

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
 Data File : FC060198.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2022 19:58
 Operator : UA/NP
 Sample : PB145454BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145454BS

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 23:06:54 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	6644751	42.698 ug/ml
Spiked Amount 50.000		Recovery =	85.40%
12) S 1-chlorooctadecane (S...	12.017	5749402	46.370 ug/ml
Spiked Amount 50.000		Recovery =	92.74%
Target Compounds			
1) T n-Nonane (C9)	2.645	6494069	50.740 ug/ml
2) T n-Decane (C10)	3.634	6704989	52.411 ug/ml
3) T A~Naphthalene (C11.7)	5.162	8436235	58.366 ug/ml
4) T n-Dodecane (C12)	5.579	7536818	56.538 ug/ml
5) T A~2-methylnaphthalene...	6.186	8441958	57.519 ug/ml
6) T n-Tetradecane (C14)	7.332	7737560	56.679 ug/ml
7) T n-Hexadecane (C16)	8.895	7905246	56.342 ug/ml
8) T n-Octadecane (C18)	10.304	8331479	58.218 ug/ml
10) T n-Eicosane (C20)	11.585	8073936	56.592 ug/ml
11) T n-Heneicosane (C21)	12.182	8038995	56.084 ug/ml
13) T n-Docosane (C22)	12.755	7930226	55.651 ug/mlm
14) T n-Tetracosane (C24)	13.832	14698530	104.742 ug/ml
15) T n-Hexacosane (C26)	14.832	7364258	54.383 ug/ml
16) T n-Octacosane (C28)	15.757	8239290	63.265 ug/ml
17) T n-Tricontane (C30)	16.628	6589103	53.821 ug/ml
18) T n-Dotriacontane (C32)	17.436	6529631	58.564 ug/ml
19) T n-Tetratriacontane (C34)	18.201	5767394	56.546 ug/ml
20) T n-Hexatriacontane (C36)	18.922	5319026	56.168 ug/ml
21) T n-Octatriacontane (C38)	19.605	5015107	54.357 ug/ml
22) T n-Tetracontane (C40)	20.254	4953072	52.644 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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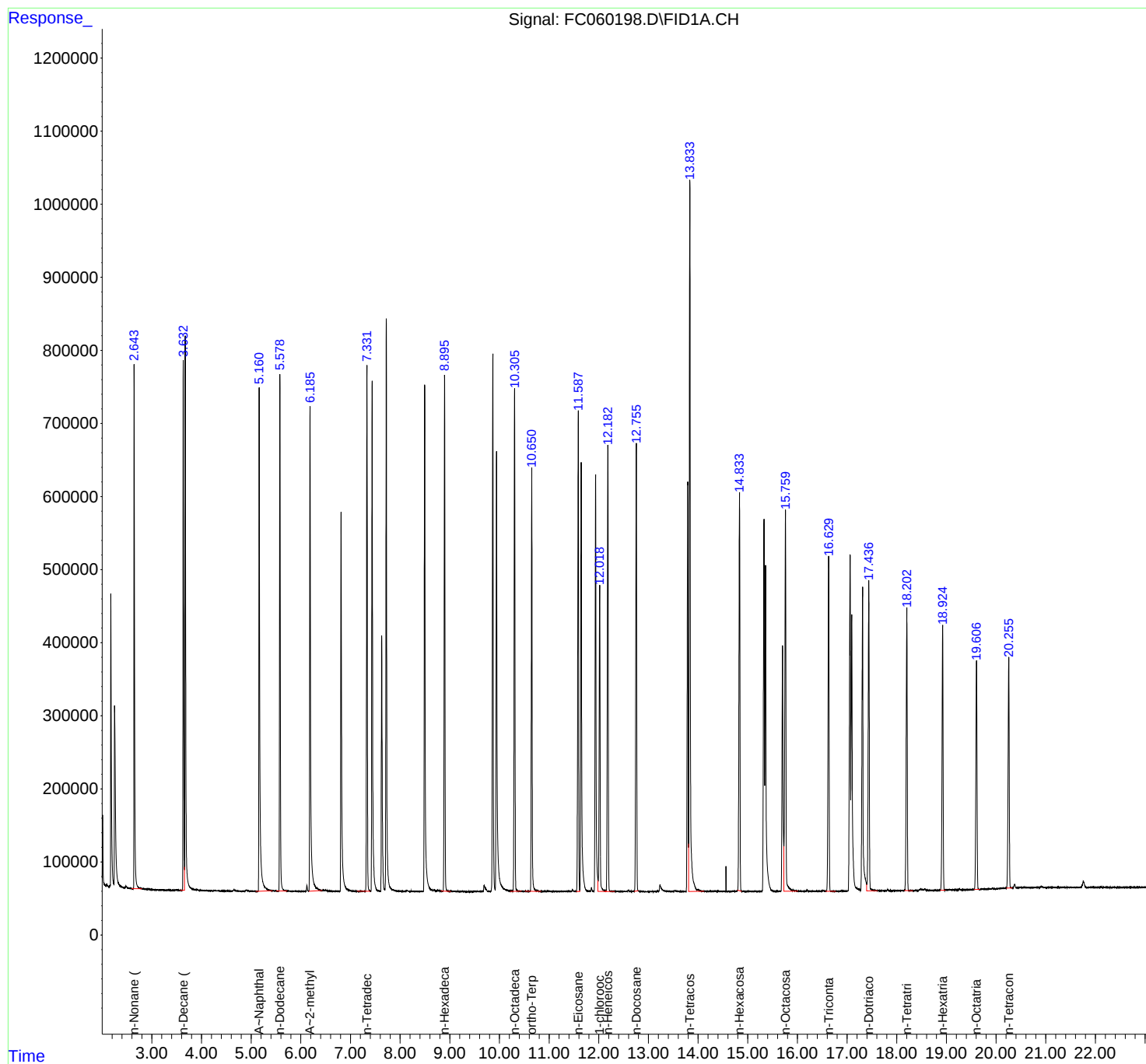
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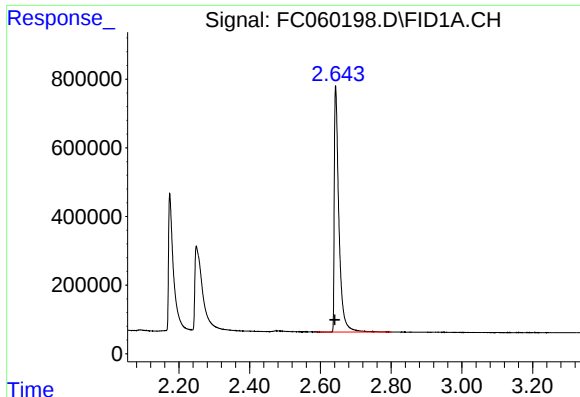
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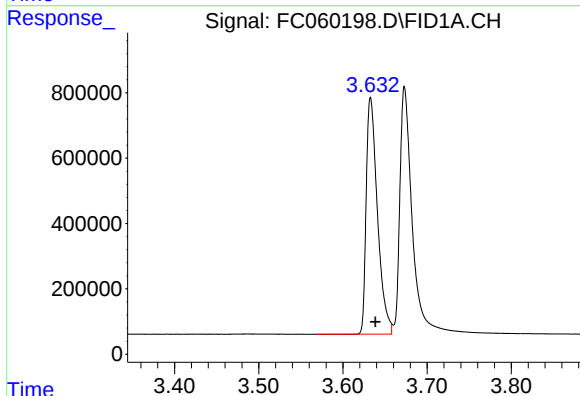
#1 n-Nonane (C9)

