

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040622AL\
 Data File : FC059098.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2022 2:02
 Operator : UA/NP
 Sample : PB143924BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143924BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2022
 Supervised By :mohammad ahmed 04/07/2022

Integration File: sample.E
 Quant Time: Apr 07 06:56:25 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)	11.102	5874220	40.770 ug/ml
Spiked Amount 50.000		Recovery =	81.54%
12) S 1-chlorooctadecane (S...	12.549	4786447	42.700 ug/ml
Spiked Amount 50.000		Recovery =	85.40%
Target Compounds			
1) T n-Nonane (C9)	2.974	4988640	40.708 ug/ml
2) T n-Decane (C10)	4.010	5104921	41.658 ug/ml
3) T A~Naphthalene (C11.7)	5.551	6027035	48.003 ug/ml
4) T n-Dodecane (C12)	6.003	5841412	45.733 ug/ml
5) T A~2-methylnaphthalene...	6.599	6176050	48.176 ug/ml
6) T n-Tetradecane (C14)	7.787	6392064	49.162 ug/ml
7) T n-Hexadecane (C16)	9.377	6635353	49.968 ug/ml
8) T n-Octadecane (C18)	10.811	6871407	51.682 ug/ml
10) T n-Eicosane (C20)	12.116	6554826	50.028 ug/mlm
11) T n-Heneicosane (C21)	12.723	6485445	49.705 ug/ml
13) T n-Docosane (C22)	13.306	6424756	49.595 ug/ml
14) T n-Tetracosane (C24)	14.403	6788588	53.739 ug/ml
15) T n-Hexacosane (C26)	15.422	5995157	49.632 ug/ml
16) T n-Octacosane (C28)	16.366	6045203	51.052 ug/ml
17) T n-Tricontane (C30)	17.253	5773326	50.609 ug/ml
18) T n-Dotriacontane (C32)	18.079	5718830	53.382 ug/ml
19) T n-Tetratriacontane (C34)	18.860	5710142	56.515 ug/ml
20) T n-Hexatriacontane (C36)	19.599	5741947	60.095 ug/ml
21) T n-Octatriacontane (C38)	20.297	5713504	62.091 ug/ml
22) T n-Tetracontane (C40)	21.042	5792745	62.328 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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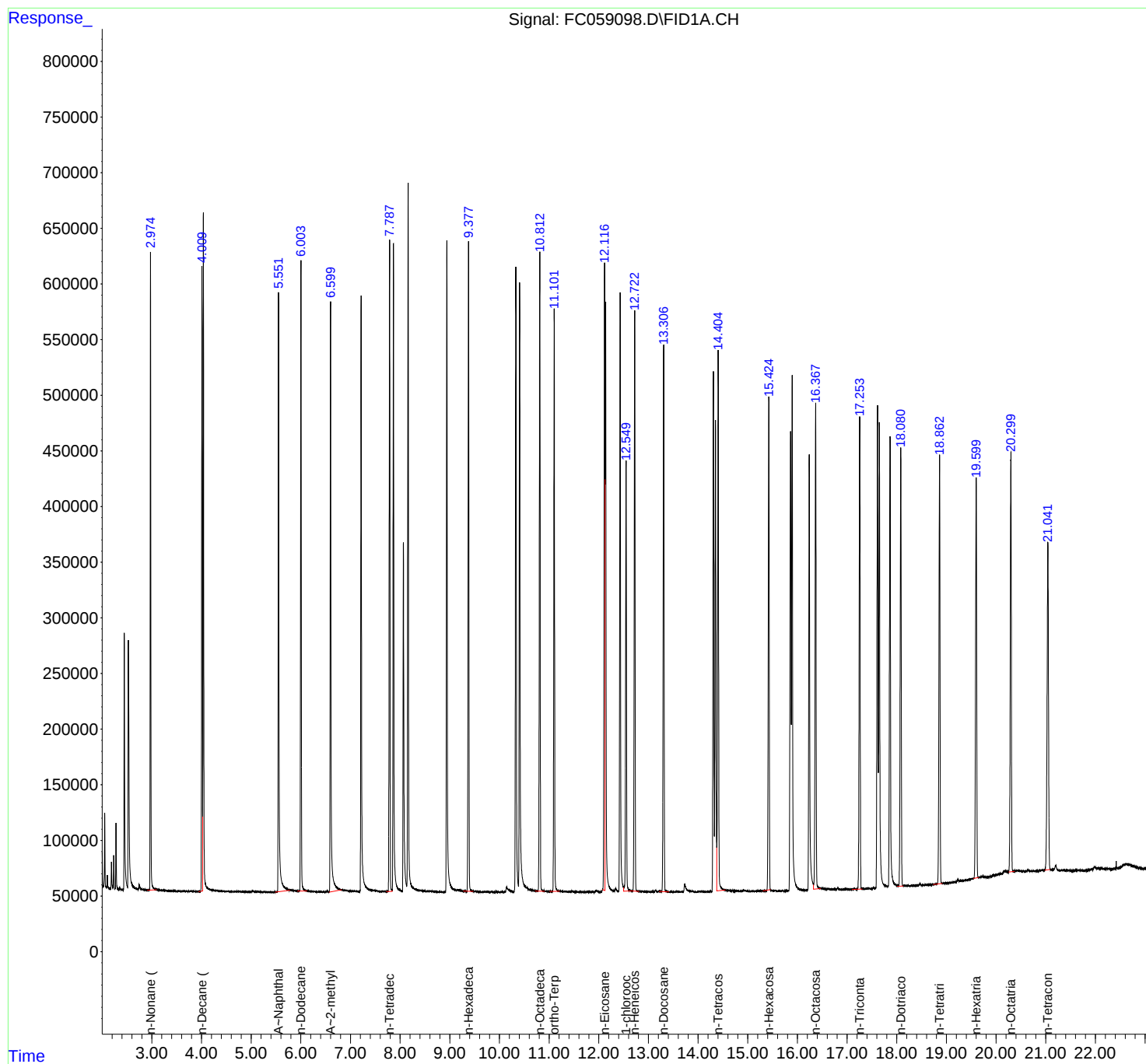
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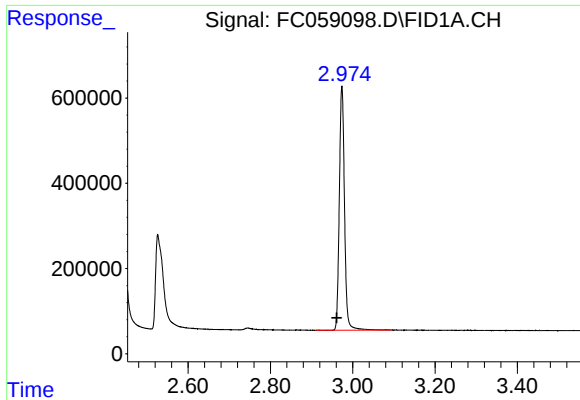
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#1 n-Nonane (C9)

