

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060622AL\
 Data File : FC060112.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jun 2022 2:57
 Operator : UA/NP
 Sample : N3205-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 HR-02-060322MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: autoint1.e
 Quant Time: Jun 07 06:15:26 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)	10.649	2236462	14.371 ug/ml
Spiked Amount 50.000		Recovery =	28.74%
12) S 1-chlorooctadecane (S...	12.016	1983916	16.001 ug/ml
Spiked Amount 50.000		Recovery =	32.00%
Target Compounds			
1) T n-Nonane (C9)	2.630	4565788	35.674 ug/ml
2) T n-Decane (C10)	3.627	5052432	39.493 ug/ml
3) T A~Naphthalene (C11.7)	5.160	6513098	45.061 ug/ml
4) T n-Dodecane (C12)	5.578	6066511	45.508 ug/ml
5) T A~2-methylnaphthalene...	6.186	6842626	46.622 ug/ml
6) T n-Tetradecane (C14)	7.333	6463525	47.347 ug/ml
7) T n-Hexadecane (C16)	8.895	6938442	49.451 ug/ml
8) T n-Octadecane (C18)	10.304	7596589	53.083 ug/ml
10) T n-Eicosane (C20)	11.585	7444847	52.182 ug/ml
11) T n-Heneicosane (C21)	12.183	7432671	51.854 ug/ml
13) T n-Docosane (C22)	12.756	7341936	51.523 ug/mlm
14) T n-Tetracosane (C24)	13.833	13285952	94.676 ug/mlm
15) T n-Hexacosane (C26)	14.833	6893421	50.906 ug/mlm
16) T n-Octacosane (C28)	15.758	7070161	54.287 ug/mlm
17) T n-Tricontane (C30)	16.628	6159592	50.313 ug/mlm
18) T n-Dotriacontane (C32)	17.437	5964854	53.499 ug/ml
19) T n-Tetratriacontane (C34)	18.201	5363479	52.586 ug/ml
20) T n-Hexatriacontane (C36)	18.924	4881843	51.551 ug/mlm
21) T n-Octatriacontane (C38)	19.605	4579245	49.633 ug/mlm
22) T n-Tetracontane (C40)	20.253	4518639	48.027 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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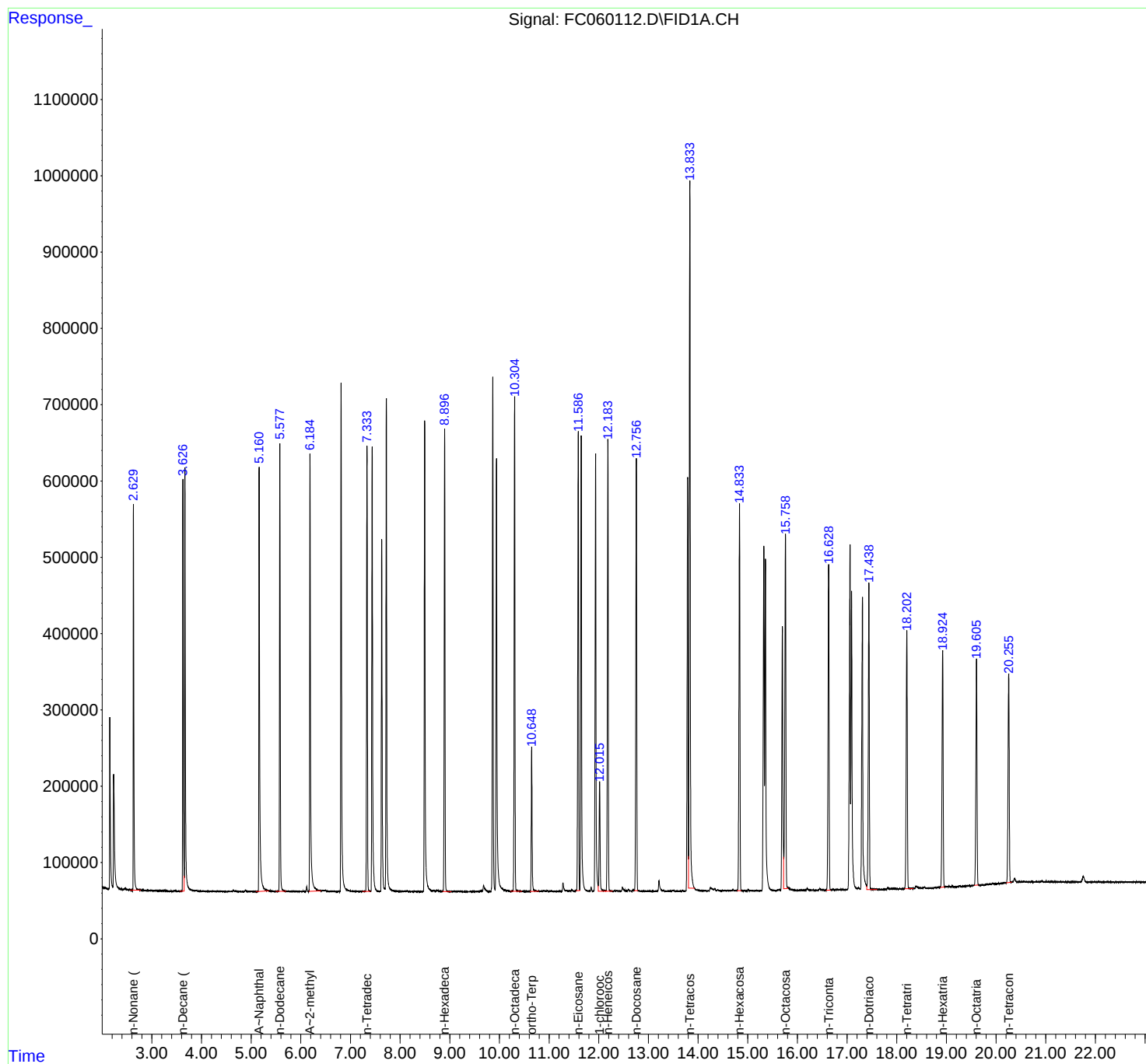
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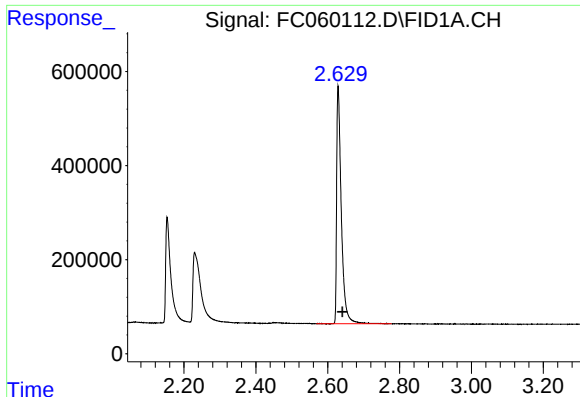
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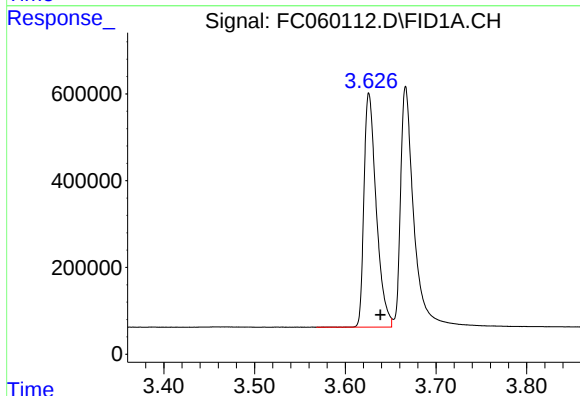
#1 n-Nonane (C9)

