

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050622AL\
 Data File : FC059593.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2022 14:06
 Operator : UA/NP
 Sample : PB144605BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144605BSD

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 00:10:50 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)	10.709	6467853	44.045 ug/ml
Spiked Amount 50.000		Recovery =	88.09%
12) S 1-chlorooctadecane (S...	12.076	5189776	45.097 ug/ml
Spiked Amount 50.000		Recovery =	90.19%
Target Compounds			
1) T n-Nonane (C9)	2.675	4516008	35.363 ug/ml
2) T n-Decane (C10)	3.671	4870795	38.460 ug/mlm
3) T A~Naphthalene (C11.7)	5.214	6114607	41.527 ug/ml
4) T n-Dodecane (C12)	5.625	5461837	41.532 ug/ml
5) T A~2-methylnaphthalene...	6.239	6321040	42.051 ug/ml
6) T n-Tetradecane (C14)	7.381	5944233	44.176 ug/ml
7) T n-Hexadecane (C16)	8.946	6229237	45.398 ug/ml
8) T n-Octadecane (C18)	10.358	6575464	47.715 ug/ml
10) T n-Eicosane (C20)	11.639	6267370	46.599 ug/ml
11) T n-Heneicosane (C21)	12.237	6173581	46.278 ug/ml
13) T n-Docosane (C22)	12.811	6032633	45.966 ug/ml
14) T n-Tetracosane (C24)	13.886	11199962	89.015 ug/ml
15) T n-Hexacosane (C26)	14.890	5479485	45.880 ug/ml
16) T n-Octacosane (C28)	15.816	5194726	45.629 ug/mlm
17) T n-Tricontane (C30)	16.689	4917449	44.735 ug/mlm
18) T n-Dotriacontane (C32)	17.499	4817972	46.603 ug/ml
19) T n-Tetratriacontane (C34)	18.265	4358414	44.642 ug/ml
20) T n-Hexatriacontane (C36)	18.988	4059235	43.726 ug/ml
21) T n-Octatriacontane (C38)	19.672	3943379	41.425 ug/ml
22) T n-Tetracontane (C40)	20.322	3850819	40.679 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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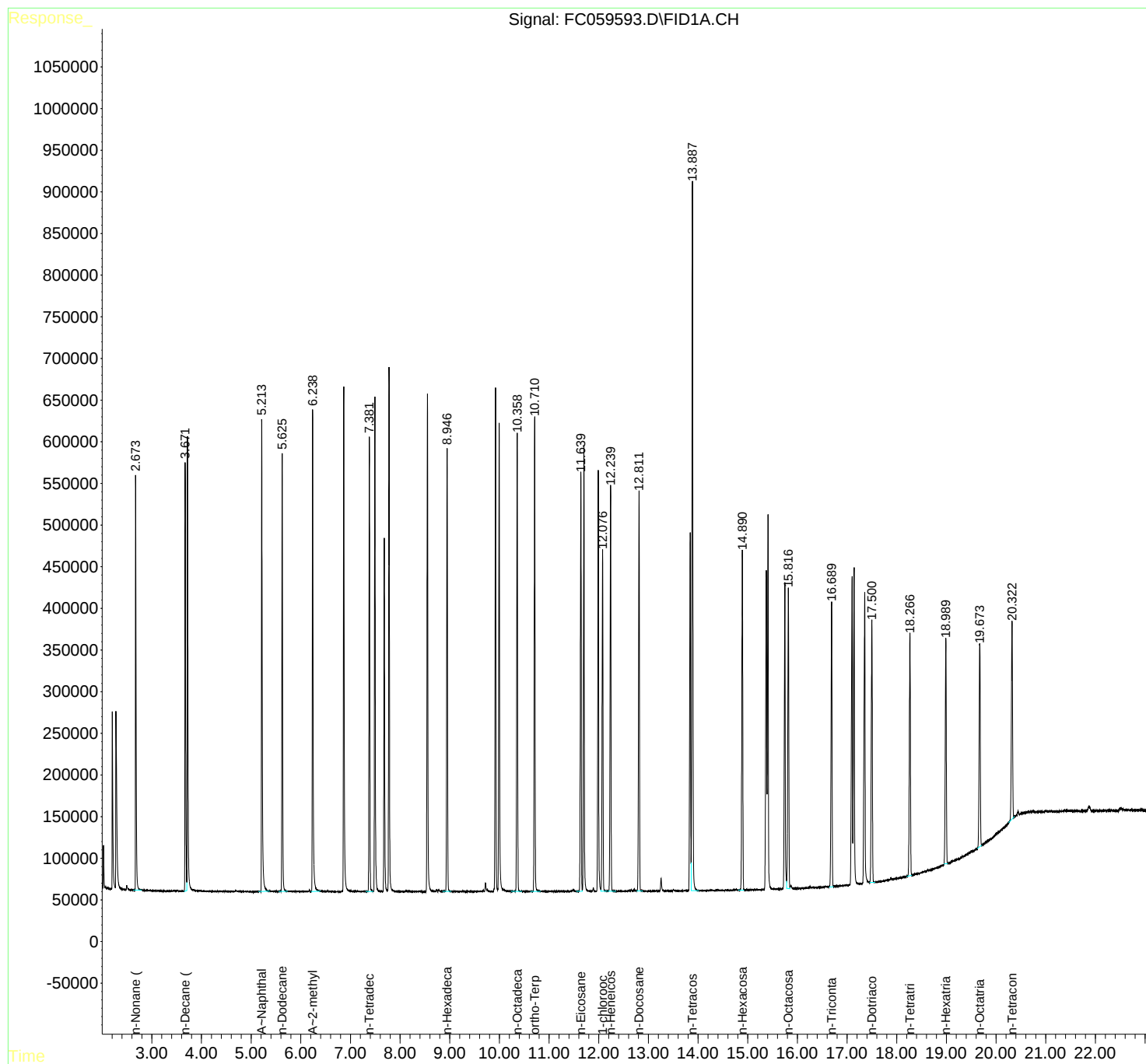
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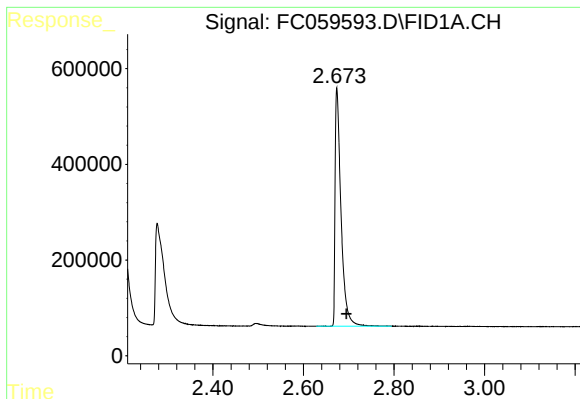
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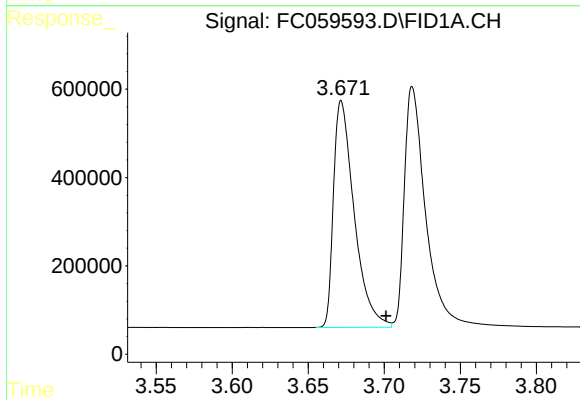
#1 n-Nonane (C9)

