

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051222AL\
 Data File : FC059713.D
 Signal(s) : FID1A.CH
 Acq On : 12 May 2022 15:12
 Operator : UA/NP
 Sample : PB144761BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144761BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: sample.E
 Quant Time: May 13 03:41:11 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)	10.658	6390532	43.519 ug/ml
Spiked Amount 50.000		Recovery =	87.04%
12) S 1-chlorooctadecane (S...	12.027	5236655	45.504 ug/ml
Spiked Amount 50.000		Recovery =	91.01%
Target Compounds			
1) T n-Nonane (C9)	2.646	5009102	39.225 ug/ml
2) T n-Decane (C10)	3.639	5228798	41.287 ug/ml
3) T A~Naphthalene (C11.7)	5.170	6293676	42.743 ug/ml
4) T n-Dodecane (C12)	5.588	5479377	41.666 ug/ml
5) T A~2-methylnaphthalene...	6.194	6308190	41.965 ug/ml
6) T n-Tetradecane (C14)	7.342	5843151	43.425 ug/ml
7) T n-Hexadecane (C16)	8.904	6361777	46.364 ug/ml
8) T n-Octadecane (C18)	10.314	6919094	50.208 ug/ml
10) T n-Eicosane (C20)	11.594	6667166	49.571 ug/ml
11) T n-Heneicosane (C21)	12.191	6570101	49.250 ug/ml
13) T n-Docosane (C22)	12.765	6427157	48.972 ug/ml
14) T n-Tetracosane (C24)	13.836	11815248	93.905 ug/ml
15) T n-Hexacosane (C26)	14.842	5875932	49.200 ug/ml
16) T n-Octacosane (C28)	15.766	5615348	49.324 ug/ml
17) T n-Tricontane (C30)	16.636	5268018	47.924 ug/ml
18) T n-Dotriacontane (C32)	17.446	5181513	50.120 ug/mlm
19) T n-Tetratriacontane (C34)	18.212	4713889	48.283 ug/mlm
20) T n-Hexatriacontane (C36)	18.934	4427030	47.688 ug/mlm
21) T n-Octatriacontane (C38)	19.616	4280509	44.966 ug/mlm
22) T n-Tetracontane (C40)	20.264	4208622	44.458 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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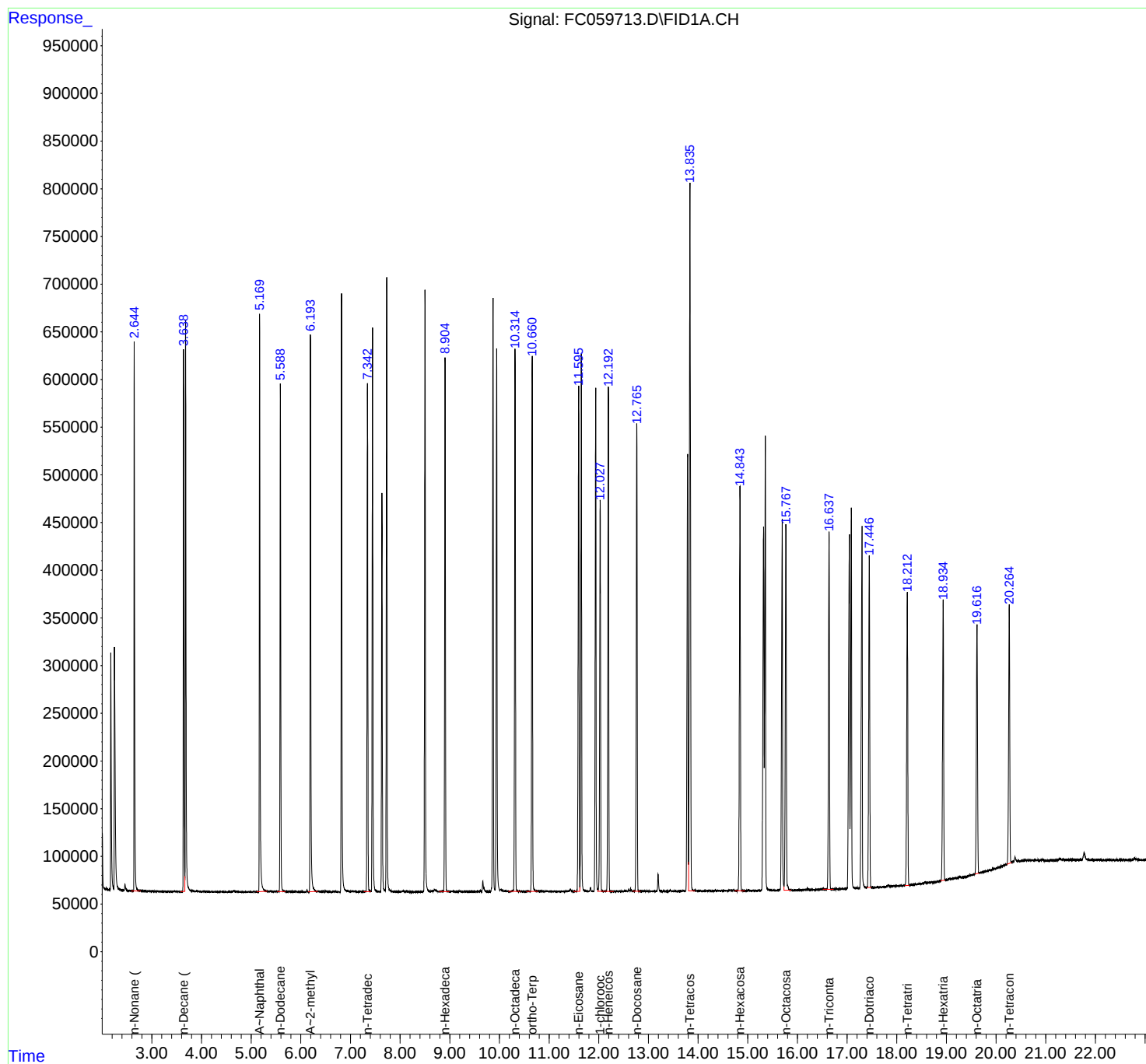
Instrument :
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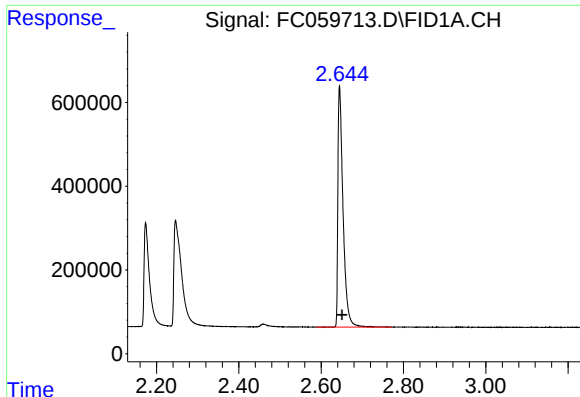
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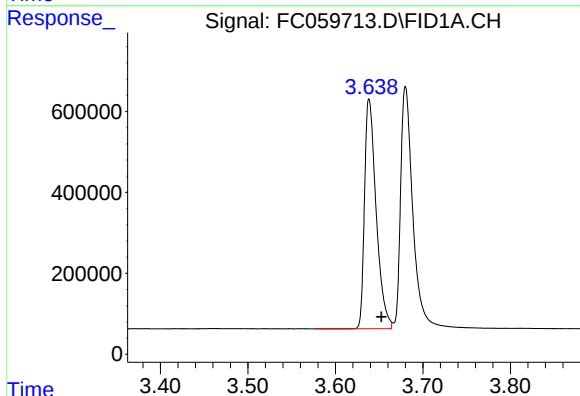
#1 n-Nonane (C9)