R.T.: 2.645 min
Delta R.T.: 0.004 min
Response: 6494069
Conc: 50.74 ug/ml

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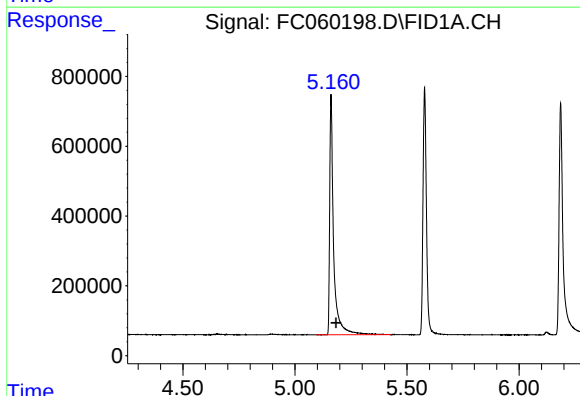
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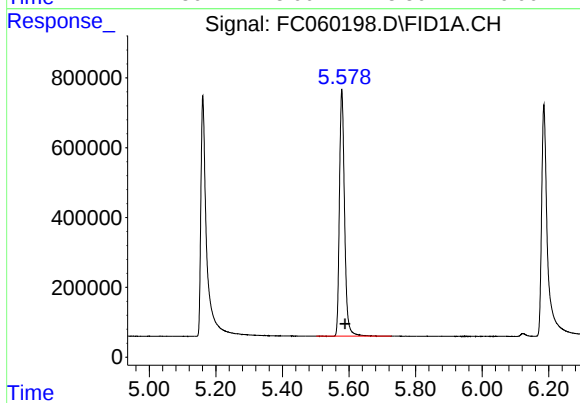
#2 n-Decane (C10)