R.T.: 2.675 min
Delta R.T.: -0.020 min
Response: 4516008
Conc: 35.36 ug/ml

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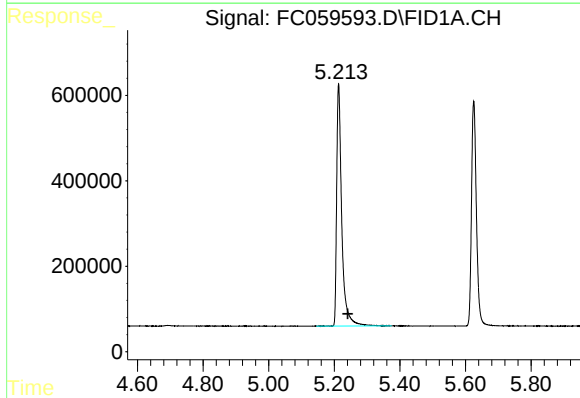
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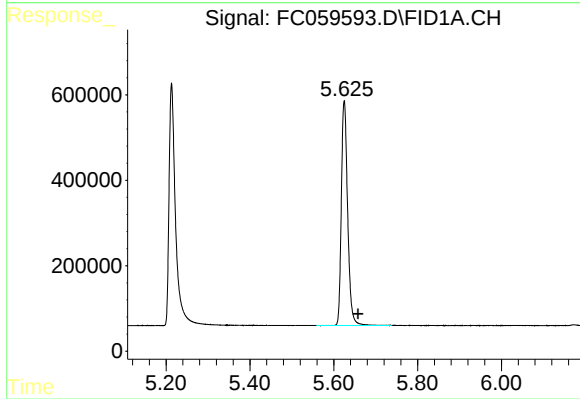
#2 n-Decane (C10)

