

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050622AL\
 Data File : FC059592.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2022 13:29
 Operator : UA/NP
 Sample : PB144605BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB144605BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/09/2022

Supervised By :mohammad ahmed 05/10/2022

Integration File: autoint1.e
 Quant Time: May 09 00:10:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Thu May 05 15:50:37 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)	10.711	7078990	48.207 ug/ml
Spiked Amount 50.000		Recovery =	96.41%
12) S 1-chlorooctadecane (S...	12.077	5715847	49.668 ug/ml
Spiked Amount 50.000		Recovery =	99.34%
Target Compounds			
1) T n-Nonane (C9)	2.677	4972956	38.942 ug/ml
2) T n-Decane (C10)	3.673	5354492	42.279 ug/mlm
3) T A~Naphthalene (C11.7)	5.215	6695118	45.469 ug/ml
4) T n-Dodecane (C12)	5.626	5974237	45.429 ug/ml
5) T A~2-methylnaphthalene...	6.241	6927815	46.087 ug/ml
6) T n-Tetradecane (C14)	7.383	6510337	48.383 ug/ml
7) T n-Hexadecane (C16)	8.948	6846790	49.898 ug/ml
8) T n-Octadecane (C18)	10.360	7201023	52.254 ug/ml
10) T n-Eicosane (C20)	11.641	6876616	51.129 ug/ml
11) T n-Heneicosane (C21)	12.239	6757129	50.652 ug/ml
13) T n-Docosane (C22)	12.812	6608705	50.356 ug/ml
14) T n-Tetracosane (C24)	13.889	12241020	97.289 ug/ml
15) T n-Hexacosane (C26)	14.893	6003750	50.270 ug/ml
16) T n-Octacosane (C28)	15.819	5688094	49.963 ug/mlm
17) T n-Tricontane (C30)	16.690	5372968	48.879 ug/ml
18) T n-Dotriacontane (C32)	17.501	5267743	50.954 ug/ml
19) T n-Tetratriacontane (C34)	18.266	4763763	48.793 ug/ml
20) T n-Hexatriacontane (C36)	18.990	4441761	47.846 ug/ml
21) T n-Octatriacontane (C38)	19.673	4294006	45.108 ug/ml
22) T n-Tetracontane (C40)	20.323	4194127	44.305 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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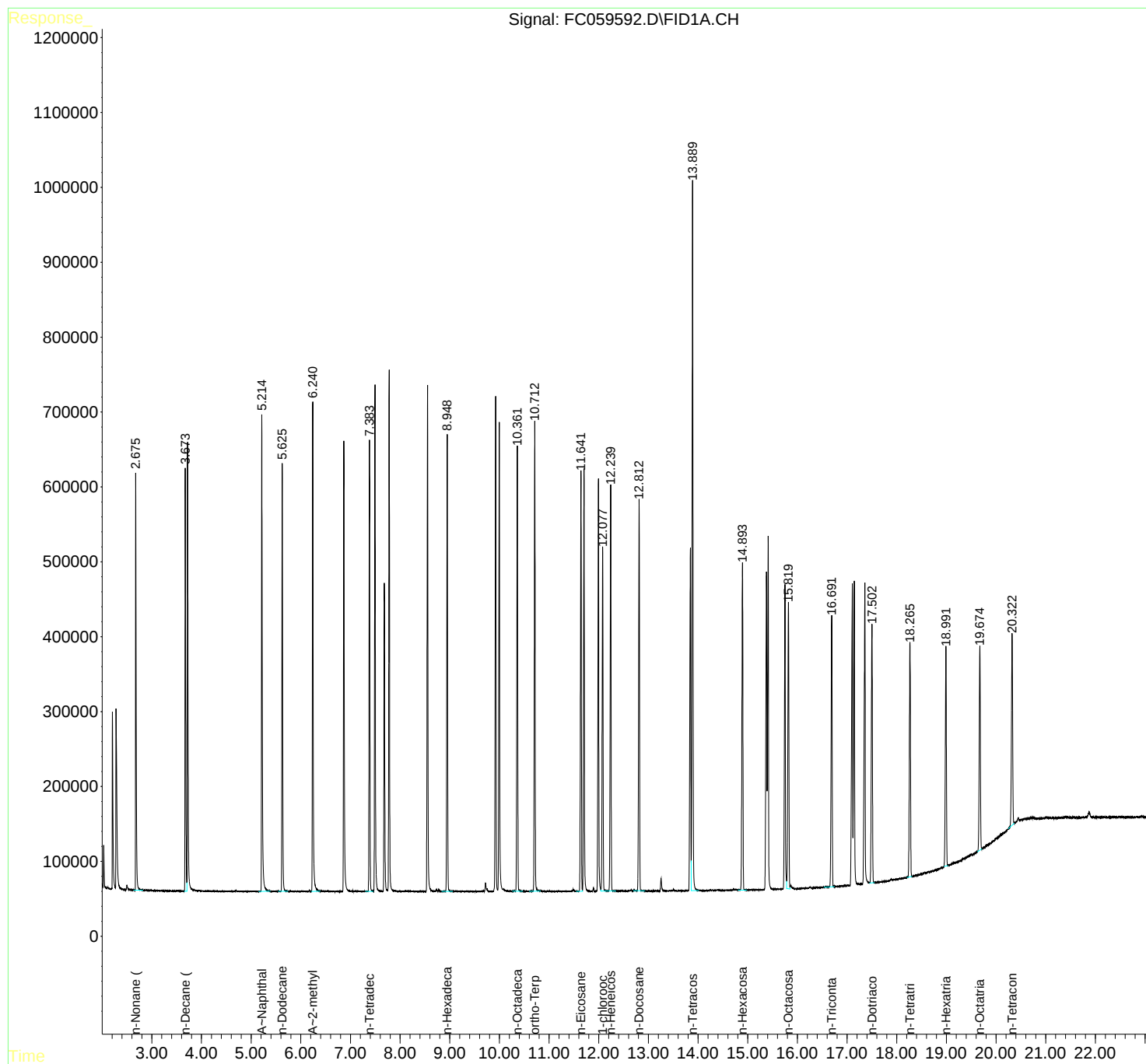
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PB144605BS

