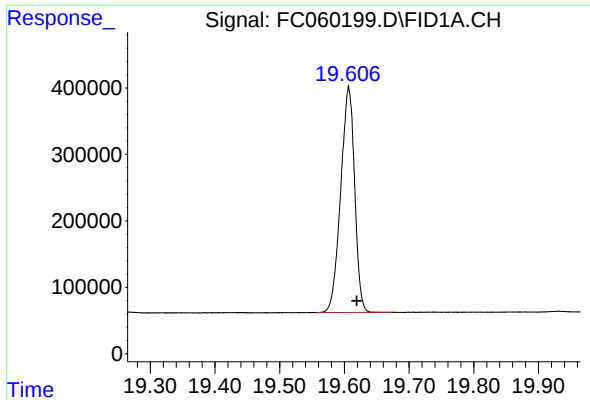
#19 n-Tetratriacontane (C34)

R.T.: 18.202 min
Delta R.T.: -0.011 min
Response: 5883991
Conc: 57.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.924 min
Delta R.T.: -0.011 min
Response: 5387259
Conc: 56.89 ug/ml



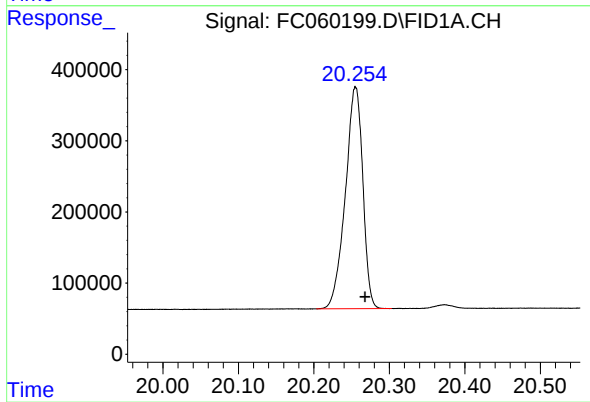
#21 n-Octatriacontane (C38)

R.T.: 19.606 min
Delta R.T.: -0.013 min
Response: 5080314
Conc: 55.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.255 min
Delta R.T.: -0.013 min
Response: 5007837
Conc: 53.23 ug/ml