

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051322AL\
 Data File : FC059756.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2022 20:08
 Operator : UA/NP
 Sample : PB144795BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144795BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2022
 Supervised By :mohammad ahmed 05/16/2022

Integration File: sample.E
 Quant Time: May 13 23:56:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.652	6406678	43.629 ug/ml
Spiked Amount 50.000		Recovery =	87.26%
12) S 1-chlorooctadecane (S...	12.020	5155372	44.798 ug/ml
Spiked Amount 50.000		Recovery =	89.60%
Target Compounds			
1) T n-Nonane (C9)	2.645	5335488	41.781 ug/ml
2) T n-Decane (C10)	3.637	5791992	45.734 ug/ml
3) T A~Naphthalene (C11.7)	5.165	7253556	49.262 ug/ml
4) T n-Dodecane (C12)	5.584	6505396	49.467 ug/ml
5) T A~2-methylnaphthalene...	6.188	7389059	49.156 ug/ml
6) T n-Tetradecane (C14)	7.338	6773361	50.338 ug/ml
7) T n-Hexadecane (C16)	8.899	6926530	50.480 ug/ml
8) T n-Octadecane (C18)	10.309	7200707	52.252 ug/ml
10) T n-Eicosane (C20)	11.589	6836211	50.828 ug/mlm
11) T n-Heneicosane (C21)	12.185	6670930	50.006 ug/ml
13) T n-Docosane (C22)	12.758	6518816	49.671 ug/ml
14) T n-Tetracosane (C24)	13.829	12184973	96.843 ug/ml
15) T n-Hexacosane (C26)	14.836	5936628	49.708 ug/ml
16) T n-Octacosane (C28)	15.761	5718893	50.234 ug/ml
17) T n-Tricontane (C30)	16.631	5377823	48.923 ug/ml
18) T n-Dotriacontane (C32)	17.442	5325540	51.513 ug/mlm
19) T n-Tetratriacontane (C34)	18.205	4847837	49.655 ug/mlm
20) T n-Hexatriacontane (C36)	18.927	4589739	49.440 ug/mlm
21) T n-Octatriacontane (C38)	19.609	4435238	46.592 ug/mlm
22) T n-Tetracontane (C40)	20.259	4331431	45.756 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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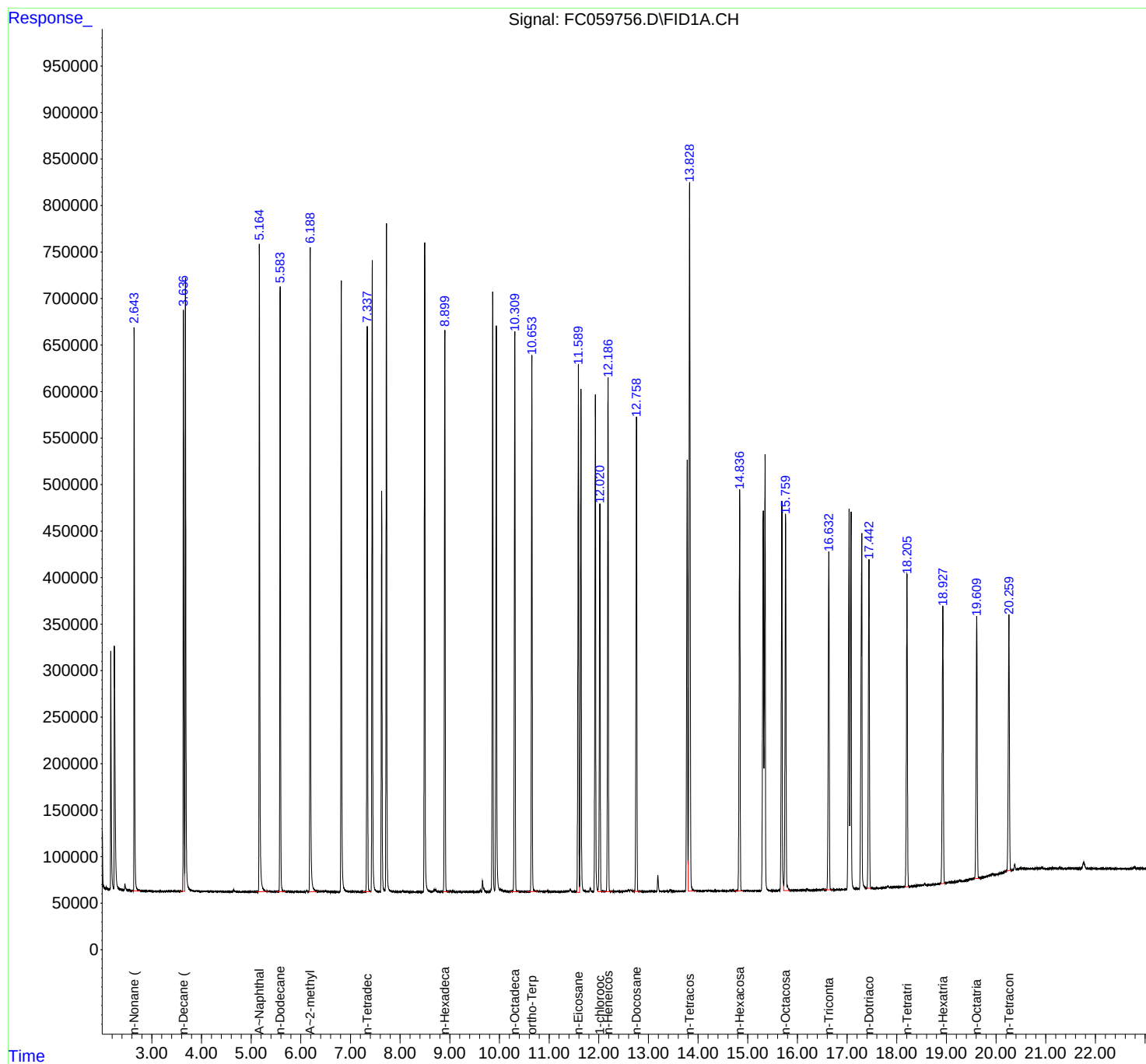
Instrument :
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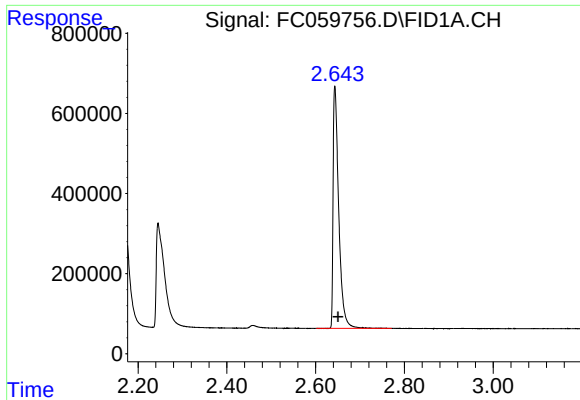
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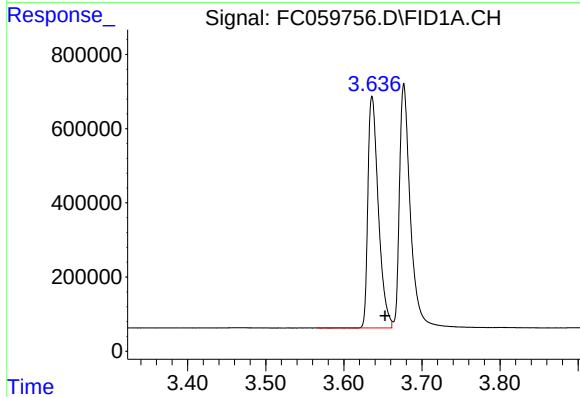
#1 n-Nonane (C9)

