

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041822AL\
 Data File : FC059287.D
 Signal(s) : FID1A.CH
 Acq On : 18 Apr 2022 18:27
 Operator : UA/NP
 Sample : PB141170BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144170BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/20/2022
 Supervised By :mohammad ahmed 04/20/2022

Integration File: autoint1.e
 Quant Time: Apr 19 03:15:29 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)	11.107	5686018	39.464 ug/ml
Spiked Amount 50.000		Recovery =	78.93%
12) S 1-chlorooctadecane (S...	12.553	4661951	41.590 ug/ml
Spiked Amount 50.000		Recovery =	83.18%
Target Compounds			
1) T n-Nonane (C9)	2.973	4477617	36.538 ug/ml
2) T n-Decane (C10)	4.011	4837737	39.477 ug/ml
3) T A~Naphthalene (C11.7)	5.556	5572264	44.381 ug/ml
4) T n-Dodecane (C12)	6.006	5386863	42.175 ug/ml
5) T A~2-methylnaphthalene...	6.604	5542092	43.231 ug/ml
6) T n-Tetradecane (C14)	7.791	5512605	42.398 ug/ml
7) T n-Hexadecane (C16)	9.380	5522955	41.591 ug/ml
8) T n-Octadecane (C18)	10.815	5693072	42.819 ug/ml
10) T n-Eicosane (C20)	12.118	5111621	39.013 ug/mlm
11) T n-Heneicosane (C21)	12.726	5396309	41.358 ug/ml
13) T n-Docosane (C22)	13.309	5300548	40.917 ug/ml
14) T n-Tetracosane (C24)	14.407	5778724	45.745 ug/ml
15) T n-Hexacosane (C26)	15.427	5095675	42.185 ug/mlm
16) T n-Octacosane (C28)	16.370	5104727	43.110 ug/ml
17) T n-Tricontane (C30)	17.258	4847447	42.493 ug/ml
18) T n-Dotriacontane (C32)	18.085	4769353	44.519 ug/ml
19) T n-Tetratriacontane (C34)	18.867	4138180	40.957 ug/mlm
20) T n-Hexatriacontane (C36)	19.603	3530959	36.955 ug/ml
21) T n-Octatriacontane (C38)	20.301	2909877	31.623 ug/ml
22) T n-Tetracontane (C40)	21.046	2496092	26.857 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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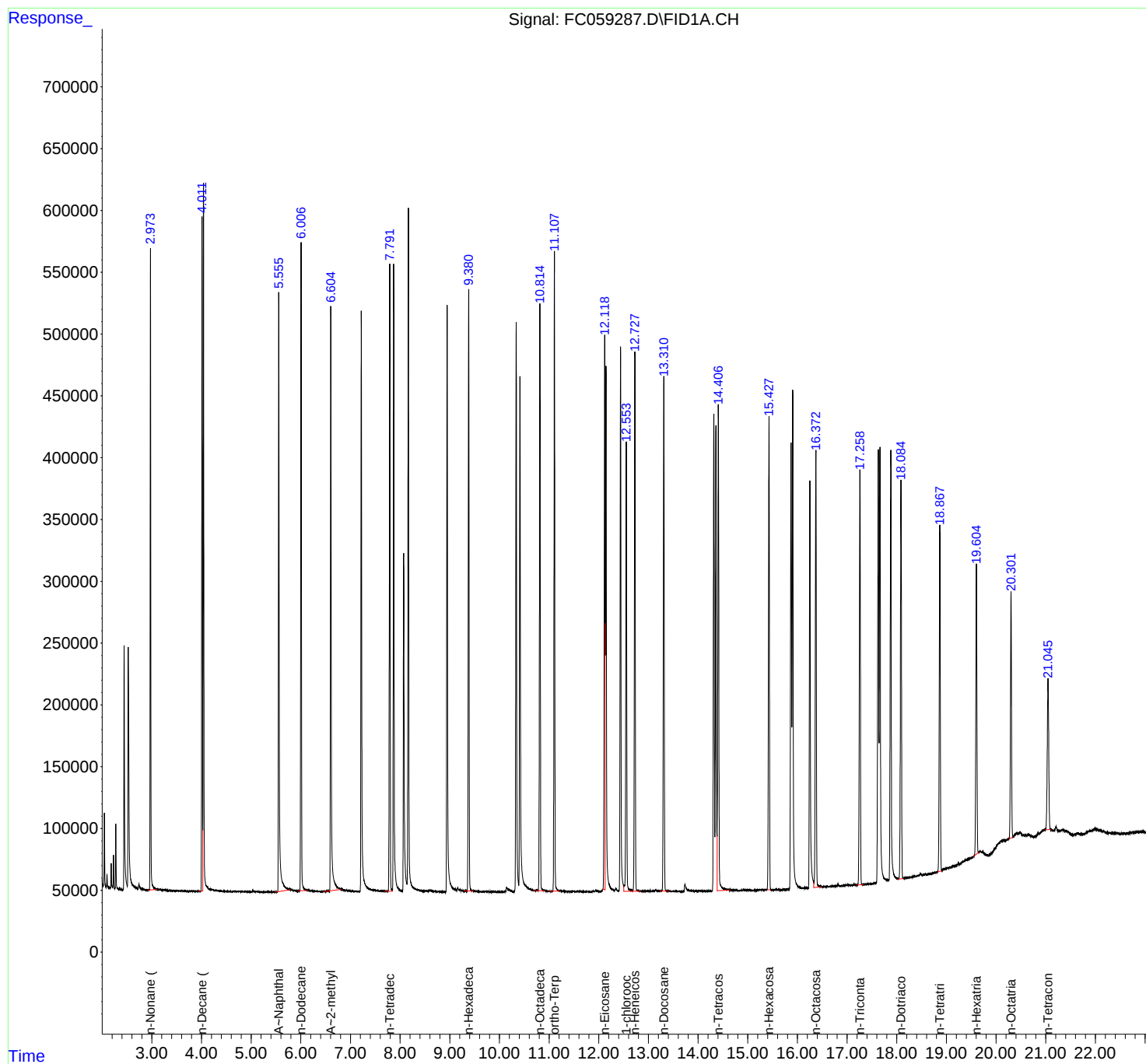
Instrument :
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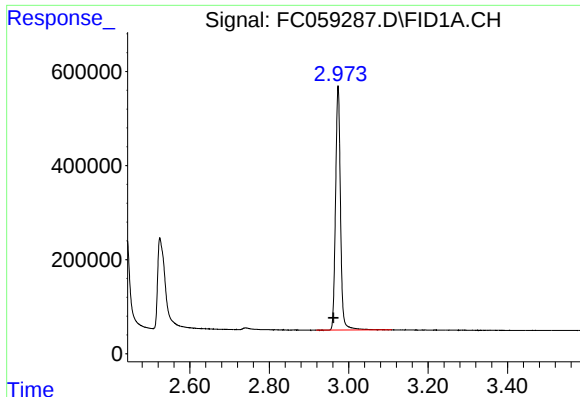
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#1 n-Nonane (C9)

