

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042522AL\
 Data File : FC059408.D
 Signal(s) : FID1A.CH
 Acq On : 25 Apr 2022 16:48
 Operator : UA/NP
 Sample : N2526-09MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-5D-EPHMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: sample.E
 Quant Time: Apr 26 02:16:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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	6467482	40.248 ug/ml
Spiked Amount 50.000		Recovery =	80.50%
12) S 1-chlorooctadecane (S...	12.548	5266688	40.332 ug/ml
Spiked Amount 50.000		Recovery =	80.66%
Target Compounds			
1) T n-Nonane (C9)	2.967	4158830	33.183 ug/ml
2) T n-Decane (C10)	4.007	4679847	37.459 ug/ml
3) T A~Naphthalene (C11.7)	5.552	5558924	45.317 ug/ml
4) T n-Dodecane (C12)	6.002	5258611	39.878 ug/ml
5) T A~2-methylnaphthalene...	6.600	5623148	44.555 ug/ml
6) T n-Tetradecane (C14)	7.786	5787774	42.789 ug/ml
7) T n-Hexadecane (C16)	9.376	6414367	45.672 ug/ml
8) T n-Octadecane (C18)	10.811	7002727	47.939 ug/ml
10) T n-Eicosane (C20)	12.114	6673564	44.499 ug/mlm
11) T n-Heneicosane (C21)	12.720	6723512	44.201 ug/ml
13) T n-Docosane (C22)	13.304	6615075	43.173 ug/ml
14) T n-Tetracosane (C24)	14.400	6943108	44.840 ug/ml
15) T n-Hexacosane (C26)	15.418	6007322	38.978 ug/mlm
16) T n-Octacosane (C28)	16.362	5802393	37.482 ug/ml
17) T n-Tricontane (C30)	17.248	5309568	34.957 ug/mlm
18) T n-Dotriacontane (C32)	18.074	5227402	37.100 ug/ml
19) T n-Tetratriacontane (C34)	18.855	4880284	38.614 ug/ml
20) T n-Hexatriacontane (C36)	19.592	4690480	42.883 ug/ml
21) T n-Octatriacontane (C38)	20.290	4570546	49.076 ug/ml
22) T n-Tetracontane (C40)	21.035	5084370	60.870 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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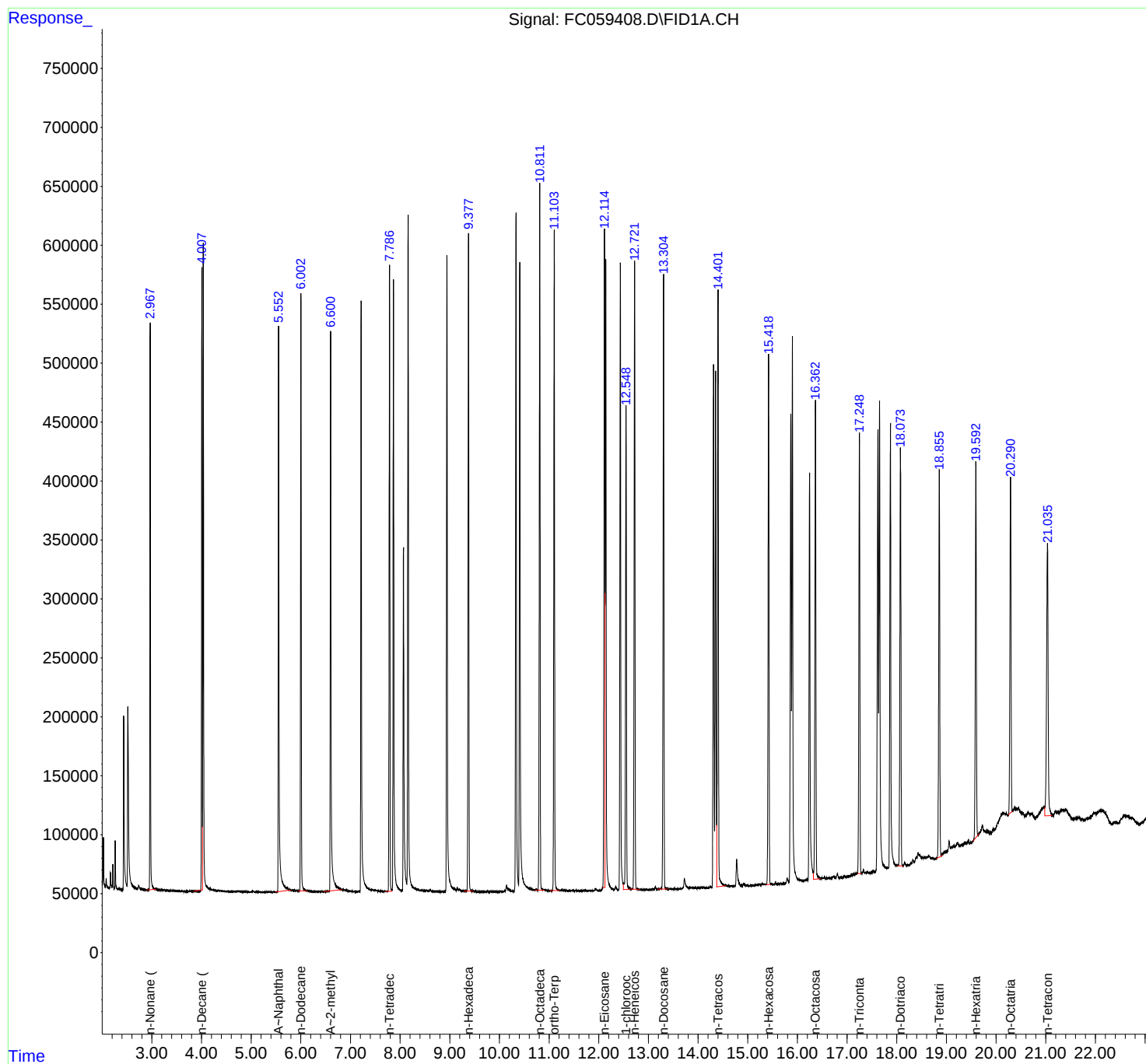
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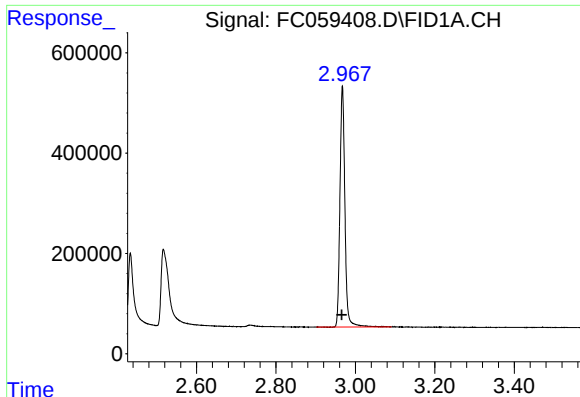
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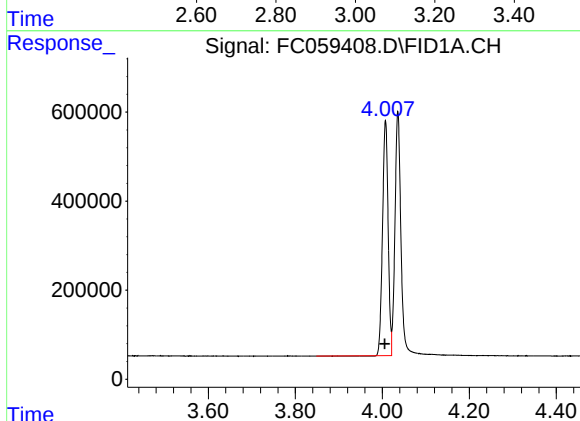
#1 n-Nonane (C9)

