

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059197.D
 Signal(s) : FID1A.CH
 Acq On : 13 Apr 2022 15:44
 Operator : UA/NP
 Sample : PB144088BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144088BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/14/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e
 Quant Time: Apr 14 03:06:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.104	6040361	41.923 ug/ml
Spiked Amount 50.000		Recovery =	83.85%
12) S 1-chlorooctadecane (S...	12.550	4700796	41.936 ug/mlm
Spiked Amount 50.000		Recovery =	83.87%
Target Compounds			
1) T n-Nonane (C9)	2.975	4599014	37.529 ug/ml
2) T n-Decane (C10)	4.012	4978535	40.626 ug/ml
3) T A~Naphthalene (C11.7)	5.554	5697804	45.381 ug/ml
4) T n-Dodecane (C12)	6.005	5542055	43.390 ug/ml
5) T A~2-methylnaphthalene...	6.602	5820462	45.402 ug/ml
6) T n-Tetradecane (C14)	7.789	5715103	43.955 ug/ml
7) T n-Hexadecane (C16)	9.378	5737012	43.203 ug/ml
8) T n-Octadecane (C18)	10.812	5914809	44.487 ug/ml
10) T n-Eicosane (C20)	12.116	5468767	41.739 ug/mlm
11) T n-Heneicosane (C21)	12.722	5550140	42.537 ug/ml
13) T n-Docosane (C22)	13.305	5477335	42.281 ug/ml
14) T n-Tetracosane (C24)	14.403	5790801	45.841 ug/ml
15) T n-Hexacosane (C26)	15.421	5195267	43.010 ug/ml
16) T n-Octacosane (C28)	16.365	5158787	43.566 ug/ml
17) T n-Tricontane (C30)	17.252	4940719	43.310 ug/mlm
18) T n-Dotriacontane (C32)	18.080	4986251	46.544 ug/ml
19) T n-Tetratriacontane (C34)	18.861	4688375	46.403 ug/mlm
20) T n-Hexatriacontane (C36)	19.598	4500418	47.101 ug/ml
21) T n-Octatriacontane (C38)	20.295	4409559	47.920 ug/ml
22) T n-Tetracontane (C40)	21.041	4335588	46.650 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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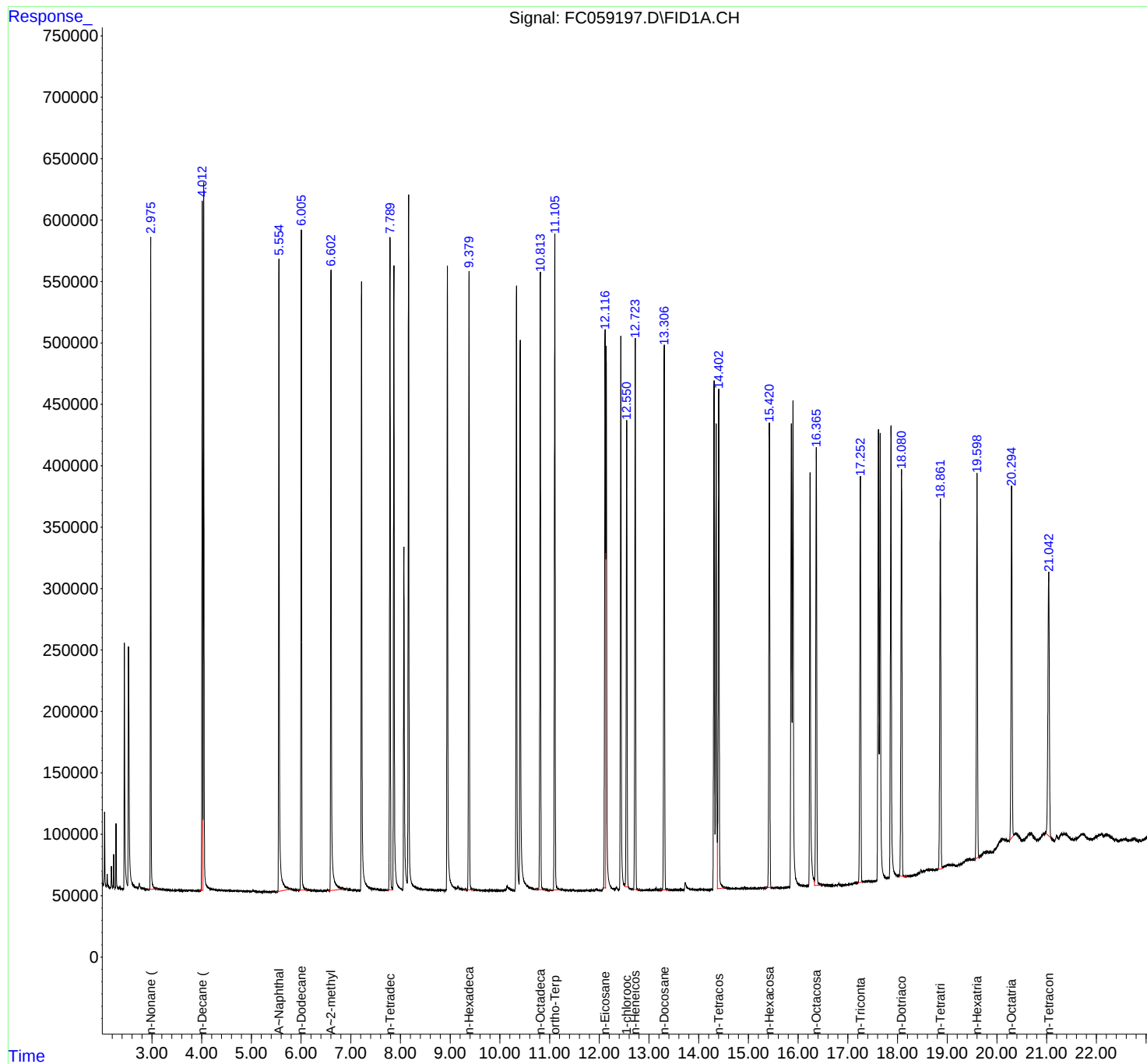
Response via : Initial Calibration