R.T.: 3.634 min
Delta R.T.: -0.005 min
Response: 6704989
Conc: 52.41 ug/ml



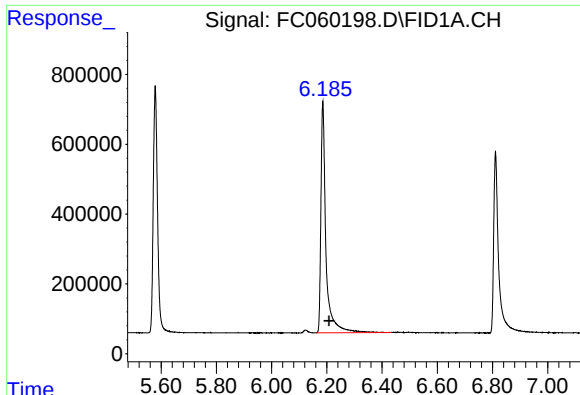
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.021 min
Response: 8436235
Conc: 58.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 7536818
Conc: 56.54 ug/ml



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

R.T.: 6.186 min
Delta R.T.: -0.022 min
Response: 8441958
Conc: 57.52 ug/ml

Instrument :

FID_C

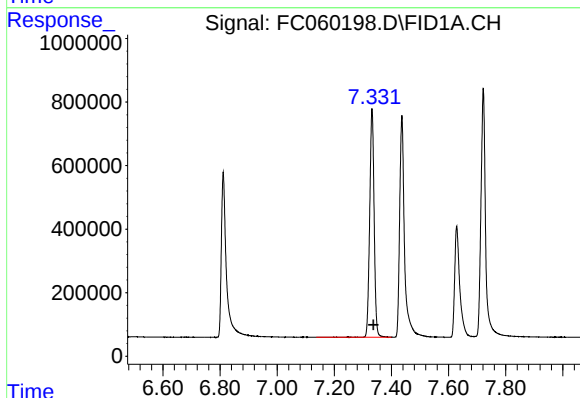
ClientSampleId :

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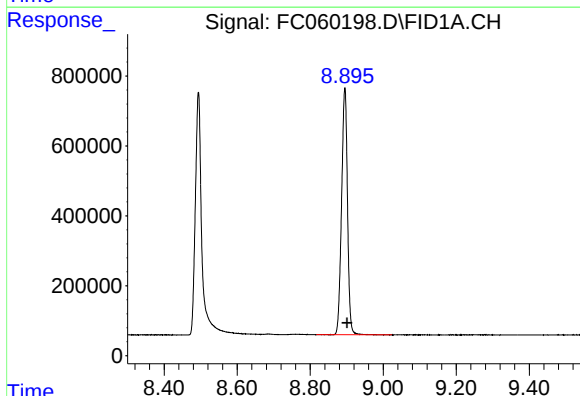
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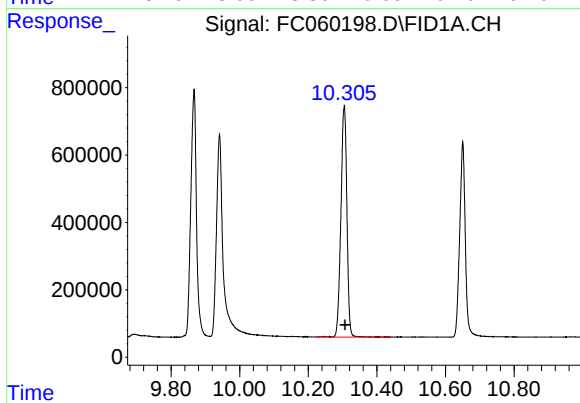
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 7737560
Conc: 56.68 ug/ml