R.T.: 2.630 min
Delta R.T.: -0.011 min
Response: 4565788
Conc: 35.67 ug/ml

Instrument :
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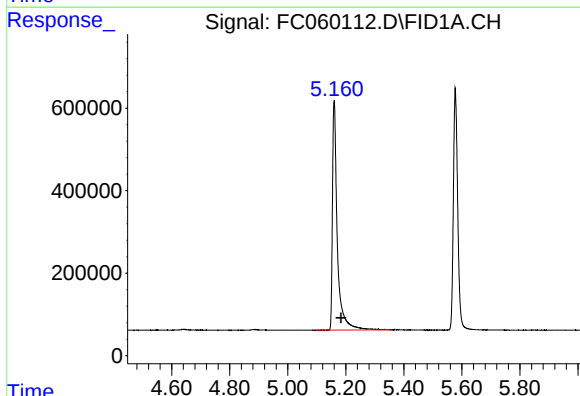
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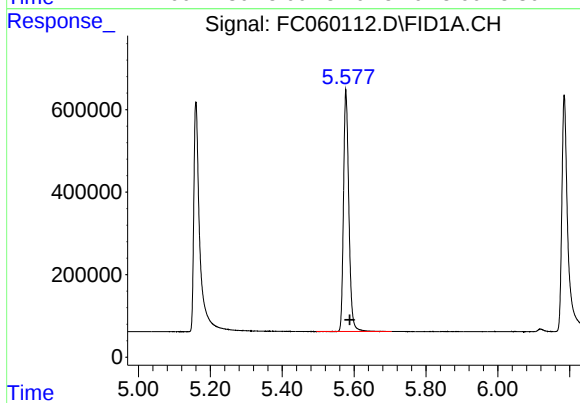
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: -0.012 min
Response: 5052432
Conc: 39.49 ug/ml