R.T.: 2.645 min
Delta R.T.: -0.006 min
Response: 5335488
Conc: 41.78 ug/ml

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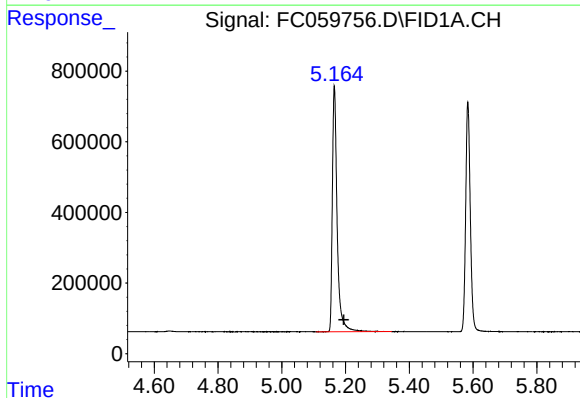
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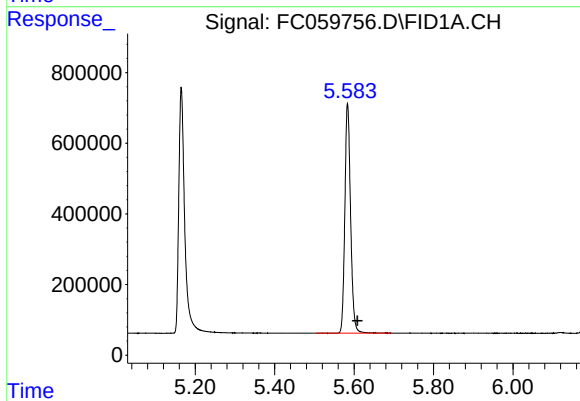
#2 n-Decane (C10)