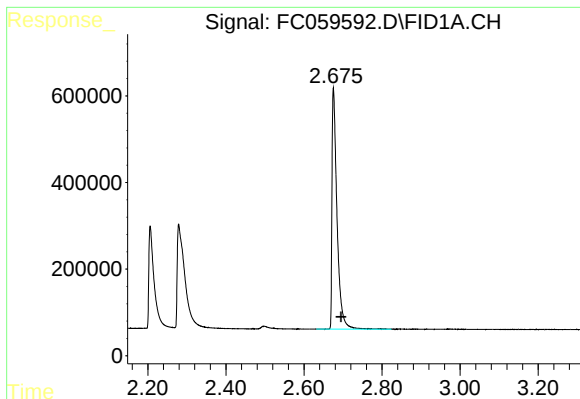
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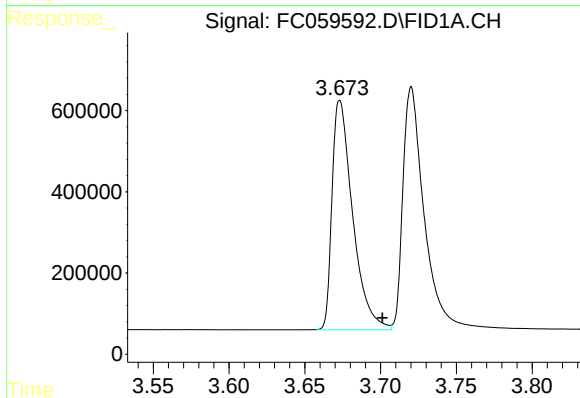
#1 n-Nonane (C9)