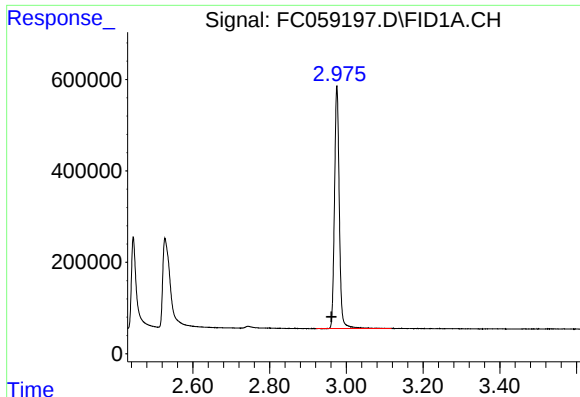
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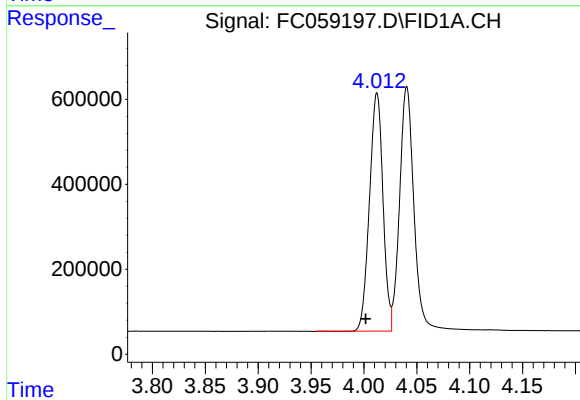
#1 n-Nonane (C9)

R.T.: 2.975 min
Delta R.T.: 0.014 min
Response: 4599014
Conc: 37.53 ug/ml

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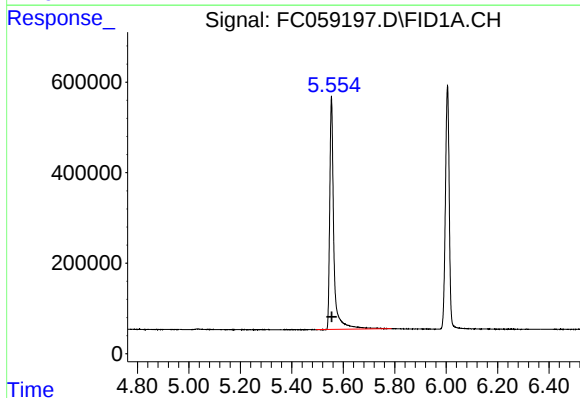
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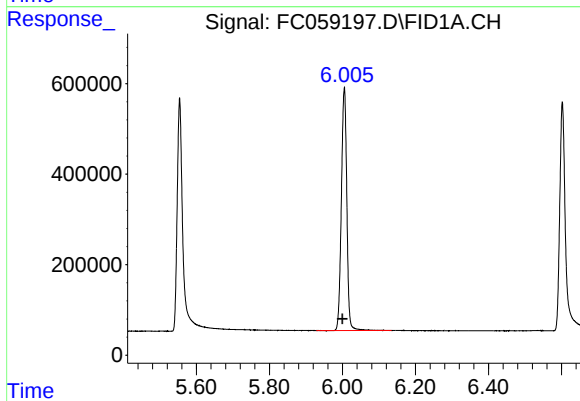
#2 n-Decane (C10)