R.T.: 3.637 min
Delta R.T.: -0.016 min
Response: 5791992
Conc: 45.73 ug/ml



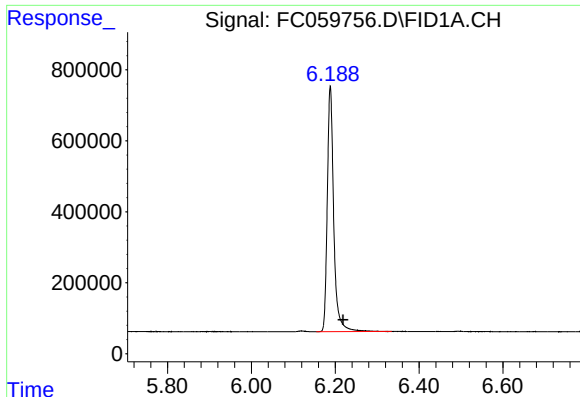
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.029 min
Response: 7253556
Conc: 49.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.584 min
Delta R.T.: -0.025 min
Response: 6505396
Conc: 49.47 ug/ml



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

R.T.: 6.188 min
Delta R.T.: -0.031 min
Response: 7389059
Conc: 49.16 ug/ml

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FID_C

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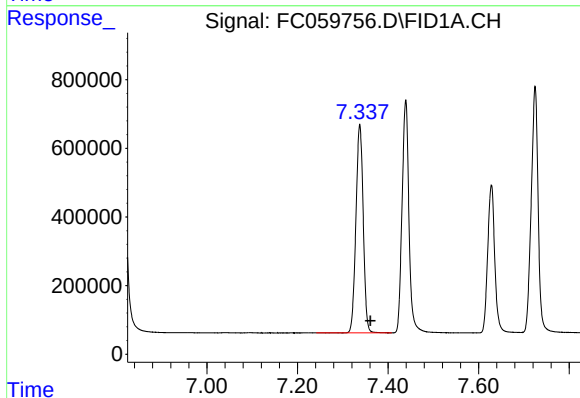
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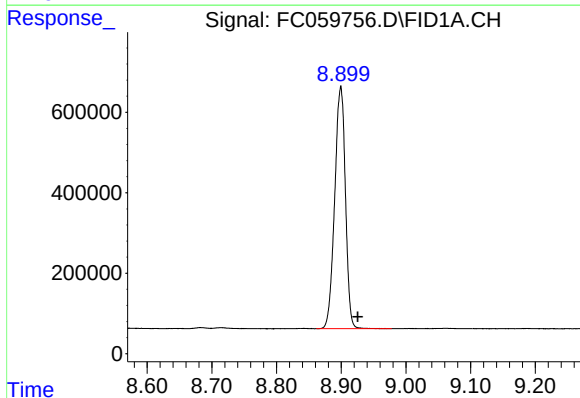
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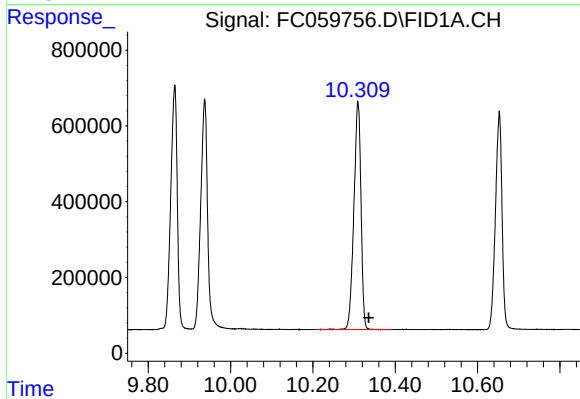
#6 n-Tetradecane (C14)