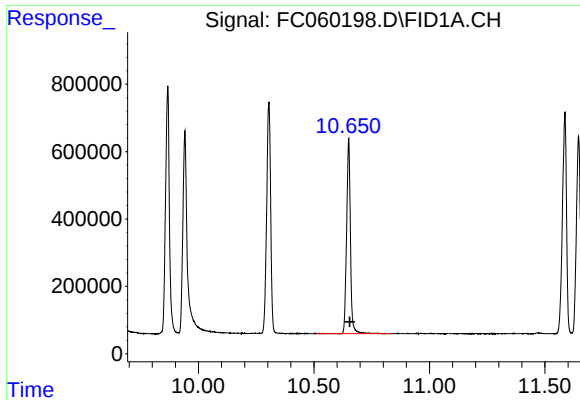
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.007 min
Response: 7905246
Conc: 56.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 8331479
Conc: 58.22 ug/ml



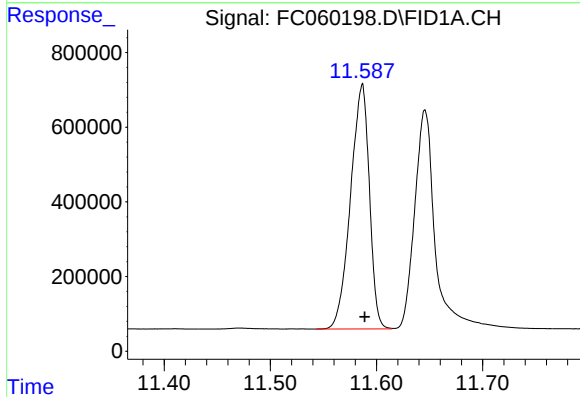
#9 ortho-Terphenyl (SURR)

R.T.: 10.650 min
Delta R.T.: -0.006 min
Response: 6644751
Conc: 42.70 ug/ml

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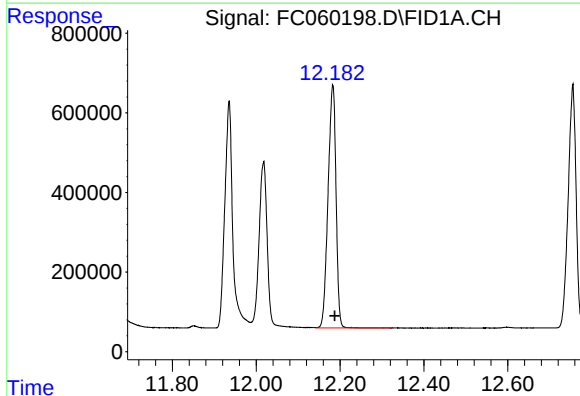
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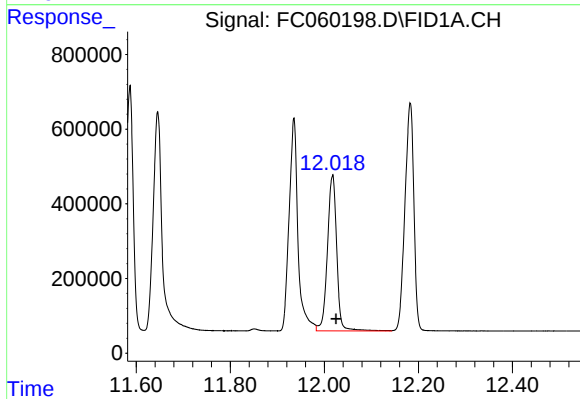
#10 n-Eicosane (C20)

R.T.: 11.585 min
Delta R.T.: -0.004 min
Response: 8073936
Conc: 56.59 ug/ml



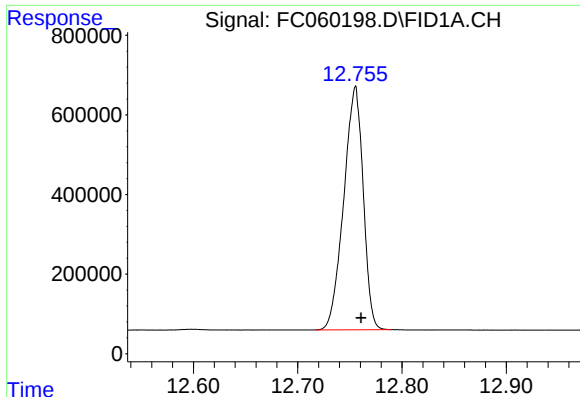
#11 n-Heneicosane (C21)