R.T.: 2.646 min
Delta R.T.: -0.005 min
Response: 5009102
Conc: 39.22 ug/ml

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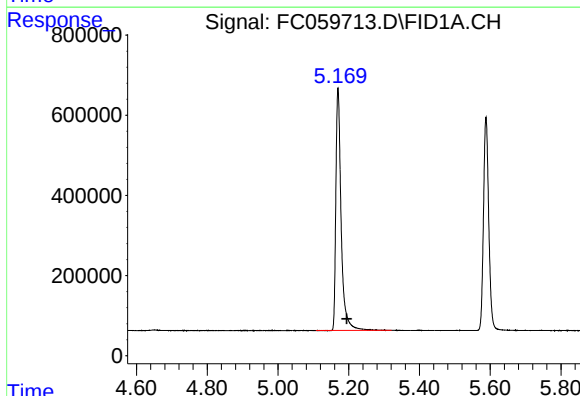
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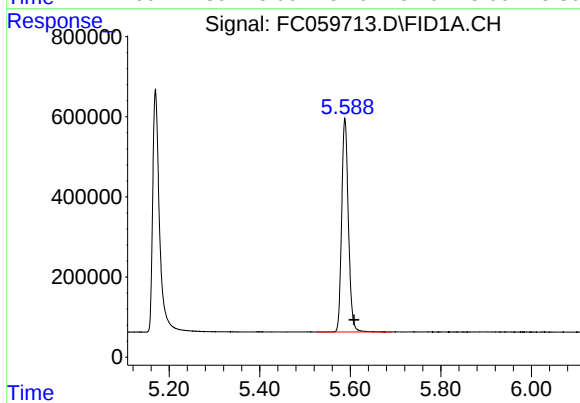
#2 n-Decane (C10)

R.T.: 3.639 min
Delta R.T.: -0.013 min
Response: 5228798
Conc: 41.29 ug/ml



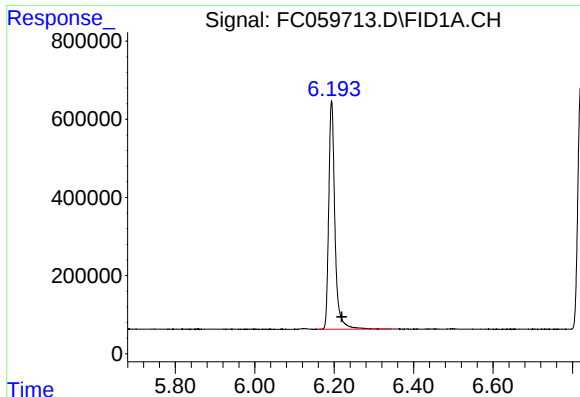
#3 A~Naphthalene (C11.7)

R.T.: 5.170 min
Delta R.T.: -0.024 min
Response: 6293676
Conc: 42.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.588 min
Delta R.T.: -0.020 min
Response: 5479377
Conc: 41.67 ug/ml