R.T.: 2.974 min
Delta R.T.: 0.013 min
Response: 4988640
Conc: 40.71 ug/ml

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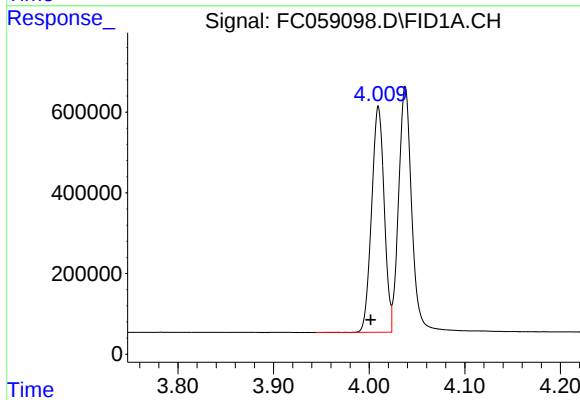
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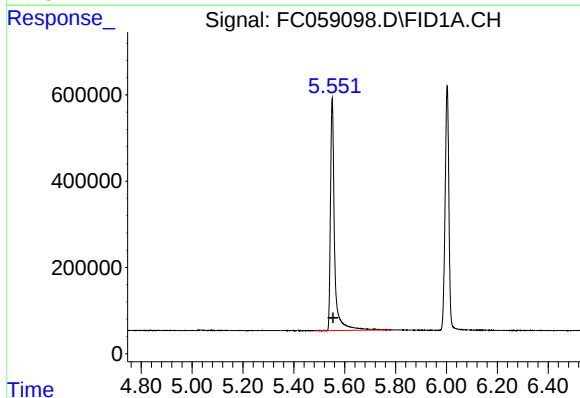
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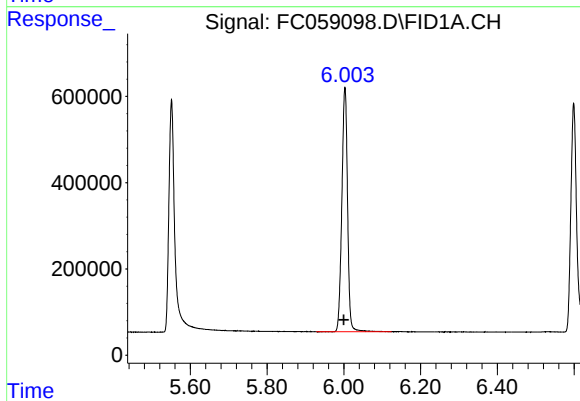
#2 n-Decane (C10)