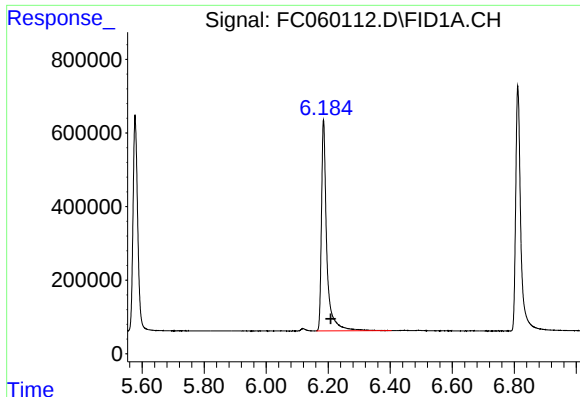
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.023 min
Response: 6513098
Conc: 45.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.578 min
Delta R.T.: -0.010 min
Response: 6066511
Conc: 45.51 ug/ml



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

R.T.: 6.186 min
Delta R.T.: -0.023 min
Response: 6842626
Conc: 46.62 ug/ml

Instrument :

FID_C

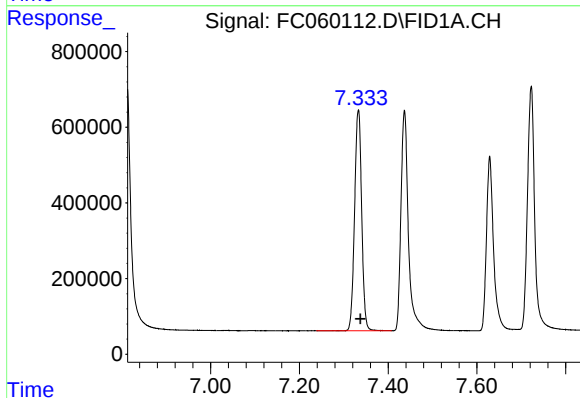
ClientSampleId :

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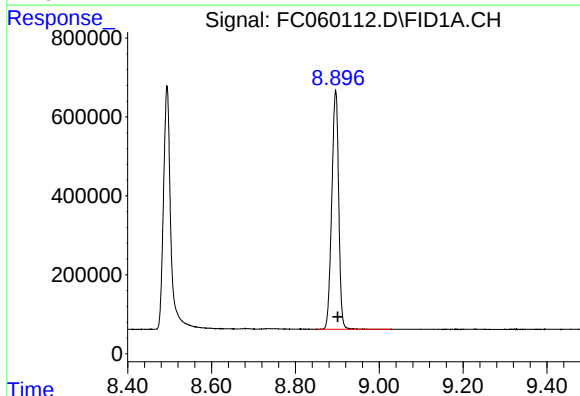
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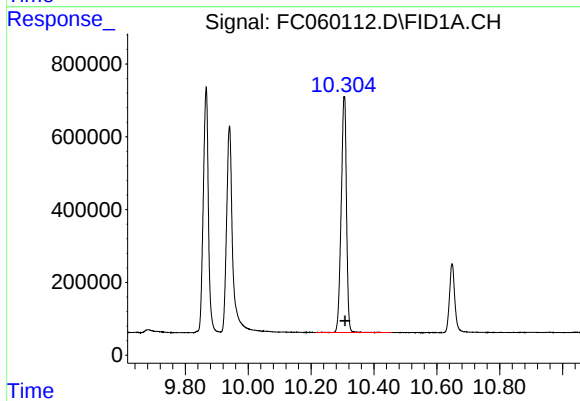
#6 n-Tetradecane (C14)