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

R.T.: 6.194 min
Delta R.T.: -0.025 min
Response: 6308190
Conc: 41.97 ug/ml

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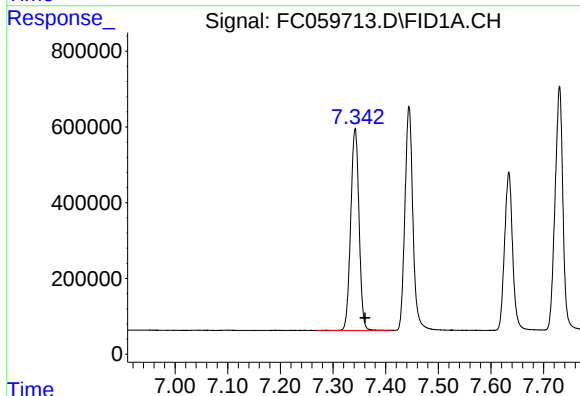
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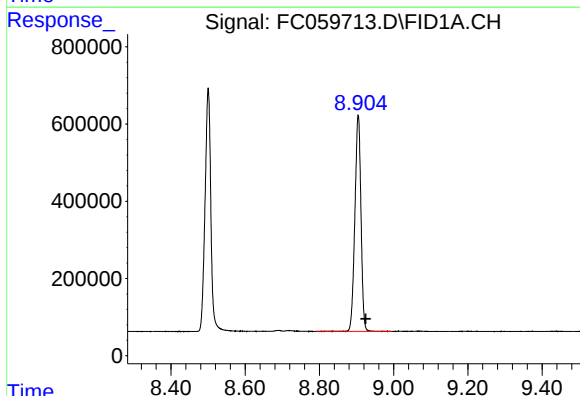
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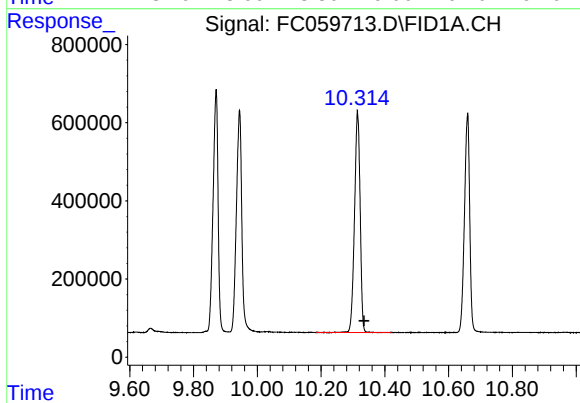
#6 n-Tetradecane (C14)

R.T.: 7.342 min
Delta R.T.: -0.019 min
Response: 5843151
Conc: 43.42 ug/ml



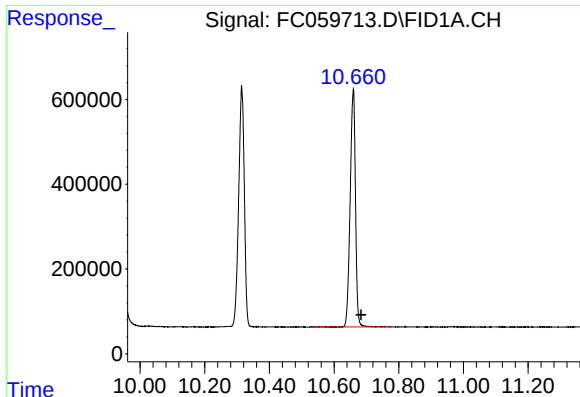
#7 n-Hexadecane (C16)

R.T.: 8.904 min
Delta R.T.: -0.021 min
Response: 6361777
Conc: 46.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.314 min
Delta R.T.: -0.021 min
Response: 6919094
Conc: 50.21 ug/ml



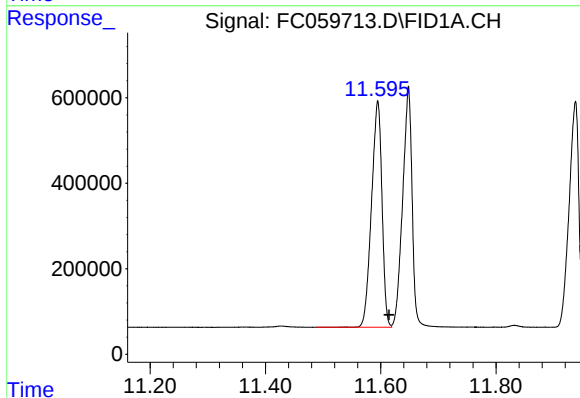
#9 ortho-Terphenyl (SURR)