R.T.: 4.012 min
Delta R.T.: 0.010 min
Response: 4978535
Conc: 40.63 ug/ml



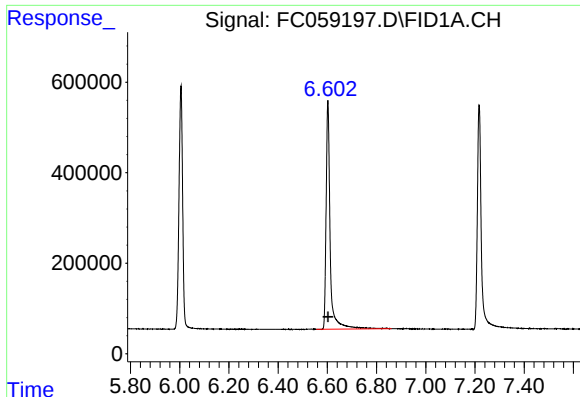
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 5697804
Conc: 45.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.005 min
Delta R.T.: 0.005 min
Response: 5542055
Conc: 43.39 ug/ml



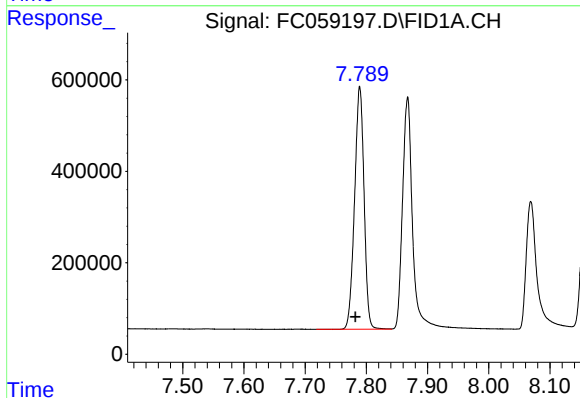
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 5820462
Conc: 45.40 ug/ml

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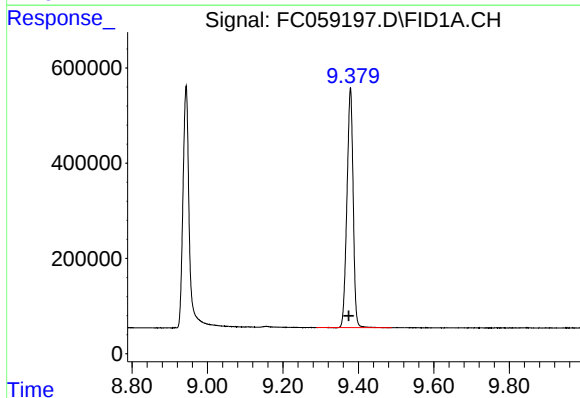
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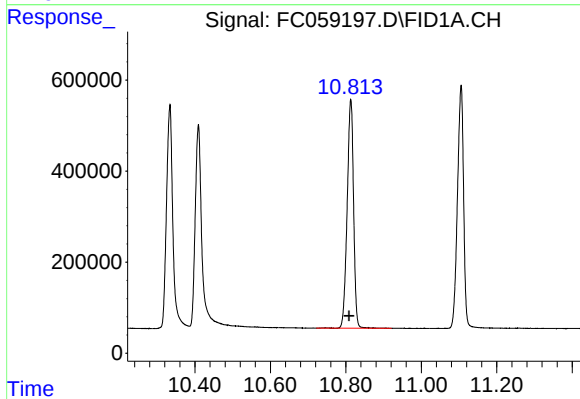
#6 n-Tetradecane (C14)