R.T.: 7.333 min
Delta R.T.: -0.005 min
Response: 6463525
Conc: 47.35 ug/ml



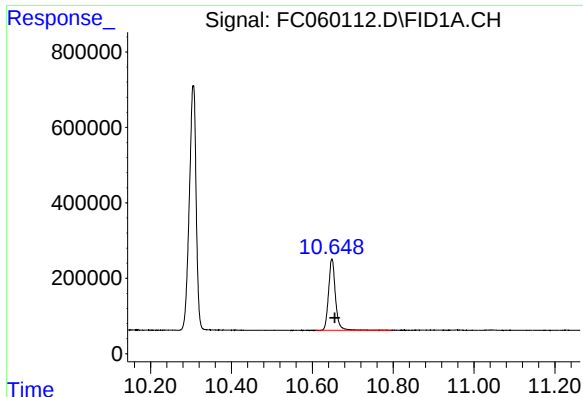
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.006 min
Response: 6938442
Conc: 49.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 7596589
Conc: 53.08 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.649 min
Delta R.T.: -0.007 min
Response: 2236462
Conc: 14.37 ug/ml

Instrument :

FID_C

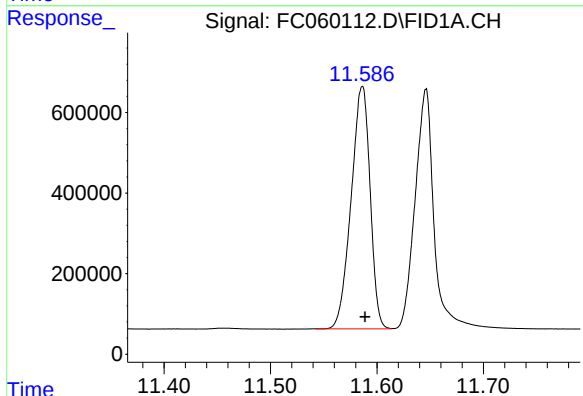
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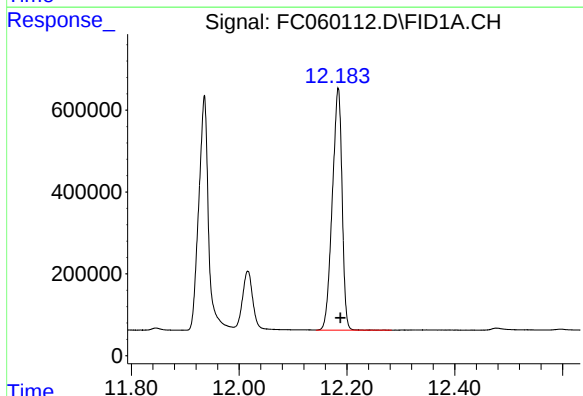
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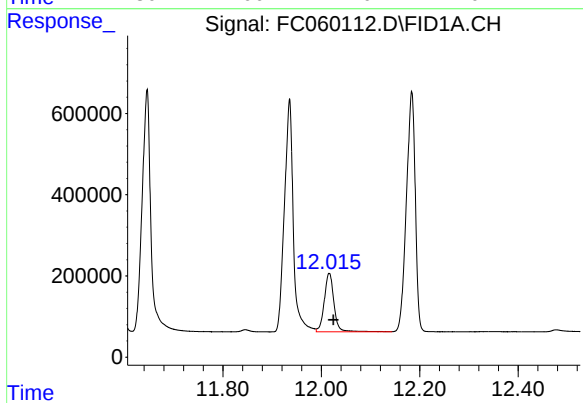
#10 n-Eicosane (C20)

R.T.: 11.585 min
Delta R.T.: -0.004 min
Response: 7444847
Conc: 52.18 ug/ml



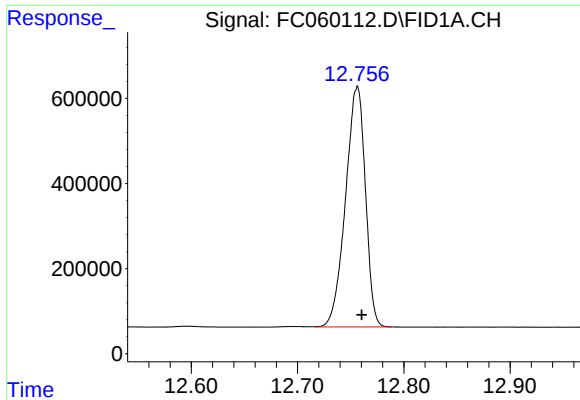
#11 n-Heneicosane (C21)