R.T.: 2.973 min
Delta R.T.: 0.012 min
Response: 4477617
Conc: 36.54 ug/ml

Instrument :

FID_C

ClientSampleId :

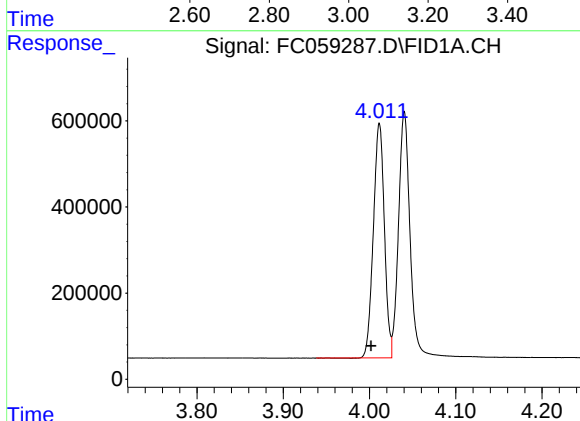
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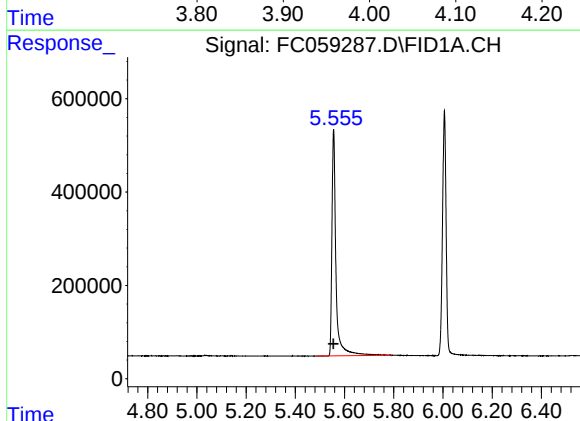
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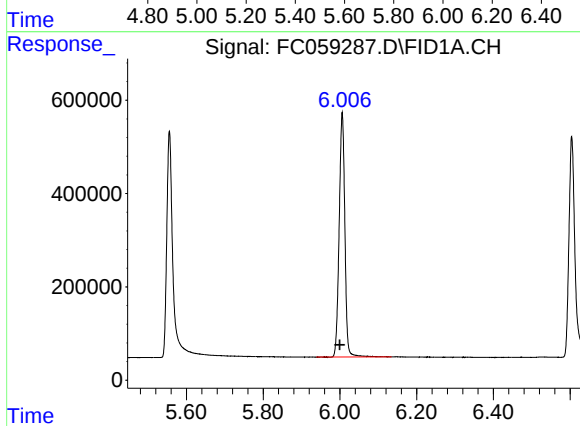
#2 n-Decane (C10)

R.T.: 4.011 min
Delta R.T.: 0.010 min
Response: 4837737
Conc: 39.48 ug/ml



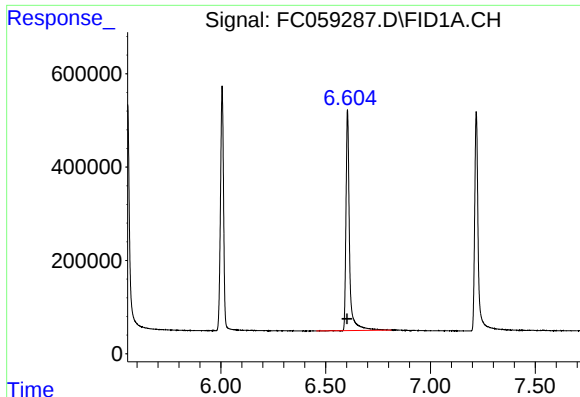
#3 A~Naphthalene (C11.7)

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 5572264
Conc: 44.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.006 min
Delta R.T.: 0.006 min
Response: 5386863
Conc: 42.17 ug/ml