R.T.: 2.677 min
Delta R.T.: -0.018 min
Response: 4972956
Conc: 38.94 ug/ml

Instrument :
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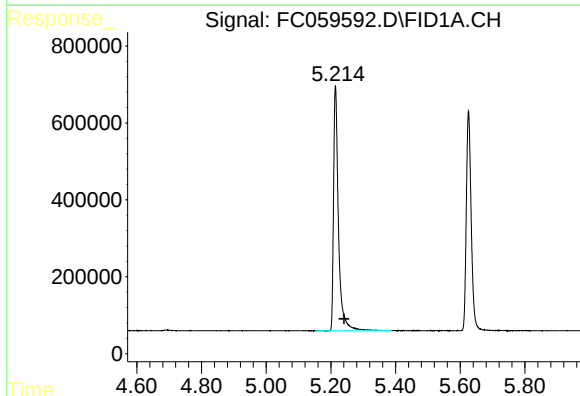
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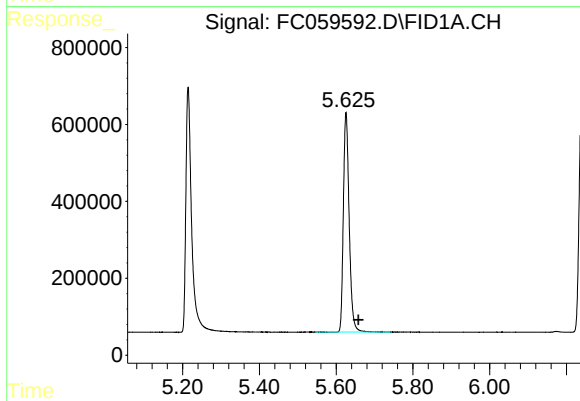
#2 n-Decane (C10)

R.T.: 3.673 min
Delta R.T.: -0.028 min
Response: 5354492
Conc: 42.28 ug/ml m



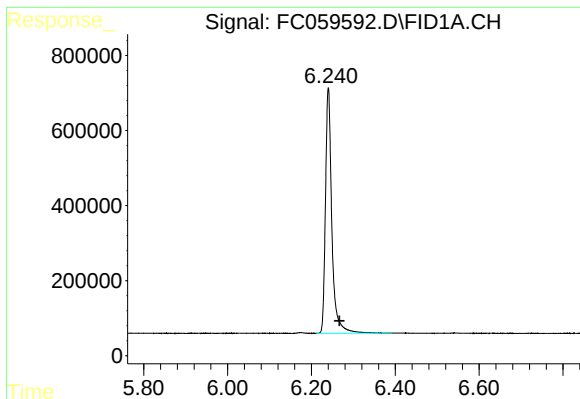
#3 A~Naphthalene (C11.7)

R.T.: 5.215 min
Delta R.T.: -0.026 min
Response: 6695118
Conc: 45.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.626 min
Delta R.T.: -0.031 min
Response: 5974237
Conc: 45.43 ug/ml



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

R.T.: 6.241 min
Delta R.T.: -0.026 min
Response: 6927815
Conc: 46.09 ug/ml

Instrument :

FID_C

ClientSampleId :