R.T.: 2.967 min
Delta R.T.: 0.001 min
Response: 4158830
Conc: 33.18 ug/ml

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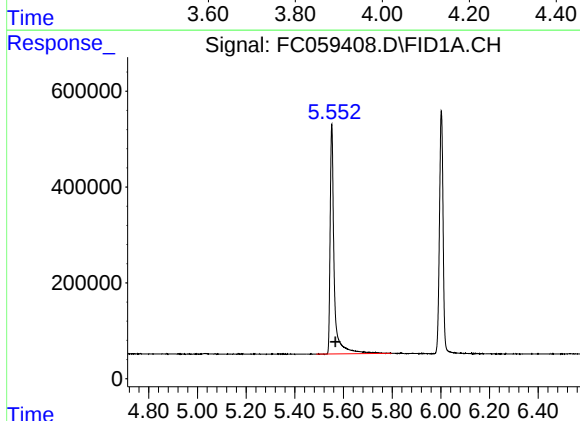
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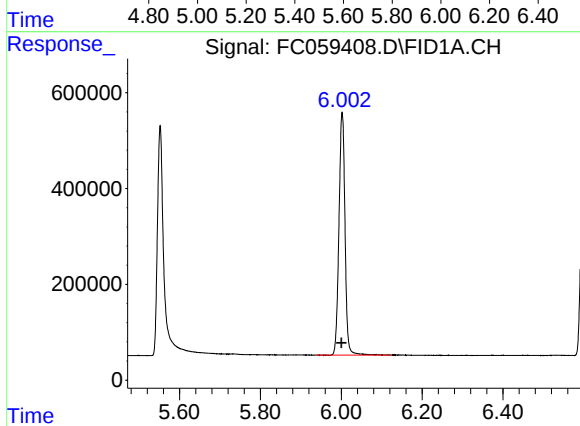
#2 n-Decane (C10)