R.T.: 3.671 min
Delta R.T.: -0.030 min
Response: 4870795
Conc: 38.46 ug/ml m



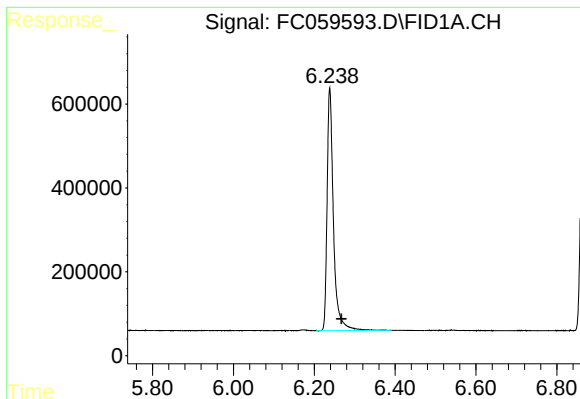
#3 A~Naphthalene (C11.7)

R.T.: 5.214 min
Delta R.T.: -0.027 min
Response: 6114607
Conc: 41.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.625 min
Delta R.T.: -0.033 min
Response: 5461837
Conc: 41.53 ug/ml



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

R.T.: 6.239 min
Delta R.T.: -0.028 min
Response: 6321040
Conc: 42.05 ug/ml

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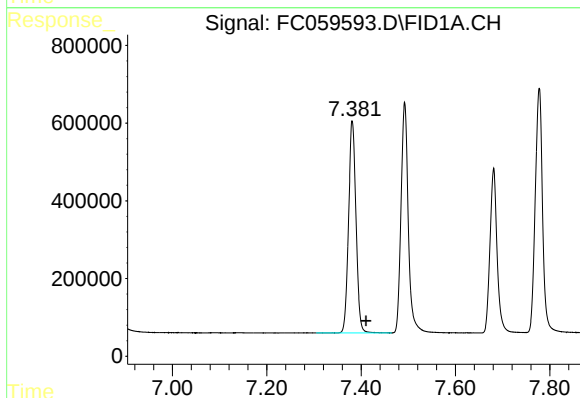
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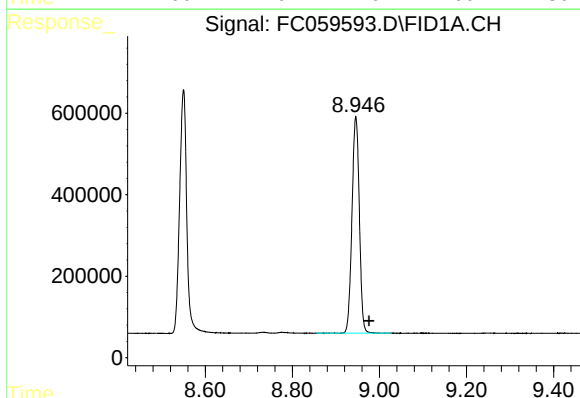
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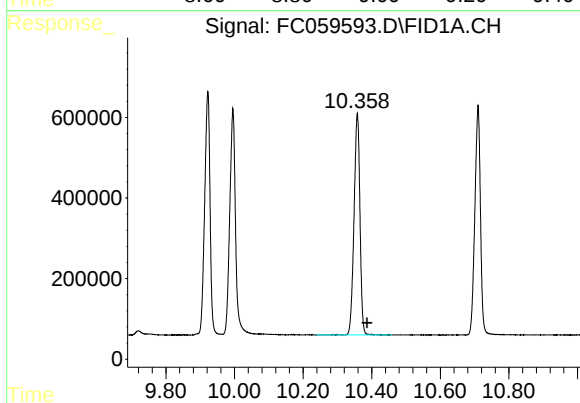
#6 n-Tetradecane (C14)