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

R.T.: 6.604 min
Delta R.T.: 0.002 min
Response: 5542092
Conc: 43.23 ug/ml

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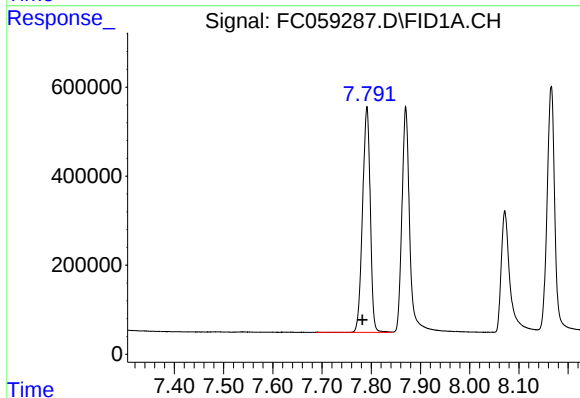
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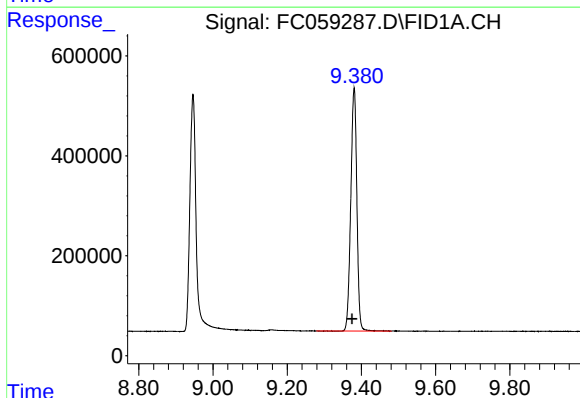
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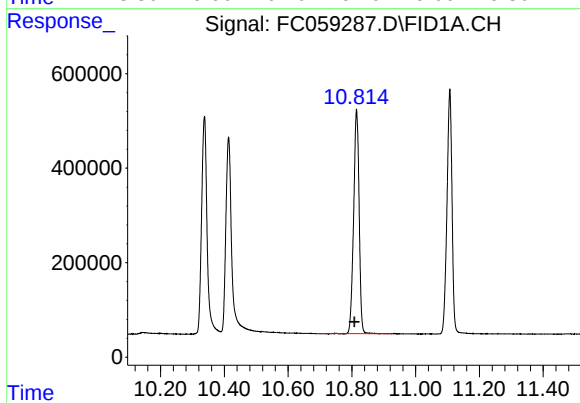
#6 n-Tetradecane (C14)

R.T.: 7.791 min
Delta R.T.: 0.008 min
Response: 5512605
Conc: 42.40 ug/ml



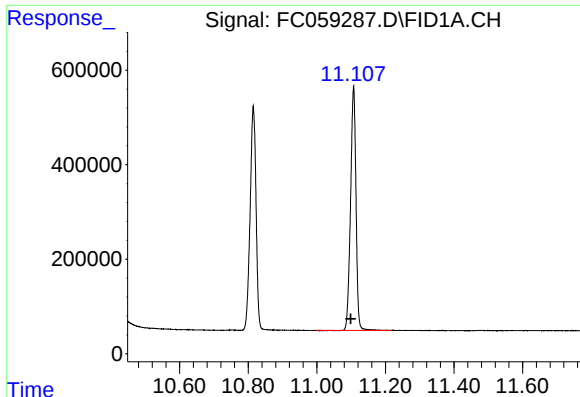
#7 n-Hexadecane (C16)

R.T.: 9.380 min
Delta R.T.: 0.005 min
Response: 5522955
Conc: 41.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.815 min
Delta R.T.: 0.006 min
Response: 5693072
Conc: 42.82 ug/ml



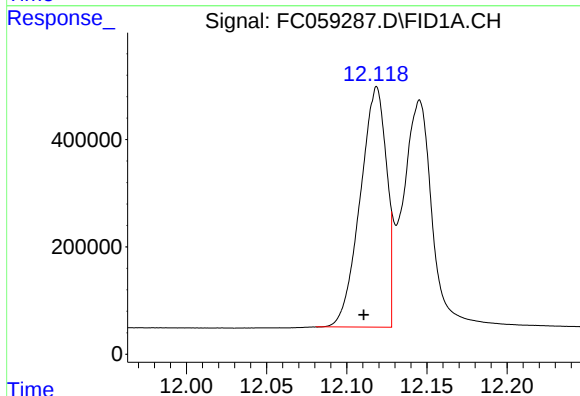
#9 ortho-Terphenyl (SURR)