R.T.: 4.010 min
Delta R.T.: 0.008 min
Response: 5104921
Conc: 41.66 ug/ml



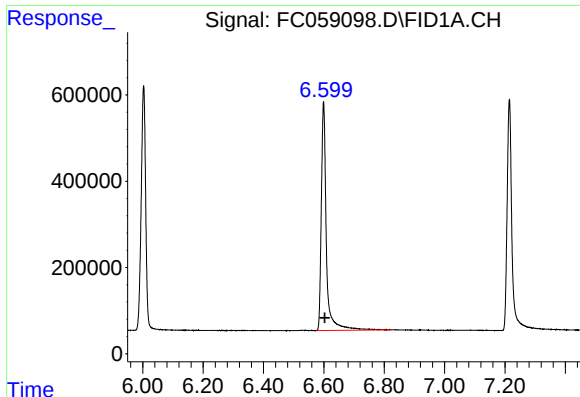
#3 A~Naphthalene (C11.7)

R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 6027035
Conc: 48.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 5841412
Conc: 45.73 ug/ml



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

R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 6176050
Conc: 48.18 ug/ml

Instrument :

FID_C

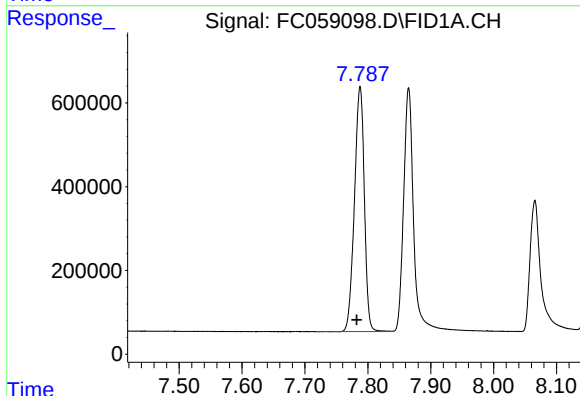
ClientSampleId :

PB143924BSD

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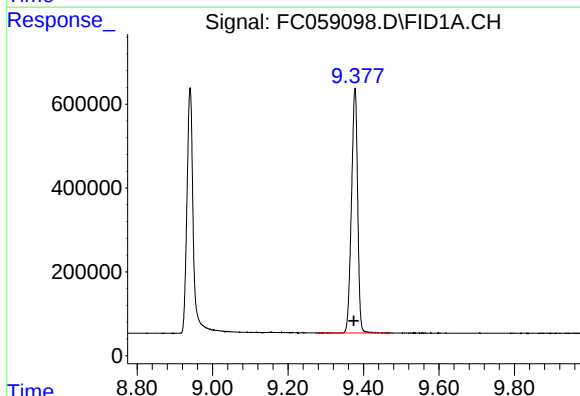
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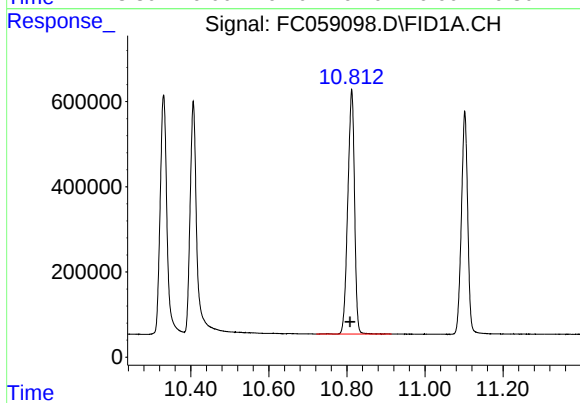
#6 n-Tetradecane (C14)