R.T.: 7.789 min
Delta R.T.: 0.007 min
Response: 5715103
Conc: 43.96 ug/ml



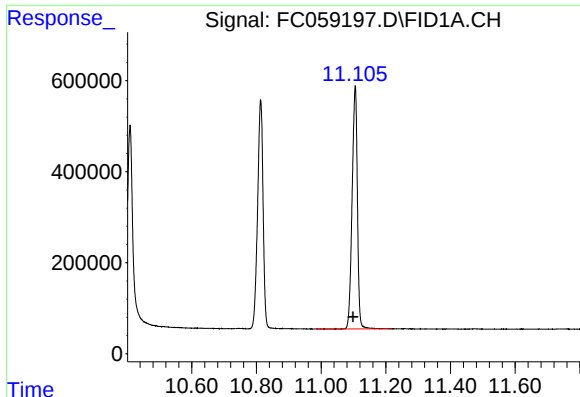
#7 n-Hexadecane (C16)

R.T.: 9.378 min
Delta R.T.: 0.004 min
Response: 5737012
Conc: 43.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.812 min
Delta R.T.: 0.004 min
Response: 5914809
Conc: 44.49 ug/ml



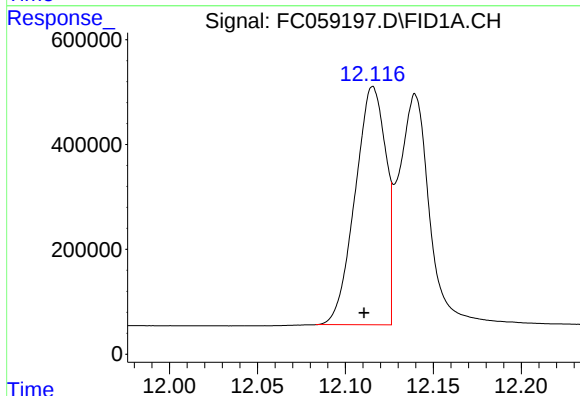
#9 ortho-Terphenyl (SURR)

R.T.: 11.104 min
Delta R.T.: 0.006 min
Response: 6040361
Conc: 41.92 ug/ml

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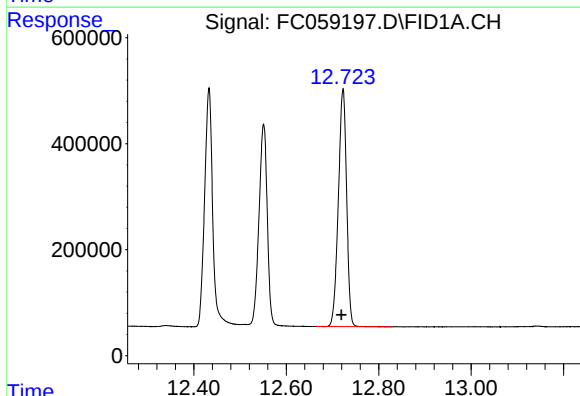
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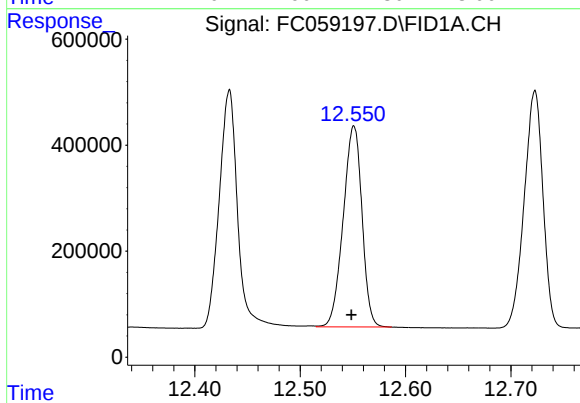
#10 n-Eicosane (C20)

R.T.: 12.116 min
Delta R.T.: 0.005 min
Response: 5468767
Conc: 41.74 ug/ml m



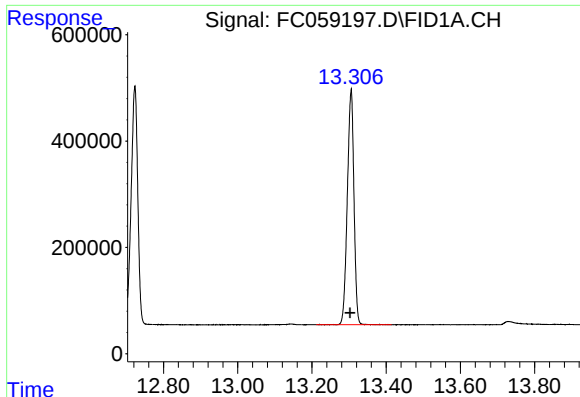
#11 n-Heneicosane (C21)