R.T.: 7.338 min
Delta R.T.: -0.023 min
Response: 6773361
Conc: 50.34 ug/ml



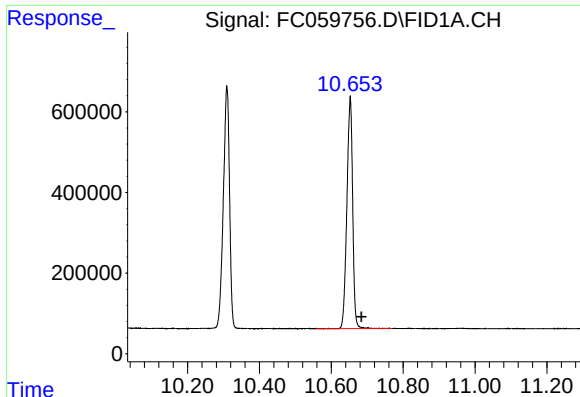
#7 n-Hexadecane (C16)

R.T.: 8.899 min
Delta R.T.: -0.026 min
Response: 6926530
Conc: 50.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.309 min
Delta R.T.: -0.027 min
Response: 7200707
Conc: 52.25 ug/ml



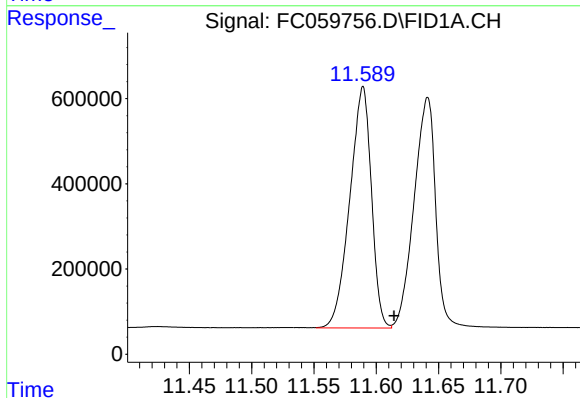
#9 ortho-Terphenyl (SURR)

R.T.: 10.652 min
Delta R.T.: -0.032 min
Response: 6406678
Conc: 43.63 ug/ml

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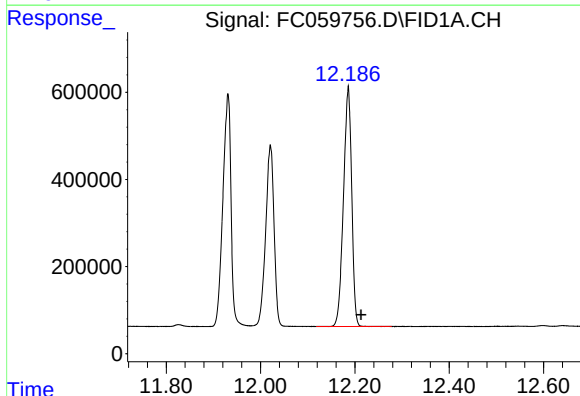
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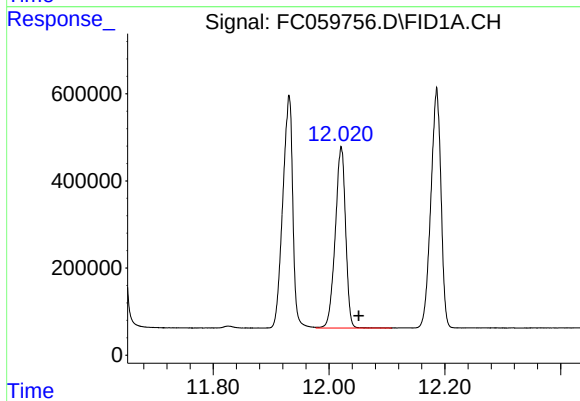
#10 n-Eicosane (C20)

R.T.: 11.589 min
Delta R.T.: -0.025 min
Response: 6836211
Conc: 50.83 ug/ml m



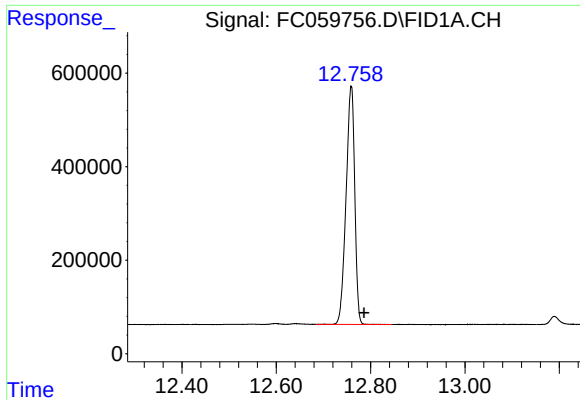
#11 n-Heneicosane (C21)