R.T.: 7.381 min
Delta R.T.: -0.029 min
Response: 5944233
Conc: 44.18 ug/ml



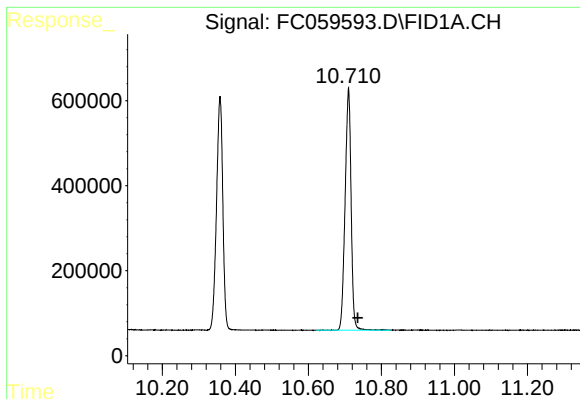
#7 n-Hexadecane (C16)

R.T.: 8.946 min
Delta R.T.: -0.030 min
Response: 6229237
Conc: 45.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.358 min
Delta R.T.: -0.029 min
Response: 6575464
Conc: 47.71 ug/ml



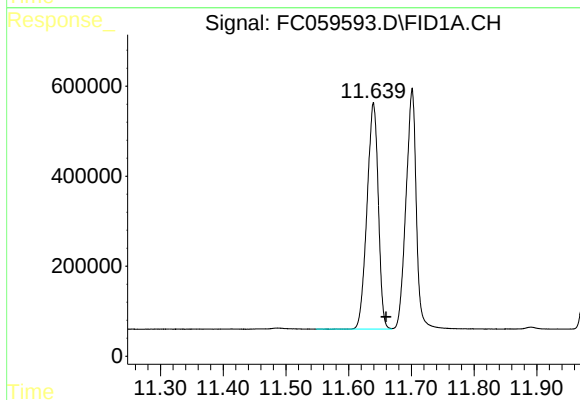
#9 ortho-Terphenyl (SURR)

R.T.: 10.709 min
Delta R.T.: -0.026 min
Response: 6467853
Conc: 44.05 ug/ml

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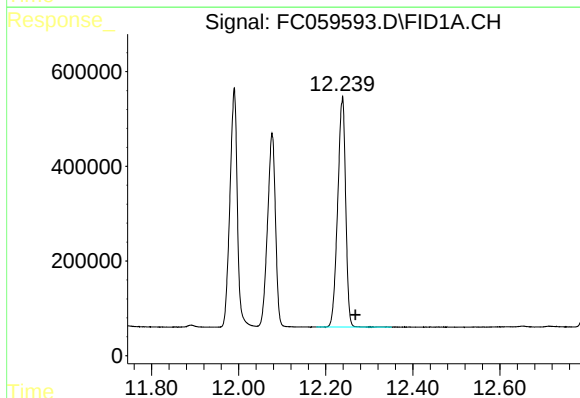
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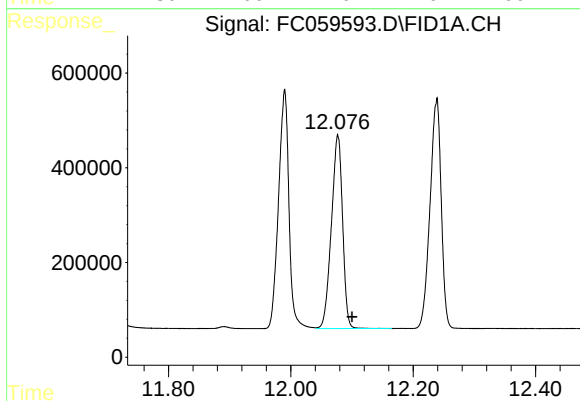
#10 n-Eicosane (C20)

R.T.: 11.639 min
Delta R.T.: -0.021 min
Response: 6267370
Conc: 46.60 ug/ml



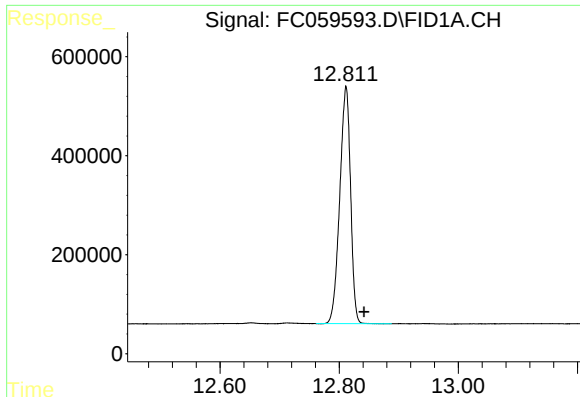
#11 n-Heneicosane (C21)