R.T.: 12.722 min
Delta R.T.: 0.003 min
Response: 5550140
Conc: 42.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.550 min
Delta R.T.: 0.002 min
Response: 4700796
Conc: 41.94 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.305 min
Delta R.T.: 0.002 min
Response: 5477335
Conc: 42.28 ug/ml

Instrument :

FID_C

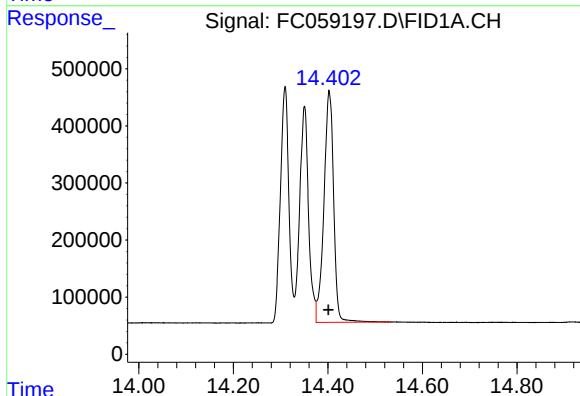
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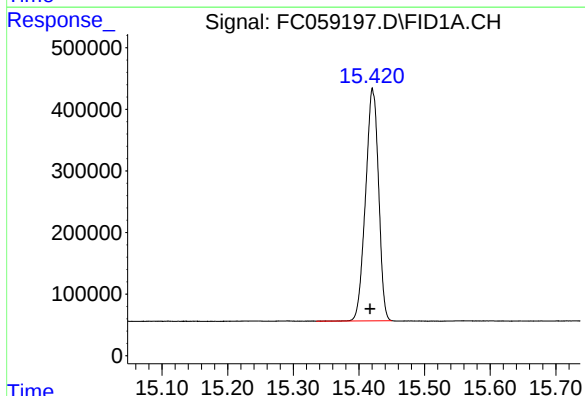
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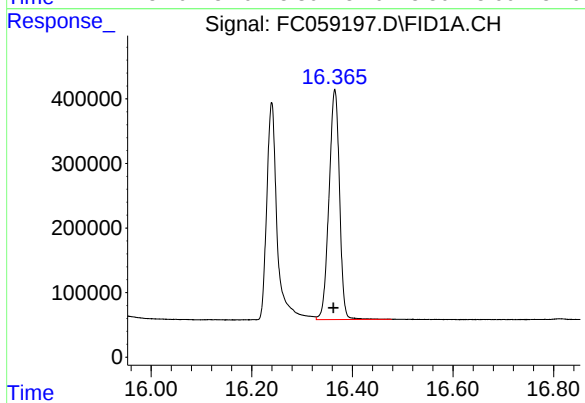
#14 n-Tetracosane (C24)

R.T.: 14.403 min
Delta R.T.: 0.001 min
Response: 5790801
Conc: 45.84 ug/ml



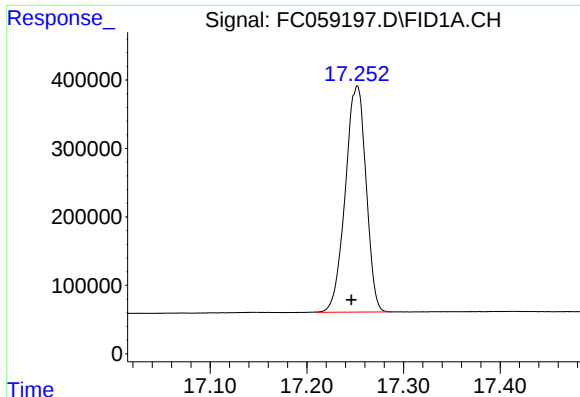
#15 n-Hexacosane (C26)

R.T.: 15.421 min
Delta R.T.: 0.004 min
Response: 5195267
Conc: 43.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.365 min
Delta R.T.: 0.002 min
Response: 5158787
Conc: 43.57 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.252 min
Delta R.T.: 0.006 min
Response: 4940719
Conc: 43.31 ug/ml