R.T.: 12.185 min
Delta R.T.: -0.028 min
Response: 6670930
Conc: 50.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.020 min
Delta R.T.: -0.031 min
Response: 5155372
Conc: 44.80 ug/ml



#13 n-Docosane (C22)

R.T.: 12.758 min
Delta R.T.: -0.029 min
Response: 6518816
Conc: 49.67 ug/ml

Instrument :

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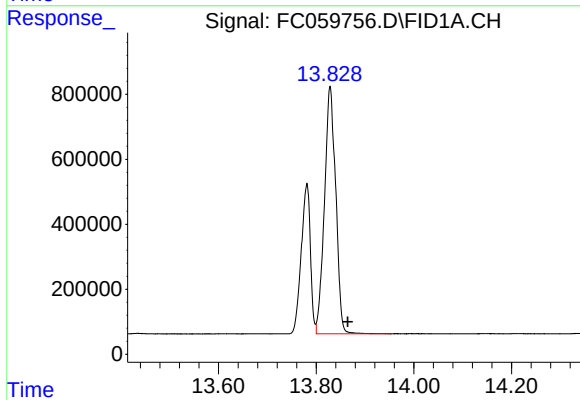
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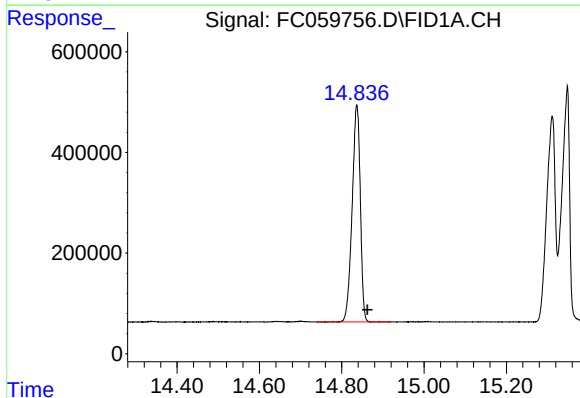
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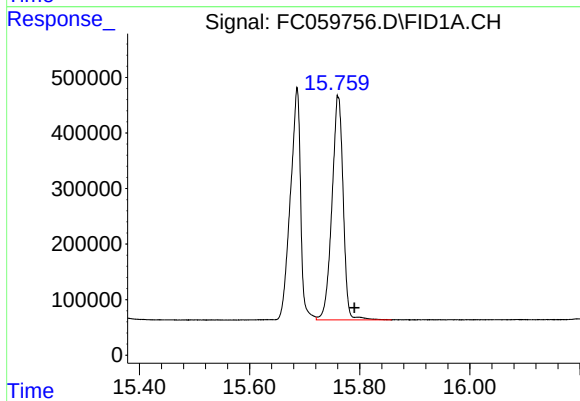
#14 n-Tetracosane (C24)

R.T.: 13.829 min
Delta R.T.: -0.036 min
Response: 12184973
Conc: 96.84 ug/ml



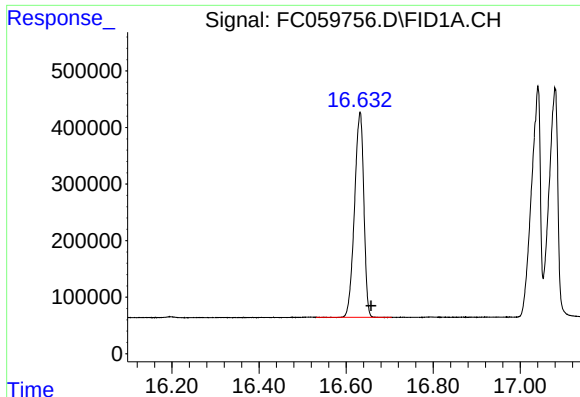
#15 n-Hexacosane (C26)

R.T.: 14.836 min
Delta R.T.: -0.027 min
Response: 5936628
Conc: 49.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.761 min
Delta R.T.: -0.030 min
Response: 5718893
Conc: 50.23 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.631 min
Delta R.T.: -0.026 min
Response: 5377823
Conc: 48.92 ug/ml