R.T.: 7.787 min
Delta R.T.: 0.005 min
Response: 6392064
Conc: 49.16 ug/ml



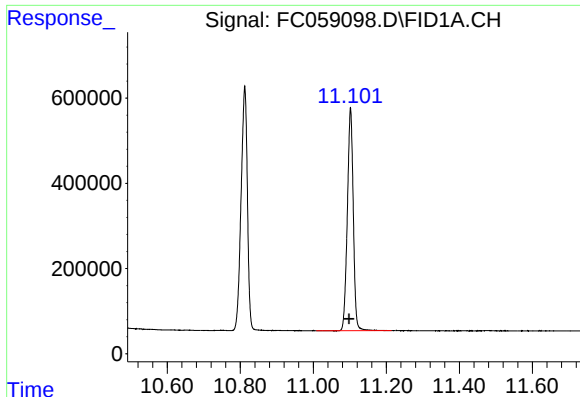
#7 n-Hexadecane (C16)

R.T.: 9.377 min
Delta R.T.: 0.002 min
Response: 6635353
Conc: 49.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.811 min
Delta R.T.: 0.003 min
Response: 6871407
Conc: 51.68 ug/ml



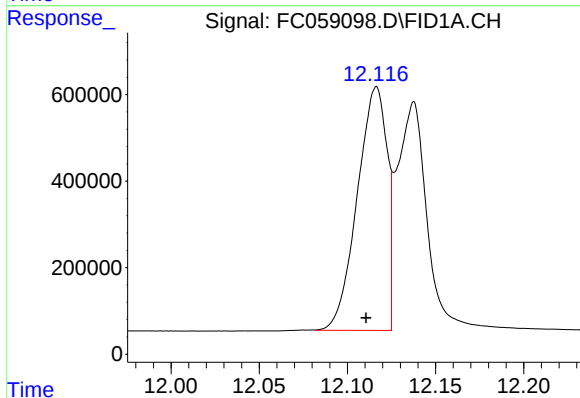
#9 ortho-Terphenyl (SURR)

R.T.: 11.102 min
Delta R.T.: 0.003 min
Response: 5874220
Conc: 40.77 ug/ml

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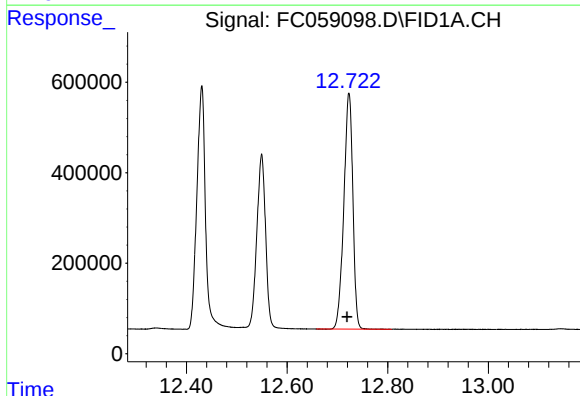
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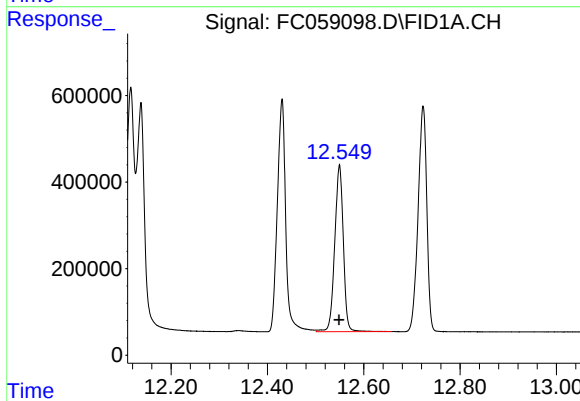
#10 n-Eicosane (C20)

R.T.: 12.116 min
Delta R.T.: 0.006 min
Response: 6554826
Conc: 50.03 ug/ml m



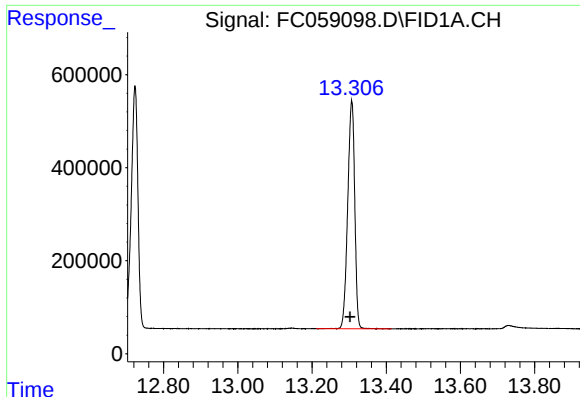
#11 n-Heneicosane (C21)