R.T.: 12.237 min
Delta R.T.: -0.031 min
Response: 6173581
Conc: 46.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.076 min
Delta R.T.: -0.024 min
Response: 5189776
Conc: 45.10 ug/ml



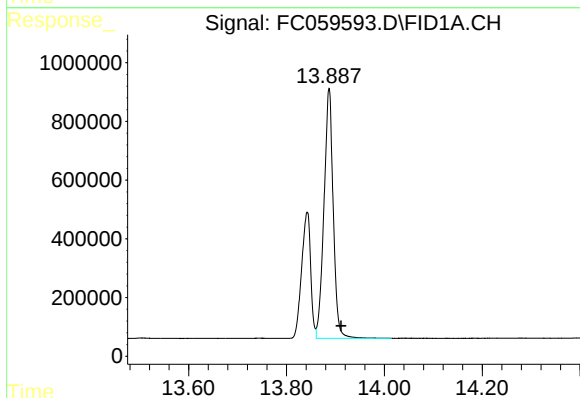
#13 n-Docosane (C22)

R.T.: 12.811 min
Delta R.T.: -0.031 min
Response: 6032633
Conc: 45.97 ug/ml

Instrument :
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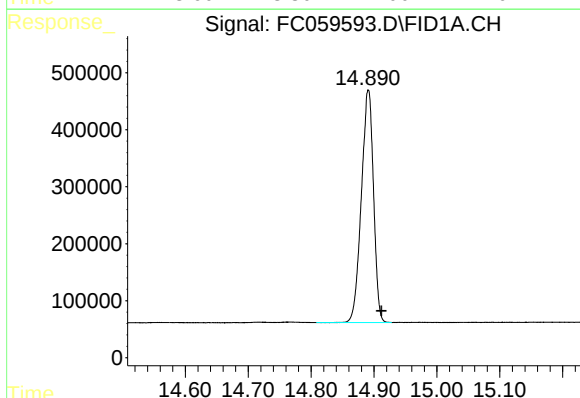
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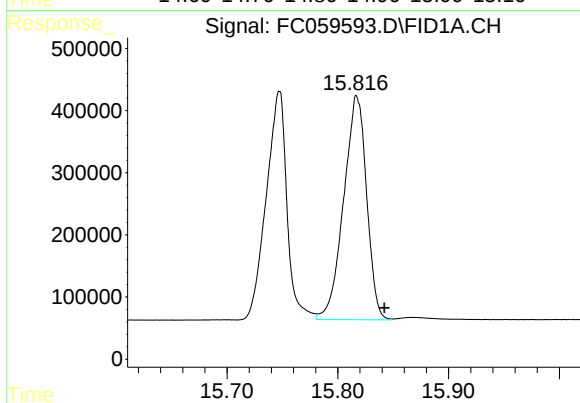
#14 n-Tetracosane (C24)

R.T.: 13.886 min
Delta R.T.: -0.026 min
Response: 11199962
Conc: 89.01 ug/ml



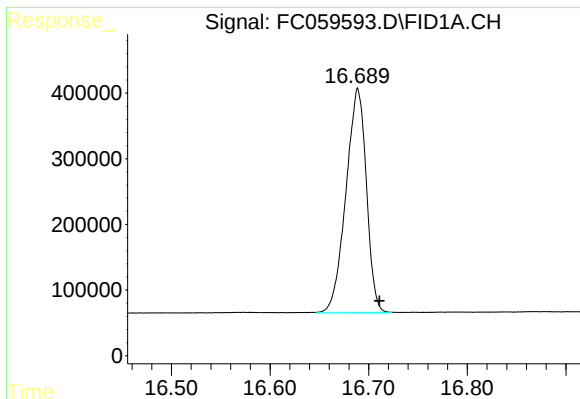
#15 n-Hexacosane (C26)

R.T.: 14.890 min
Delta R.T.: -0.022 min
Response: 5479485
Conc: 45.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.816 min
Delta R.T.: -0.026 min
Response: 5194726
Conc: 45.63 ug/ml m



#17 n-Tricontane (C30)

R.T.: 16.689 min
Delta R.T.: -0.022 min
Response: 4917449
Conc: 44.73 ug/ml

Instrument :