R.T.: 10.658 min
Delta R.T.: -0.025 min
Response: 6390532
Conc: 43.52 ug/ml

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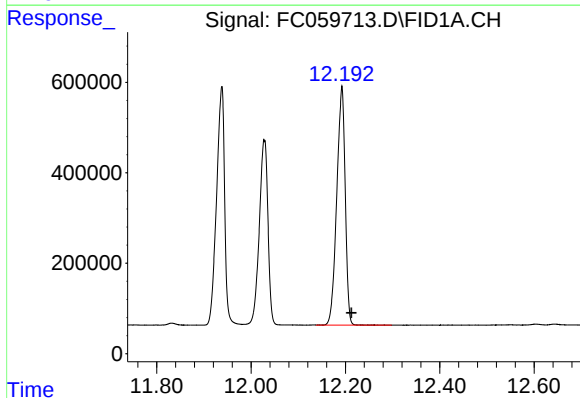
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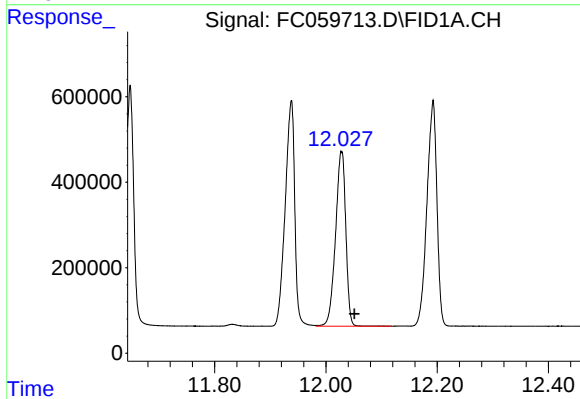
#10 n-Eicosane (C20)

R.T.: 11.594 min
Delta R.T.: -0.021 min
Response: 6667166
Conc: 49.57 ug/ml



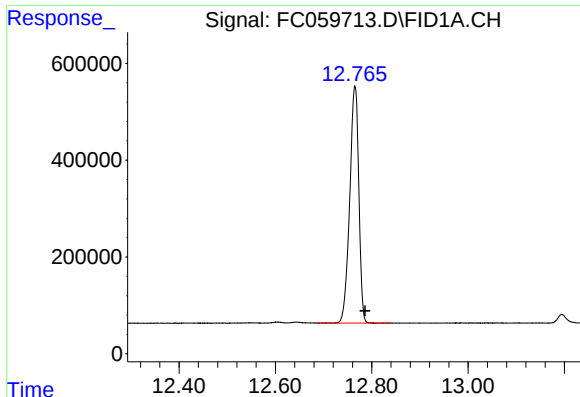
#11 n-Heneicosane (C21)

R.T.: 12.191 min
Delta R.T.: -0.022 min
Response: 6570101
Conc: 49.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.027 min
Delta R.T.: -0.024 min
Response: 5236655
Conc: 45.50 ug/ml



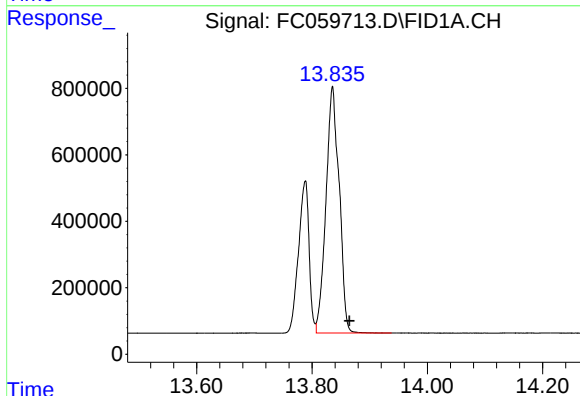
#13 n-Docosane (C22)