R.T.: 12.723 min
Delta R.T.: 0.003 min
Response: 6485445
Conc: 49.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.549 min
Delta R.T.: 0.000 min
Response: 4786447
Conc: 42.70 ug/ml



#13 n-Docosane (C22)

R.T.: 13.306 min
Delta R.T.: 0.004 min
Response: 6424756
Conc: 49.59 ug/ml

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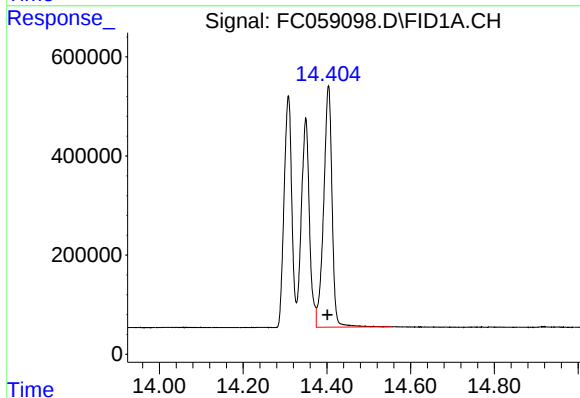
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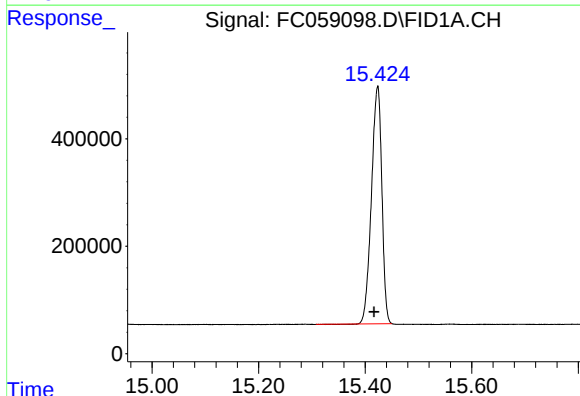
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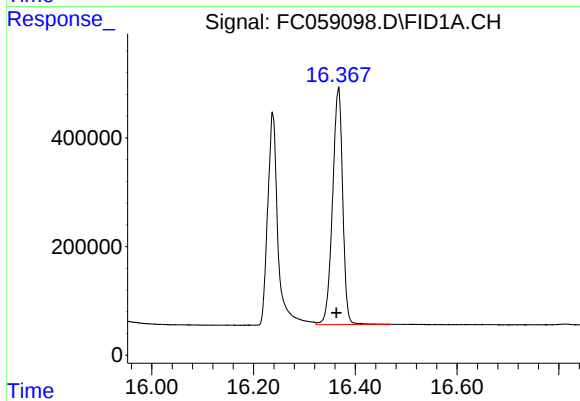
#14 n-Tetracosane (C24)

R.T.: 14.403 min
Delta R.T.: 0.002 min
Response: 6788588
Conc: 53.74 ug/ml



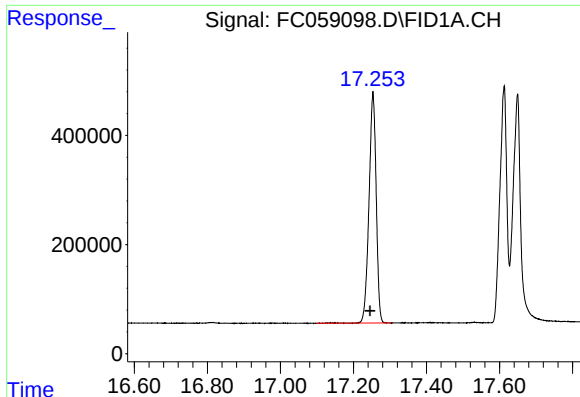
#15 n-Hexacosane (C26)

R.T.: 15.422 min
Delta R.T.: 0.005 min
Response: 5995157
Conc: 49.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.366 min
Delta R.T.: 0.003 min
Response: 6045203
Conc: 51.05 ug/ml