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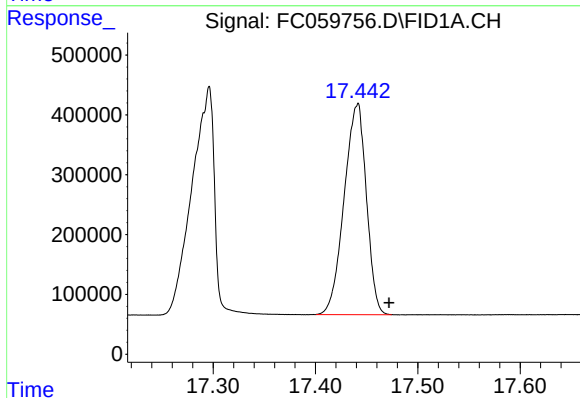
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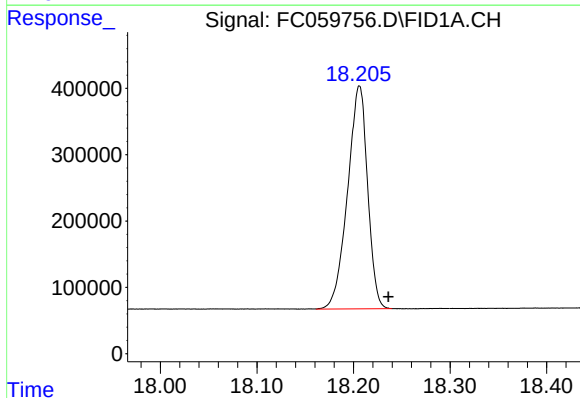
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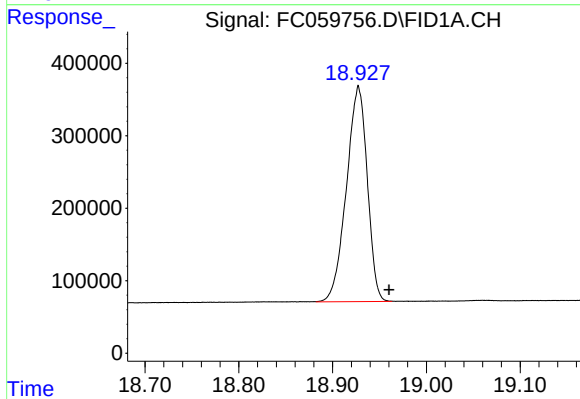
#18 n-Dotriacontane (C32)

R.T.: 17.442 min
Delta R.T.: -0.030 min
Response: 5325540
Conc: 51.51 ug/ml m



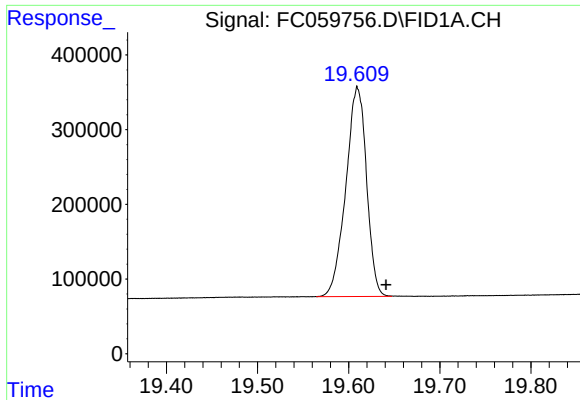
#19 n-Tetratriacontane (C34)

R.T.: 18.205 min
Delta R.T.: -0.031 min
Response: 4847837
Conc: 49.65 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.927 min
Delta R.T.: -0.033 min
Response: 4589739
Conc: 49.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.609 min
Delta R.T.: -0.032 min
Response: 4435238
Conc: 46.59 ug/ml

Instrument :

FID_C

ClientSampleId :

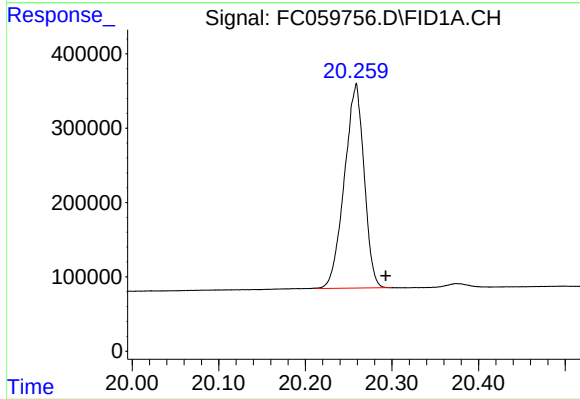
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#22 n-Tetracontane (C40)

R.T.: 20.259 min
Delta R.T.: -0.034 min
Response: 4331431
Conc: 45.76 ug/ml m