R.T.: 11.107 min
Delta R.T.: 0.008 min
Response: 5686018
Conc: 39.46 ug/ml

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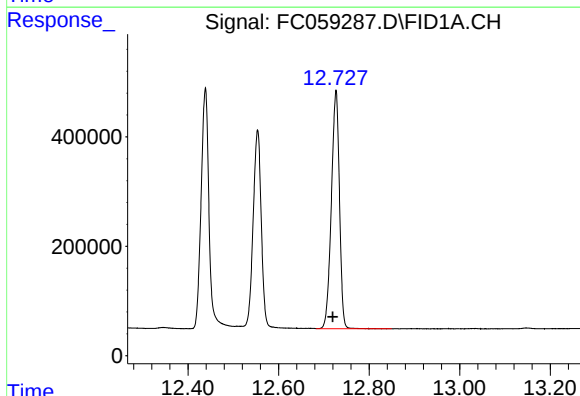
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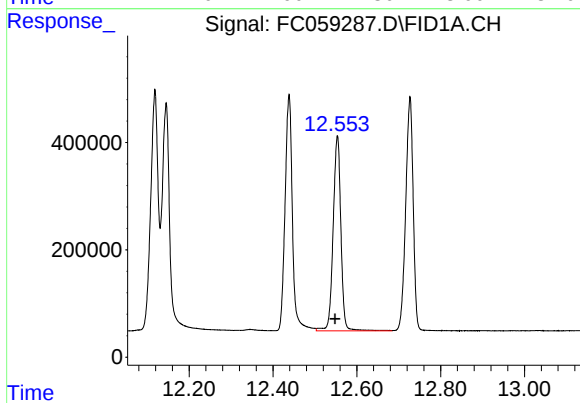
#10 n-Eicosane (C20)

R.T.: 12.118 min
Delta R.T.: 0.008 min
Response: 5111621
Conc: 39.01 ug/ml m



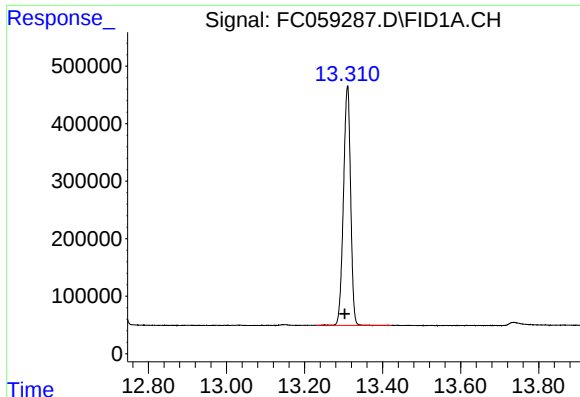
#11 n-Heneicosane (C21)

R.T.: 12.726 min
Delta R.T.: 0.007 min
Response: 5396309
Conc: 41.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.553 min
Delta R.T.: 0.005 min
Response: 4661951
Conc: 41.59 ug/ml



#13 n-Docosane (C22)