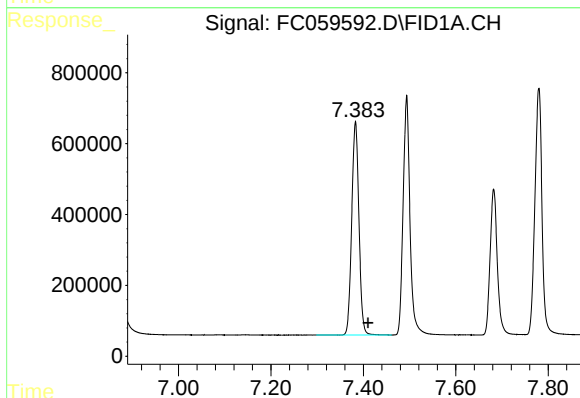
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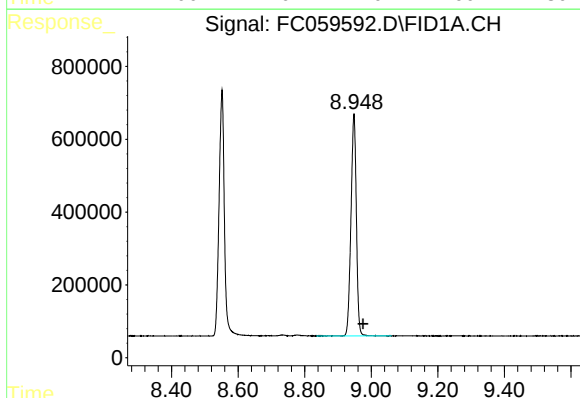
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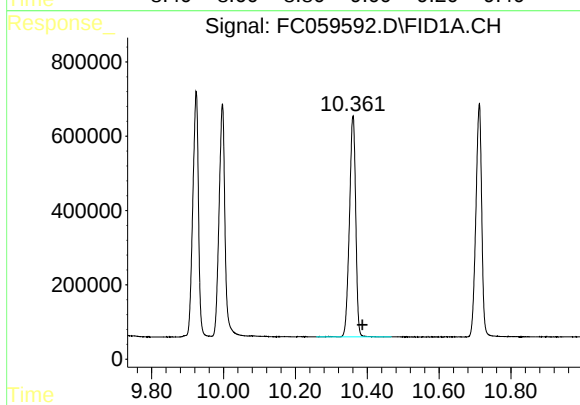
#6 n-Tetradecane (C14)

R.T.: 7.383 min
Delta R.T.: -0.028 min
Response: 6510337
Conc: 48.38 ug/ml



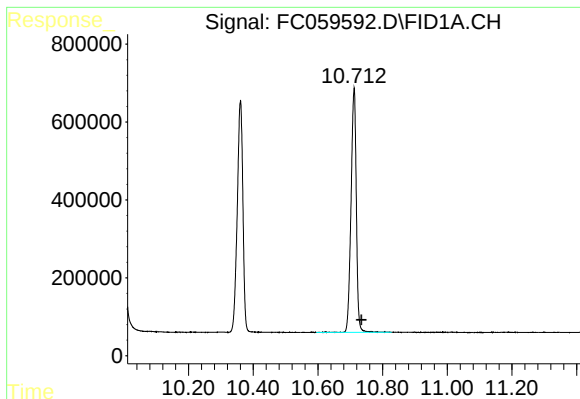
#7 n-Hexadecane (C16)

R.T.: 8.948 min
Delta R.T.: -0.028 min
Response: 6846790
Conc: 49.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.360 min
Delta R.T.: -0.027 min
Response: 7201023
Conc: 52.25 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.711 min
Delta R.T.: -0.024 min
Response: 7078990
Conc: 48.21 ug/ml

Instrument :

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ClientSampleId :