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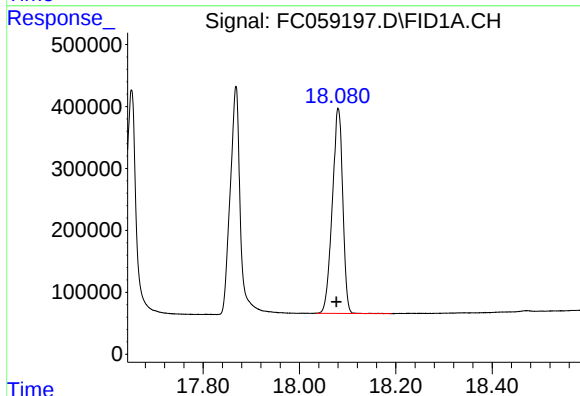
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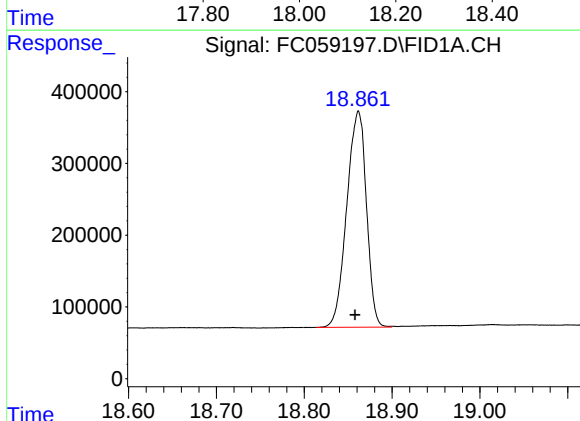
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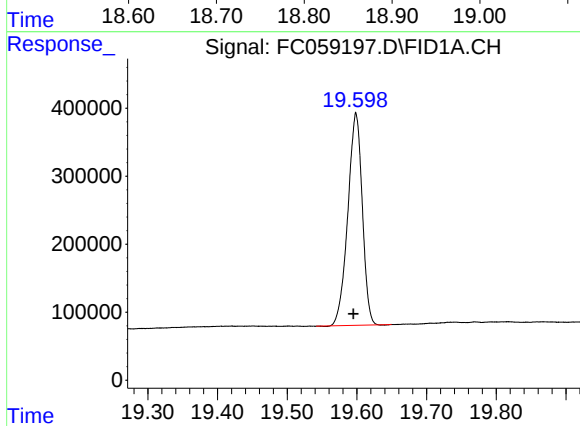
#18 n-Dotriacontane (C32)

R.T.: 18.080 min
Delta R.T.: 0.004 min
Response: 4986251
Conc: 46.54 ug/ml



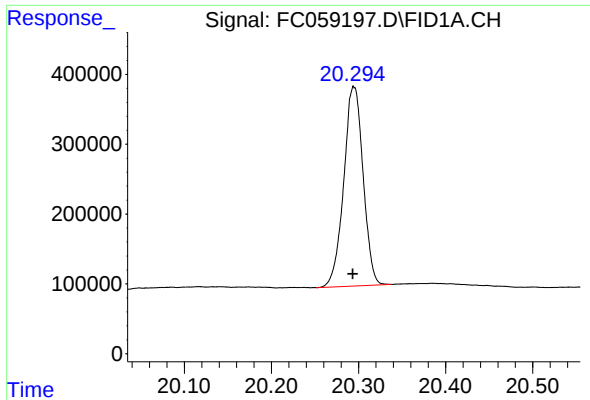
#19 n-Tetratriacontane (C34)

R.T.: 18.861 min
Delta R.T.: 0.003 min
Response: 4688375
Conc: 46.40 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.598 min
Delta R.T.: 0.003 min
Response: 4500418
Conc: 47.10 ug/ml



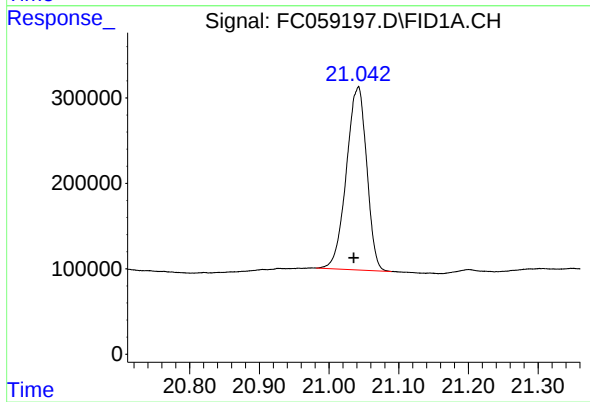
#21 n-Octatriacontane (C38)

R.T.: 20.295 min
Delta R.T.: 0.002 min
Response: 4409559
Conc: 47.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.041 min
Delta R.T.: 0.005 min
Response: 4335588
Conc: 46.65 ug/ml