R.T.: 12.183 min
Delta R.T.: -0.005 min
Response: 7432671
Conc: 51.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.009 min
Response: 1983916
Conc: 16.00 ug/ml



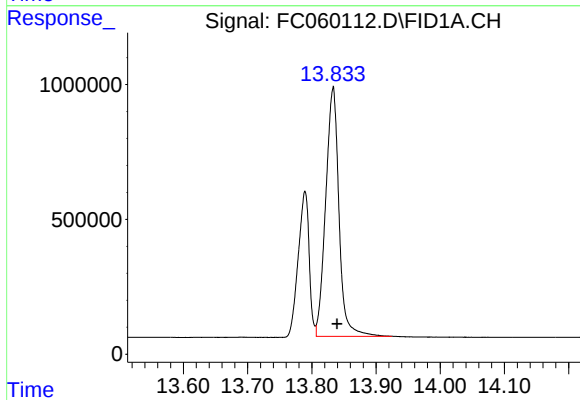
#13 n-Docosane (C22)

R.T.: 12.756 min
Delta R.T.: -0.004 min
Response: 7341936
Conc: 51.52 ug/ml

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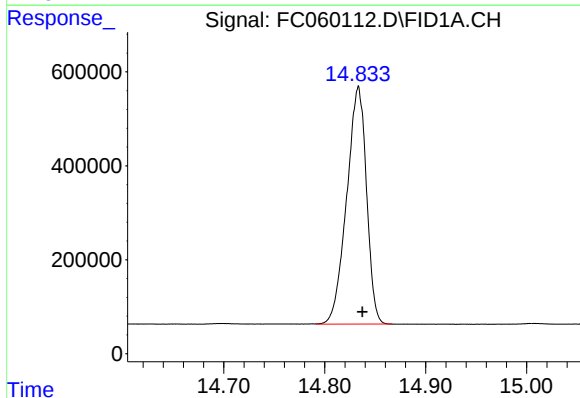
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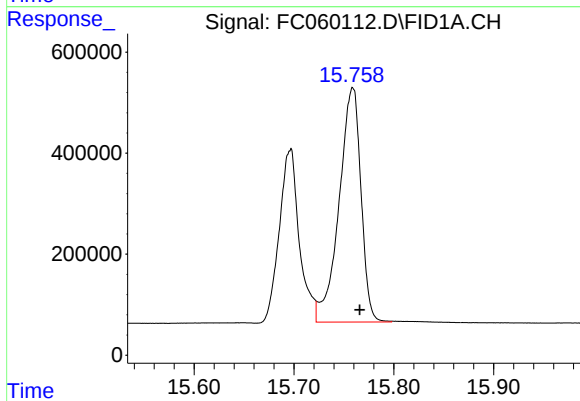
#14 n-Tetracosane (C24)

R.T.: 13.833 min
Delta R.T.: -0.006 min
Response: 13285952
Conc: 94.68 ug/ml m



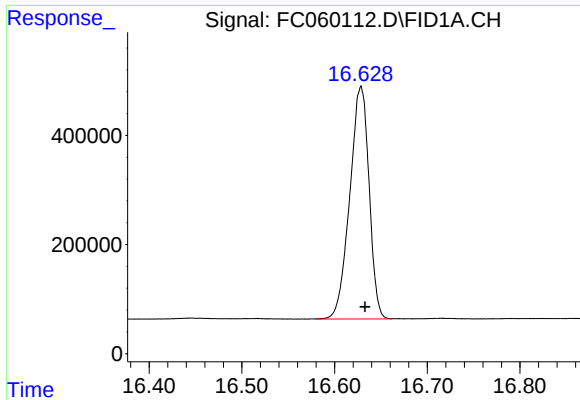
#15 n-Hexacosane (C26)

R.T.: 14.833 min
Delta R.T.: -0.004 min
Response: 6893421
Conc: 50.91 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.758 min
Delta R.T.: -0.008 min
Response: 7070161
Conc: 54.29 ug/ml m



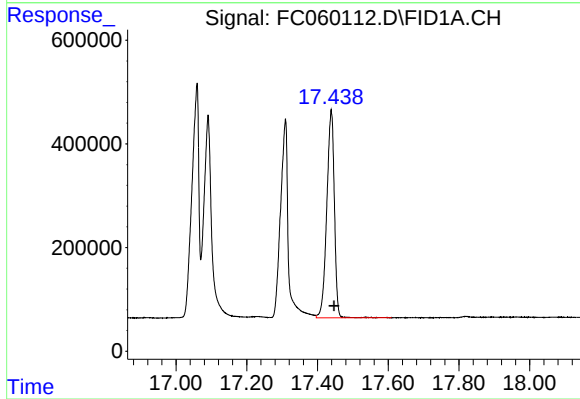
#17 n-Tricontane (C30)