R.T.: 12.182 min
Delta R.T.: -0.006 min
Response: 8038995
Conc: 56.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.017 min
Delta R.T.: -0.008 min
Response: 5749402
Conc: 46.37 ug/ml



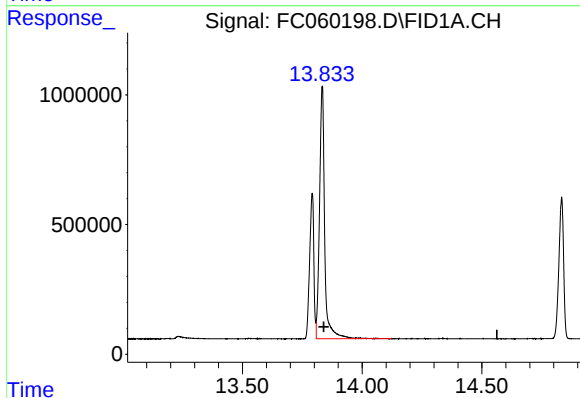
#13 n-Docosane (C22)

R.T.: 12.755 min
Delta R.T.: -0.005 min
Response: 7930226
Conc: 55.65 ug/ml

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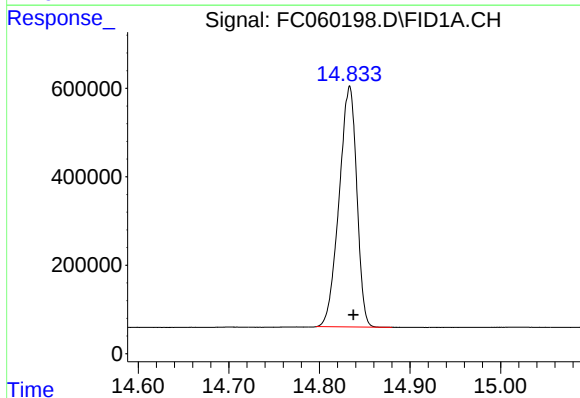
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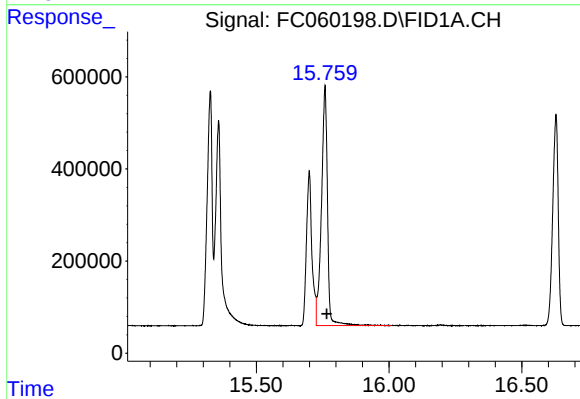
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.007 min
Response: 14698530
Conc: 104.74 ug/ml



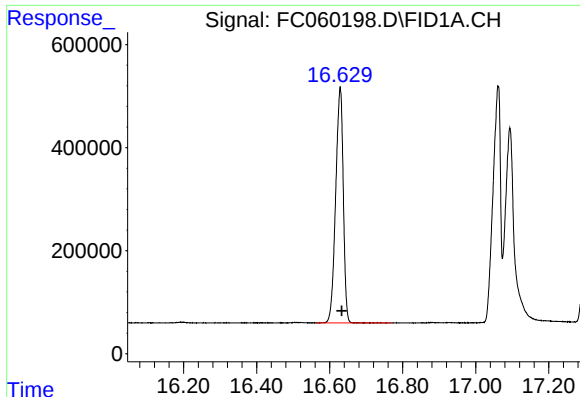
#15 n-Hexacosane (C26)

R.T.: 14.832 min
Delta R.T.: -0.005 min
Response: 7364258
Conc: 54.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.757 min
Delta R.T.: -0.008 min
Response: 8239290
Conc: 63.26 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.628 min
Delta R.T.: -0.005 min
Response: 6589103
Conc: 53.82 ug/ml

Instrument :