R.T.: 13.309 min
Delta R.T.: 0.007 min
Response: 5300548
Conc: 40.92 ug/ml

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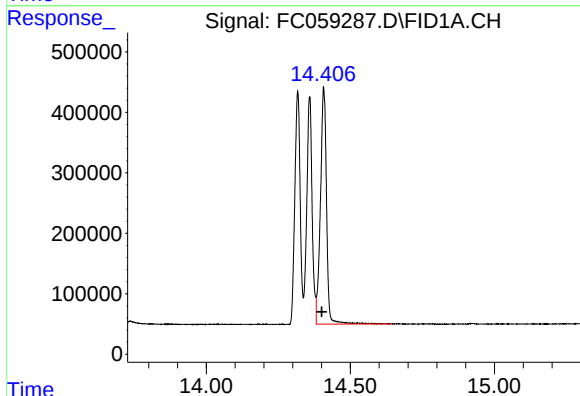
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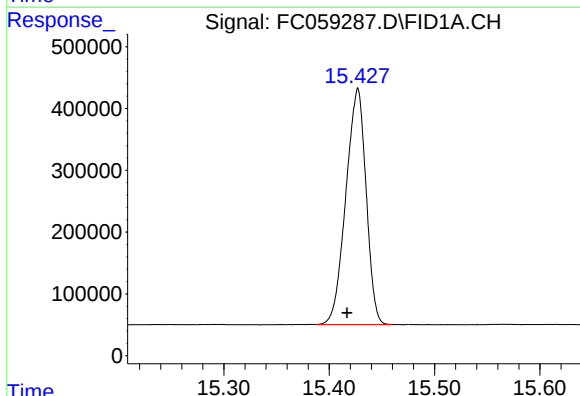
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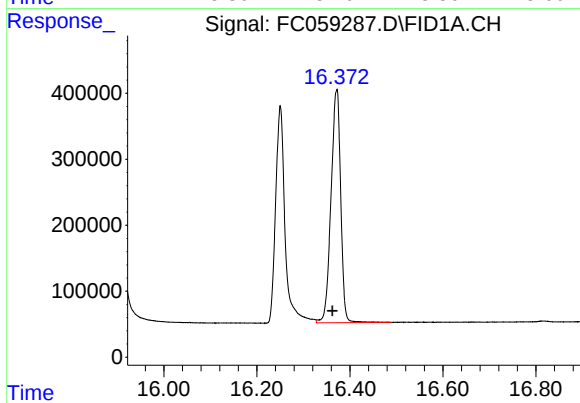
#14 n-Tetracosane (C24)

R.T.: 14.407 min
Delta R.T.: 0.006 min
Response: 5778724
Conc: 45.75 ug/ml



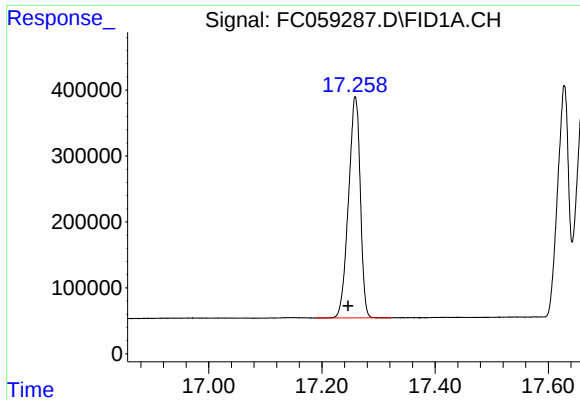
#15 n-Hexacosane (C26)

R.T.: 15.427 min
Delta R.T.: 0.010 min
Response: 5095675
Conc: 42.19 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.370 min
Delta R.T.: 0.008 min
Response: 5104727
Conc: 43.11 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.258 min
Delta R.T.: 0.012 min
Response: 4847447
Conc: 42.49 ug/ml

Instrument :