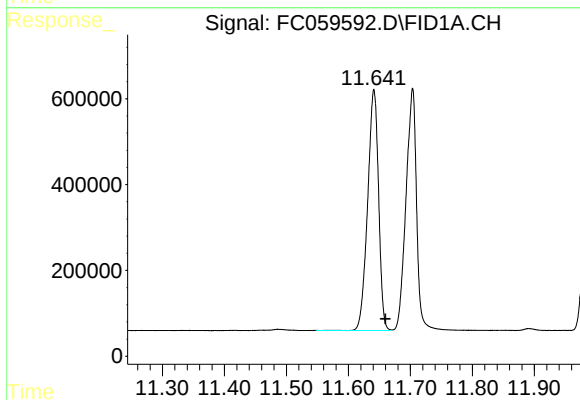
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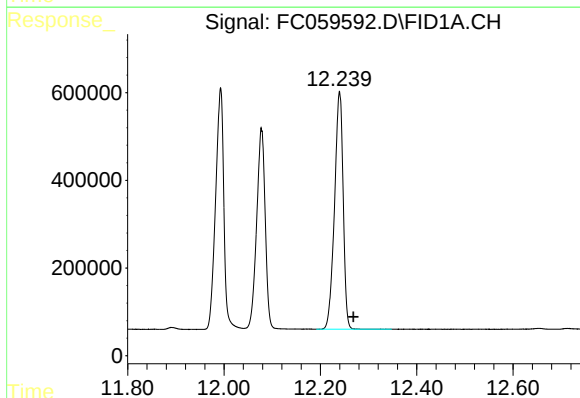
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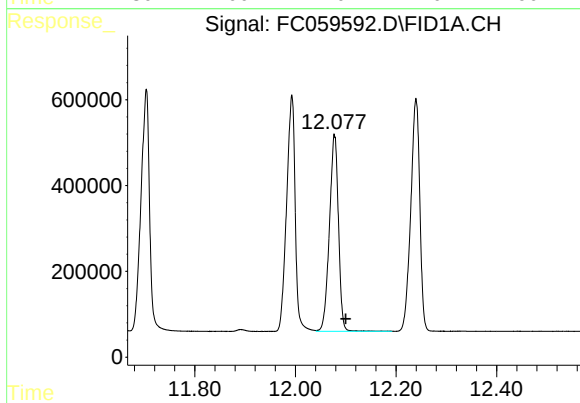
#10 n-Eicosane (C20)

R.T.: 11.641 min
Delta R.T.: -0.019 min
Response: 6876616
Conc: 51.13 ug/ml



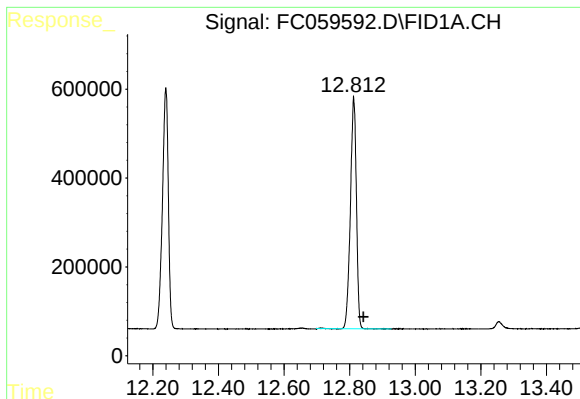
#11 n-Heneicosane (C21)

R.T.: 12.239 min
Delta R.T.: -0.030 min
Response: 6757129
Conc: 50.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.077 min
Delta R.T.: -0.023 min
Response: 5715847
Conc: 49.67 ug/ml



#13 n-Docosane (C22)