R.T.: 12.765 min
Delta R.T.: -0.022 min
Response: 6427157
Conc: 48.97 ug/ml

Instrument :
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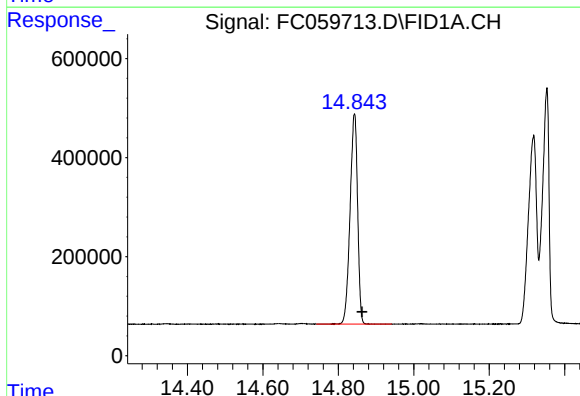
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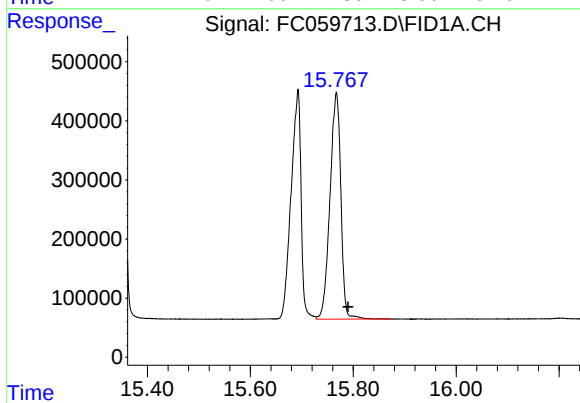
#14 n-Tetracosane (C24)

R.T.: 13.836 min
Delta R.T.: -0.029 min
Response: 11815248
Conc: 93.90 ug/ml



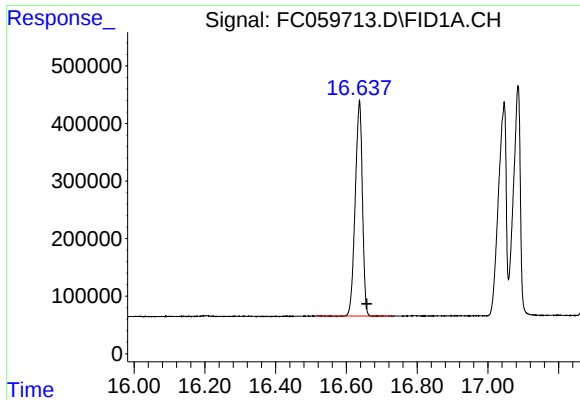
#15 n-Hexacosane (C26)

R.T.: 14.842 min
Delta R.T.: -0.021 min
Response: 5875932
Conc: 49.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.766 min
Delta R.T.: -0.024 min
Response: 5615348
Conc: 49.32 ug/ml



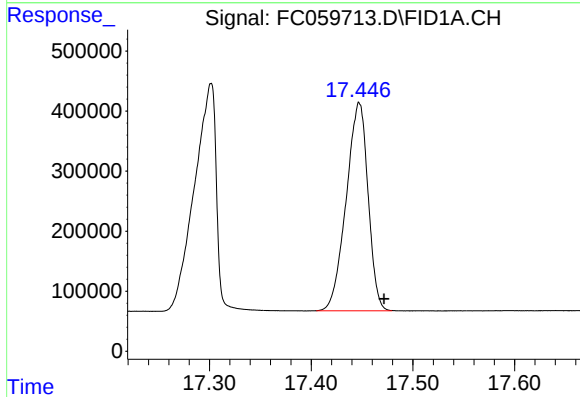
#17 n-Tricontane (C30)