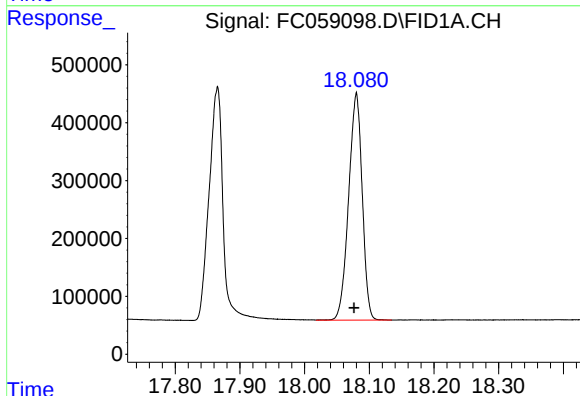
#17 n-Tricontane (C30)

R.T.: 17.253 min
Delta R.T.: 0.007 min
Response: 5773326
Conc: 50.61 ug/ml

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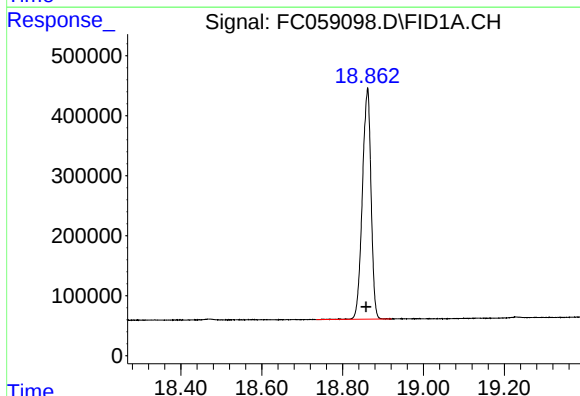
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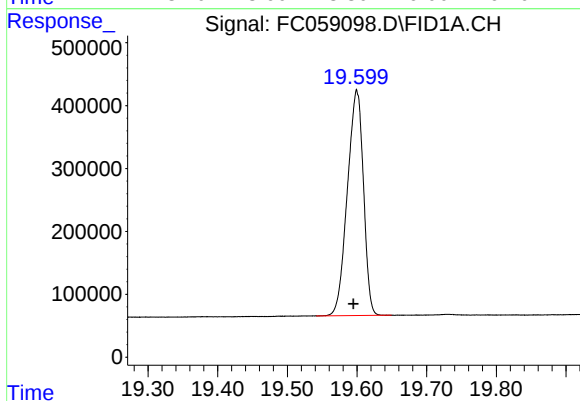
#18 n-Dotriacontane (C32)

R.T.: 18.079 min
Delta R.T.: 0.003 min
Response: 5718830
Conc: 53.38 ug/ml



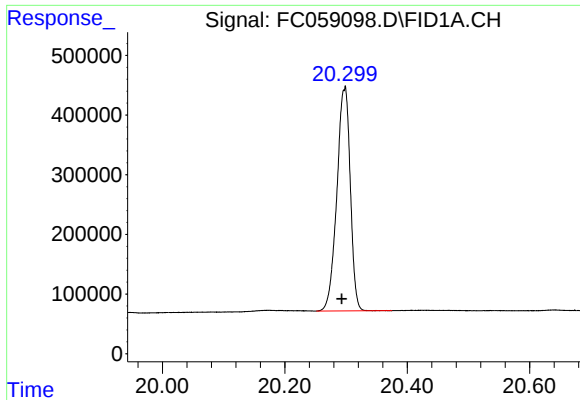
#19 n-Tetratriacontane (C34)

R.T.: 18.860 min
Delta R.T.: 0.002 min
Response: 5710142
Conc: 56.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.599 min
Delta R.T.: 0.004 min
Response: 5741947
Conc: 60.09 ug/ml



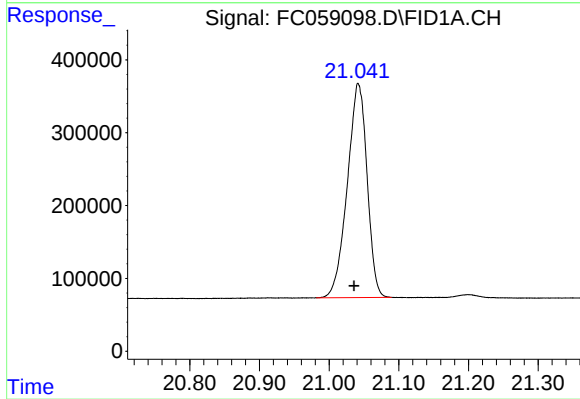
#21 n-Octatriacontane (C38)

R.T.: 20.297 min
Delta R.T.: 0.004 min
Response: 5713504
Conc: 62.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.042 min
Delta R.T.: 0.006 min
Response: 5792745
Conc: 62.33 ug/ml