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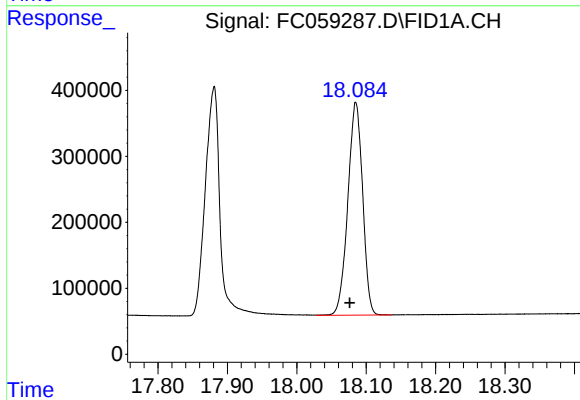
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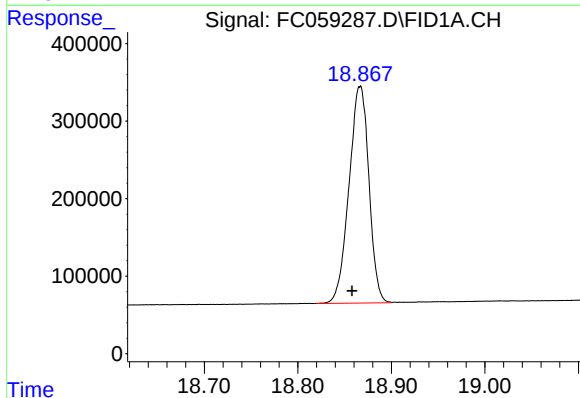
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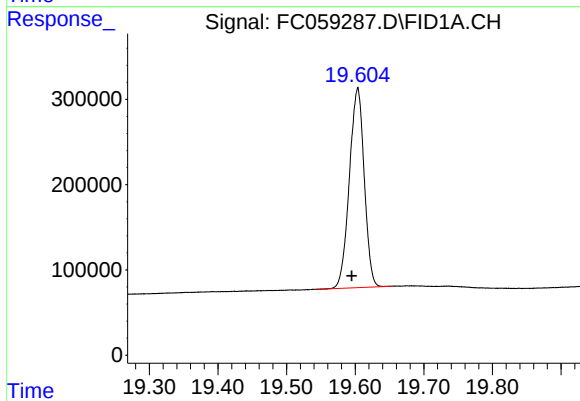
#18 n-Dotriacontane (C32)

R.T.: 18.085 min
Delta R.T.: 0.008 min
Response: 4769353
Conc: 44.52 ug/ml



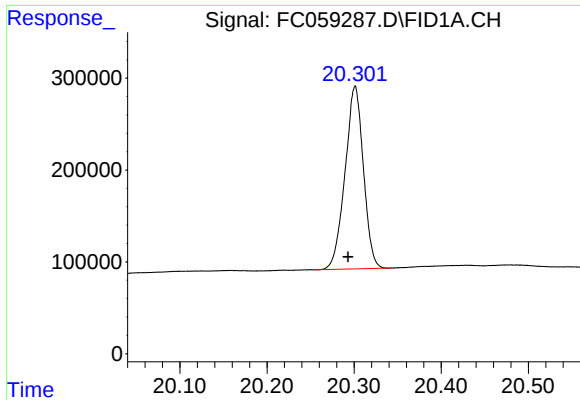
#19 n-Tetratriacontane (C34)

R.T.: 18.867 min
Delta R.T.: 0.009 min
Response: 4138180
Conc: 40.96 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.603 min
Delta R.T.: 0.008 min
Response: 3530959
Conc: 36.95 ug/ml



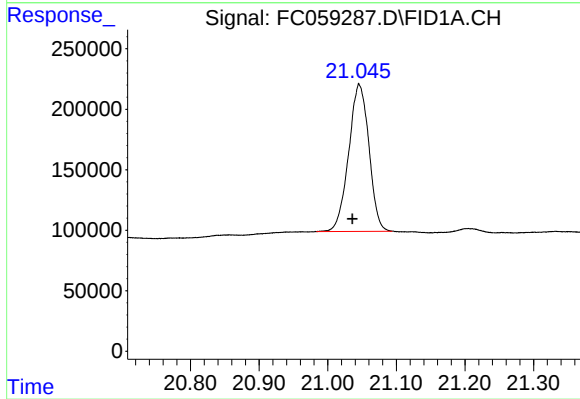
#21 n-Octatriacontane (C38)

R.T.: 20.301 min
Delta R.T.: 0.008 min
Response: 2909877
Conc: 31.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.046 min
Delta R.T.: 0.010 min
Response: 2496092
Conc: 26.86 ug/ml