R.T.: 16.628 min
Delta R.T.: -0.005 min
Response: 6159592
Conc: 50.31 ug/ml

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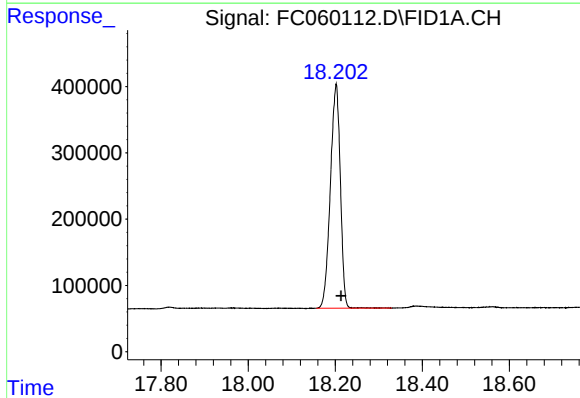
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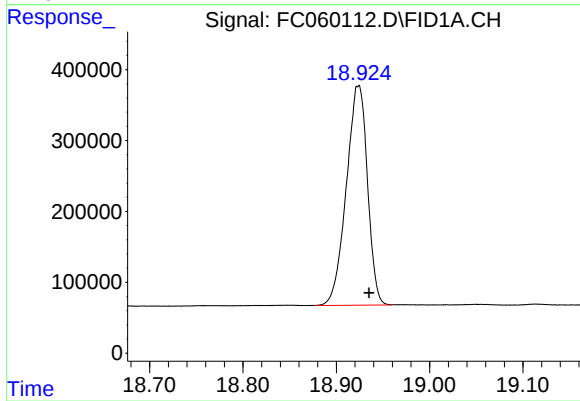
#18 n-Dotriacontane (C32)

R.T.: 17.437 min
Delta R.T.: -0.010 min
Response: 5964854
Conc: 53.50 ug/ml



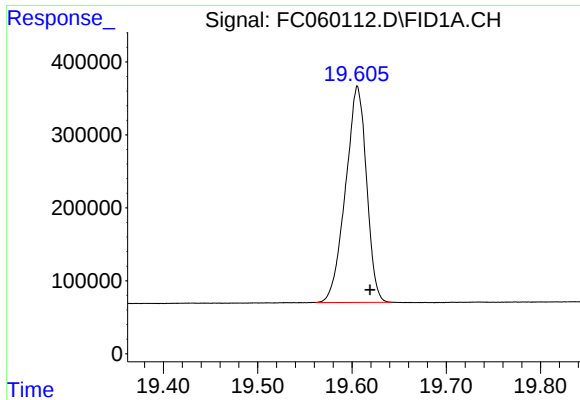
#19 n-Tetratriacontane (C34)

R.T.: 18.201 min
Delta R.T.: -0.013 min
Response: 5363479
Conc: 52.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.924 min
Delta R.T.: -0.011 min
Response: 4881843
Conc: 51.55 ug/ml m



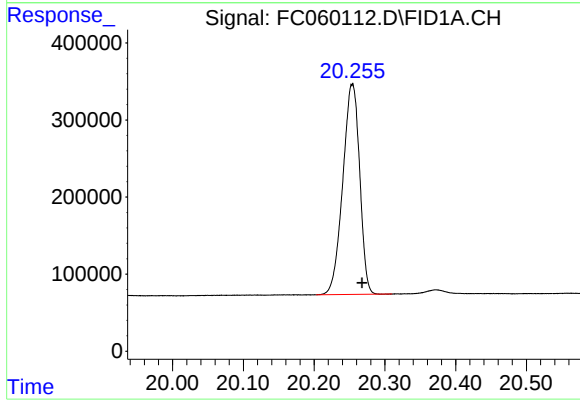
#21 n-Octatriacontane (C38)

R.T.: 19.605 min
Delta R.T.: -0.014 min
Response: 4579245
Conc: 49.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.253 min
Delta R.T.: -0.015 min
Response: 4518639
Conc: 48.03 ug/ml