R.T.: 12.812 min
Delta R.T.: -0.030 min
Response: 6608705
Conc: 50.36 ug/ml

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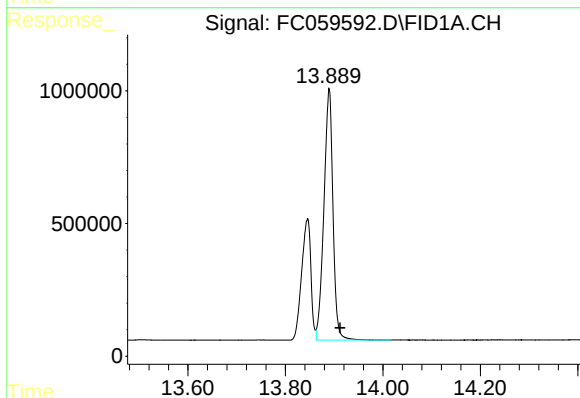
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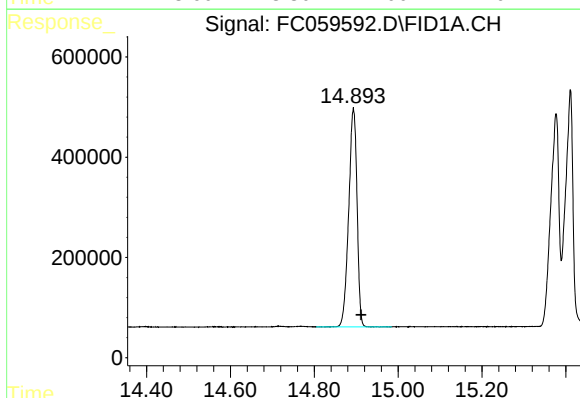
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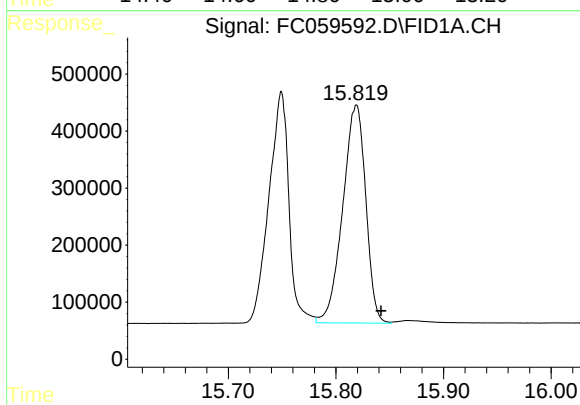
#14 n-Tetracosane (C24)

R.T.: 13.889 min
Delta R.T.: -0.023 min
Response: 12241020
Conc: 97.29 ug/ml



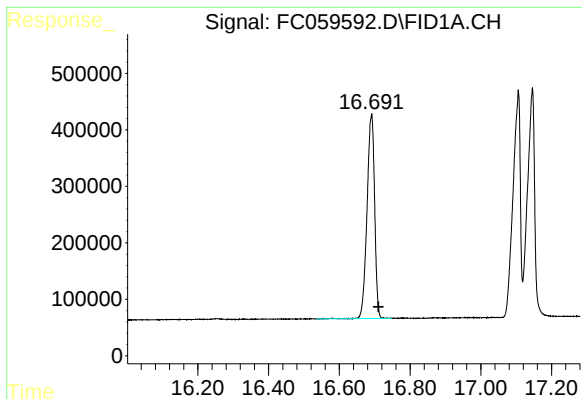
#15 n-Hexacosane (C26)

R.T.: 14.893 min
Delta R.T.: -0.019 min
Response: 6003750
Conc: 50.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.819 min
Delta R.T.: -0.024 min
Response: 5688094
Conc: 49.96 ug/ml m



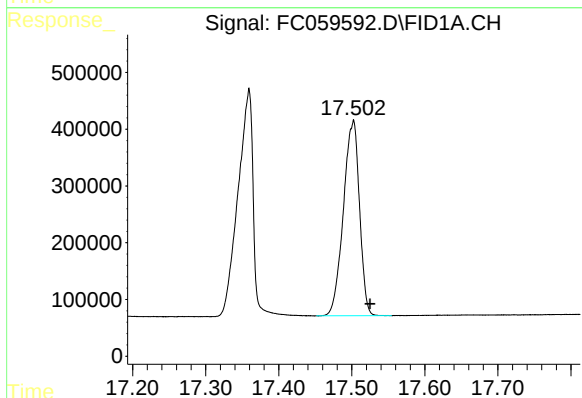
#17 n-Tricontane (C30)