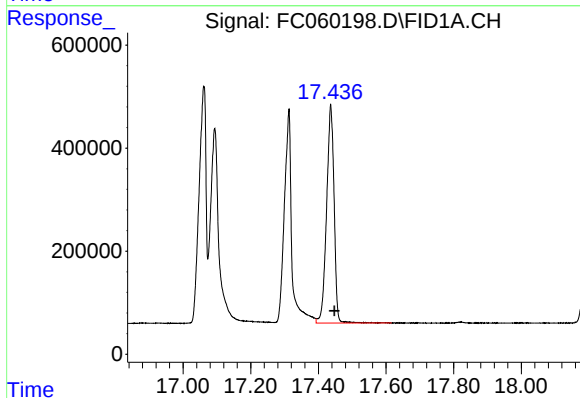
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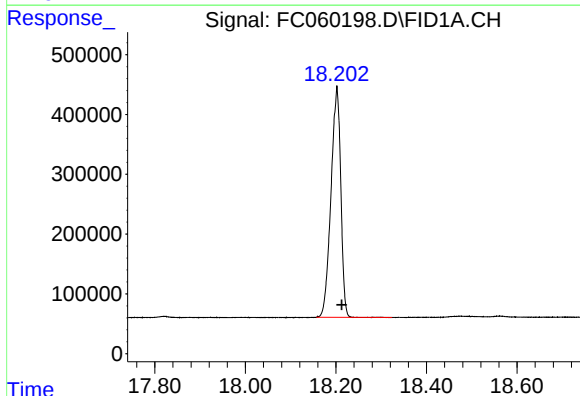
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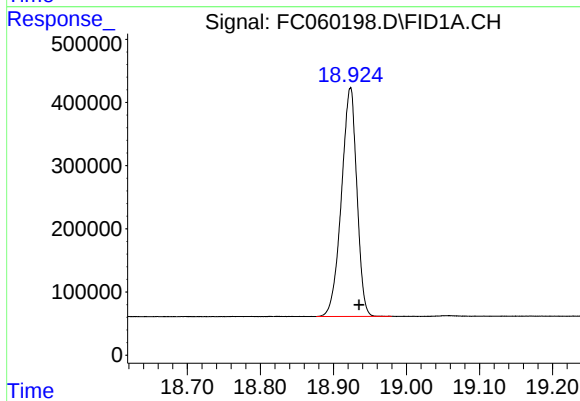
#18 n-Dotriacontane (C32)

R.T.: 17.436 min
Delta R.T.: -0.011 min
Response: 6529631
Conc: 58.56 ug/ml



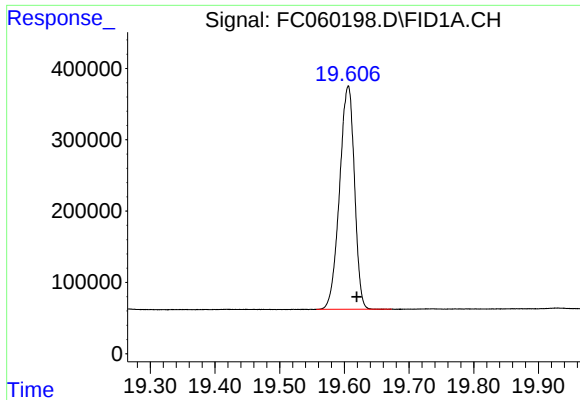
#19 n-Tetratriacontane (C34)

R.T.: 18.201 min
Delta R.T.: -0.012 min
Response: 5767394
Conc: 56.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.922 min
Delta R.T.: -0.013 min
Response: 5319026
Conc: 56.17 ug/ml



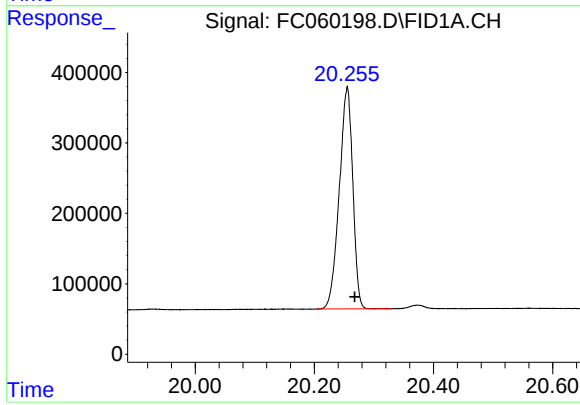
#21 n-Octatriacontane (C38)

R.T.: 19.605 min
Delta R.T.: -0.014 min
Response: 5015107
Conc: 54.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.254 min
Delta R.T.: -0.014 min
Response: 4953072
Conc: 52.64 ug/ml