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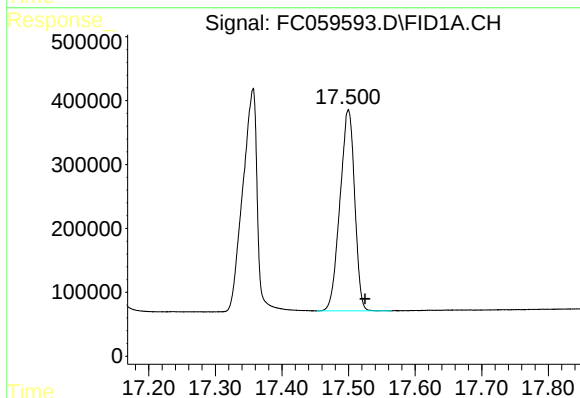
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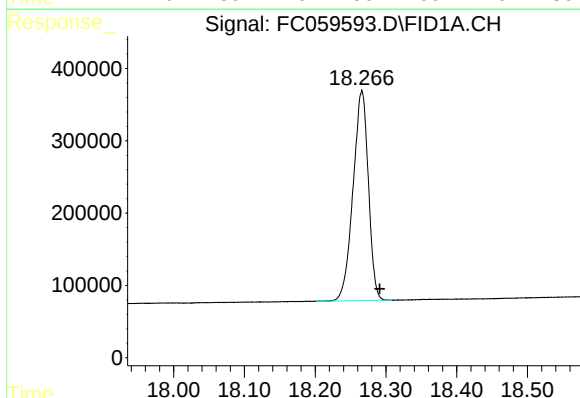
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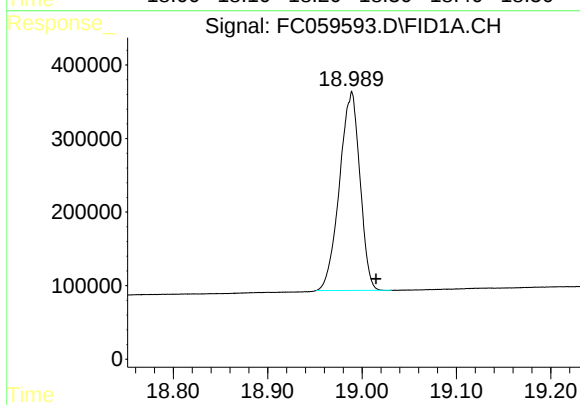
#18 n-Dotriacontane (C32)

R.T.: 17.499 min
Delta R.T.: -0.026 min
Response: 4817972
Conc: 46.60 ug/ml



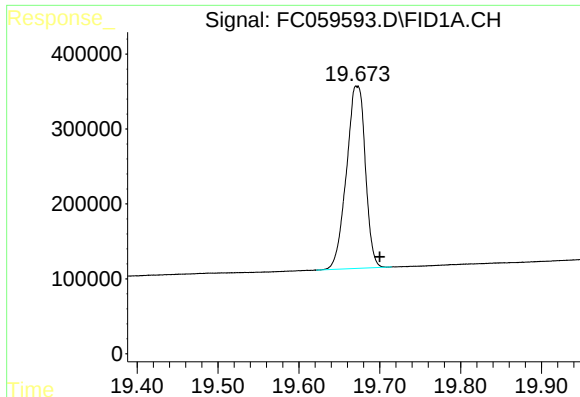
#19 n-Tetratriacontane (C34)

R.T.: 18.265 min
Delta R.T.: -0.026 min
Response: 4358414
Conc: 44.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.988 min
Delta R.T.: -0.027 min
Response: 4059235
Conc: 43.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.672 min
Delta R.T.: -0.028 min
Response: 3943379
Conc: 41.42 ug/ml

Instrument :

FID_C

ClientSampleId :

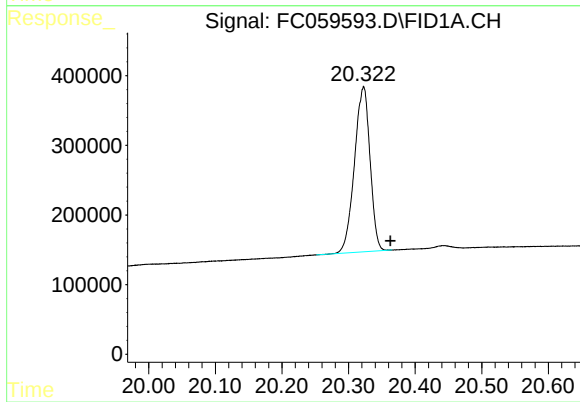
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#22 n-Tetracontane (C40)

R.T.: 20.322 min
Delta R.T.: -0.041 min
Response: 3850819
Conc: 40.68 ug/ml