R.T.: 16.690 min
Delta R.T.: -0.021 min
Response: 5372968
Conc: 48.88 ug/ml

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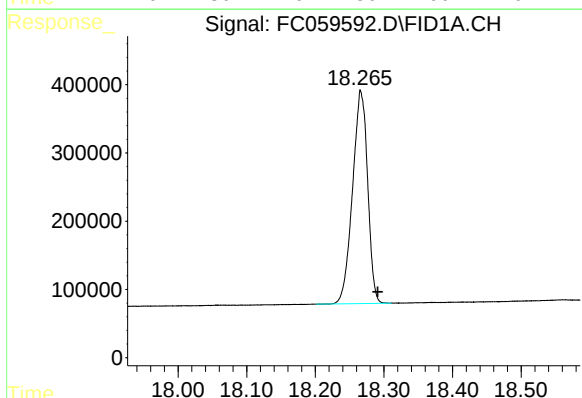
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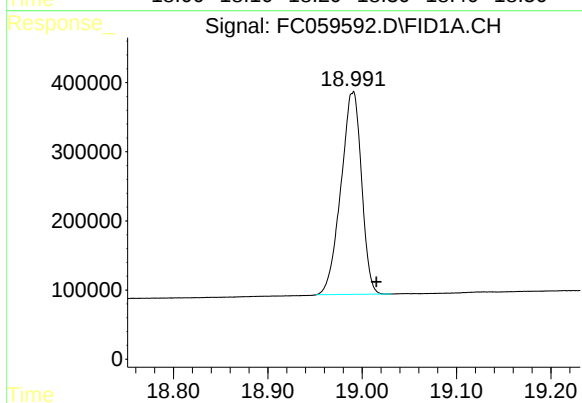
#18 n-Dotriacontane (C32)

R.T.: 17.501 min
Delta R.T.: -0.024 min
Response: 5267743
Conc: 50.95 ug/ml



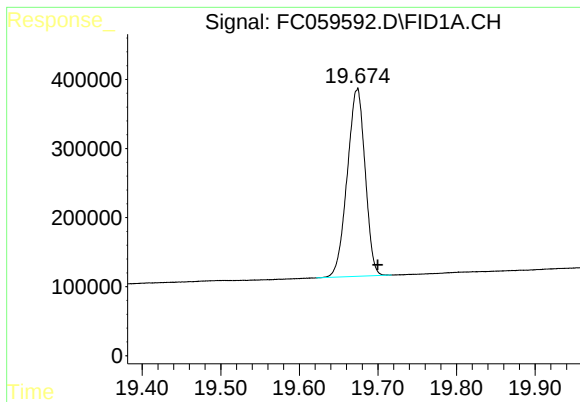
#19 n-Tetratriacontane (C34)

R.T.: 18.266 min
Delta R.T.: -0.025 min
Response: 4763763
Conc: 48.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.990 min
Delta R.T.: -0.026 min
Response: 4441761
Conc: 47.85 ug/ml



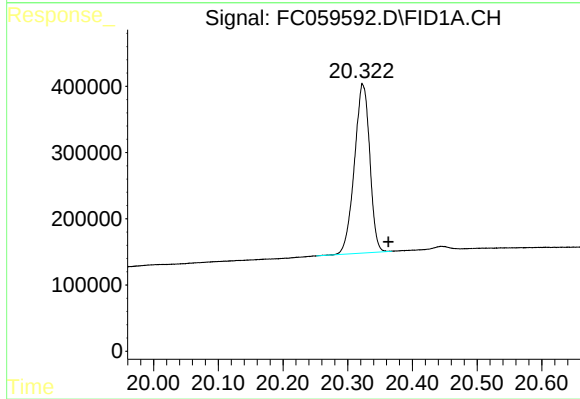
#21 n-Octatriacontane (C38)

R.T.: 19.673 min
Delta R.T.: -0.027 min
Response: 4294006
Conc: 45.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.323 min
Delta R.T.: -0.040 min
Response: 4194127
Conc: 44.31 ug/ml