R.T.: 16.636 min
Delta R.T.: -0.021 min
Response: 5268018
Conc: 47.92 ug/ml

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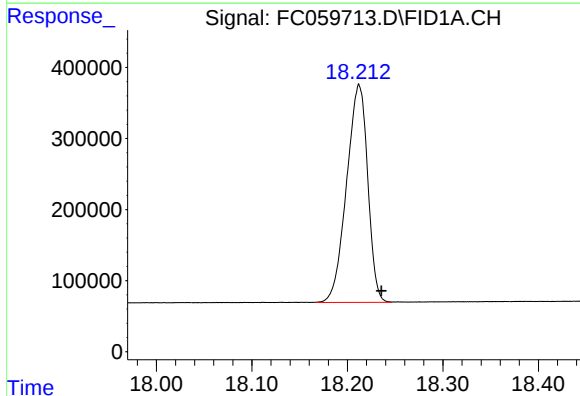
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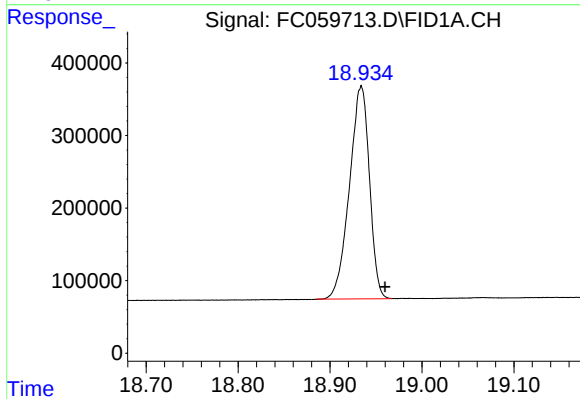
#18 n-Dotriacontane (C32)

R.T.: 17.446 min
Delta R.T.: -0.025 min
Response: 5181513
Conc: 50.12 ug/ml m



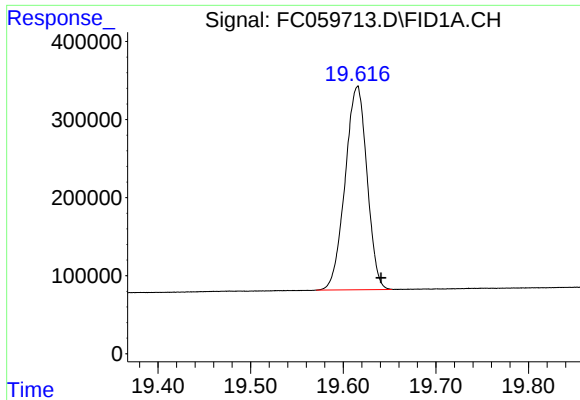
#19 n-Tetratriacontane (C34)

R.T.: 18.212 min
Delta R.T.: -0.024 min
Response: 4713889
Conc: 48.28 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.934 min
Delta R.T.: -0.026 min
Response: 4427030
Conc: 47.69 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.616 min
Delta R.T.: -0.025 min
Response: 4280509
Conc: 44.97 ug/ml

Instrument :

FID_C

ClientSampleId :

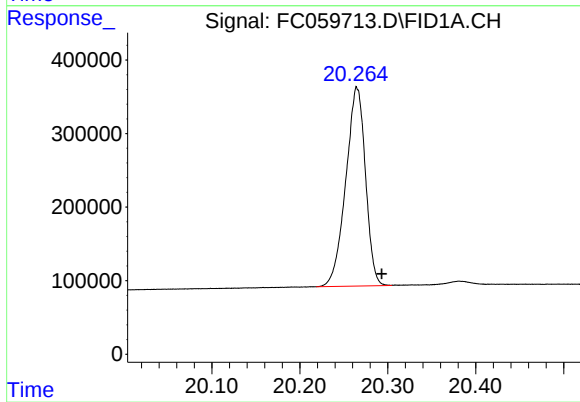
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#22 n-Tetracontane (C40)

R.T.: 20.264 min
Delta R.T.: -0.029 min
Response: 4208622
Conc: 44.46 ug/ml m