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 4679847
Conc: 37.46 ug/ml



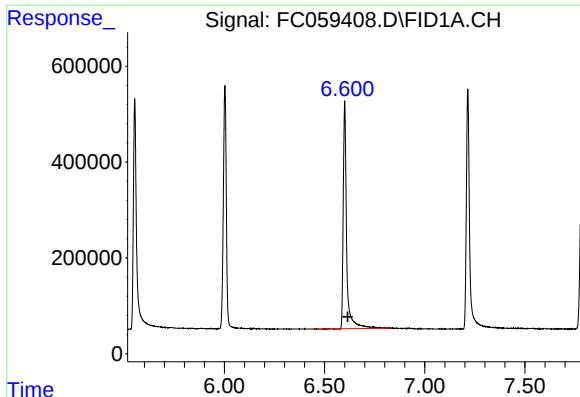
#3 A~Naphthalene (C11.7)

R.T.: 5.552 min
Delta R.T.: -0.015 min
Response: 5558924
Conc: 45.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.002 min
Delta R.T.: 0.001 min
Response: 5258611
Conc: 39.88 ug/ml



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

R.T.: 6.600 min
Delta R.T.: -0.015 min
Response: 5623148
Conc: 44.56 ug/ml

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FID_C

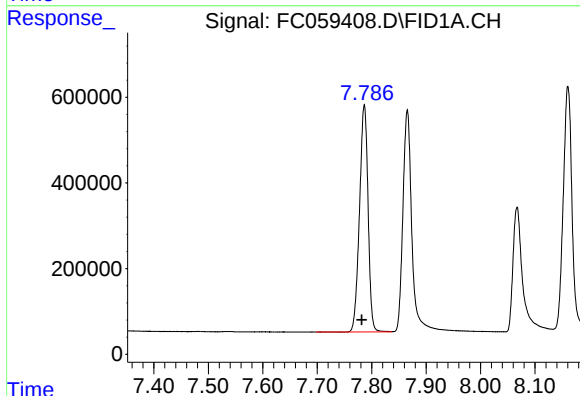
ClientSampleId :

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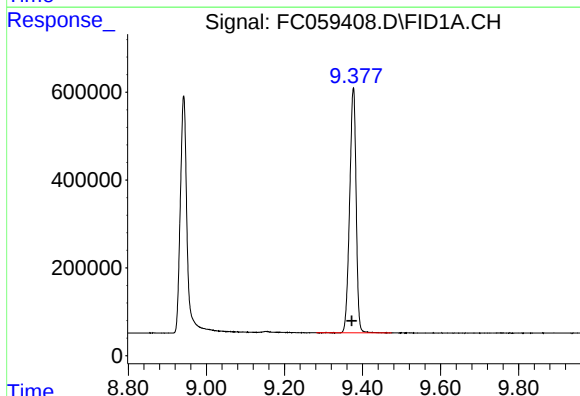
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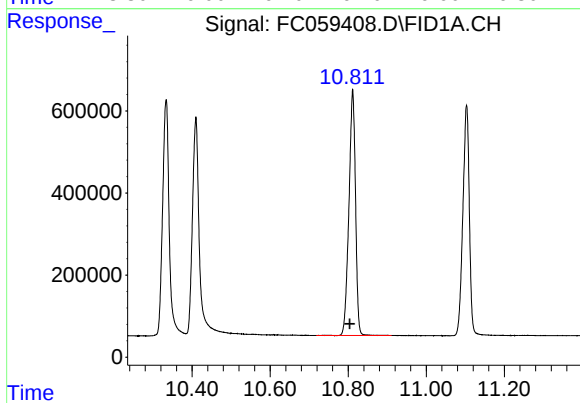
#6 n-Tetradecane (C14)

R.T.: 7.786 min
Delta R.T.: 0.005 min
Response: 5787774
Conc: 42.79 ug/ml



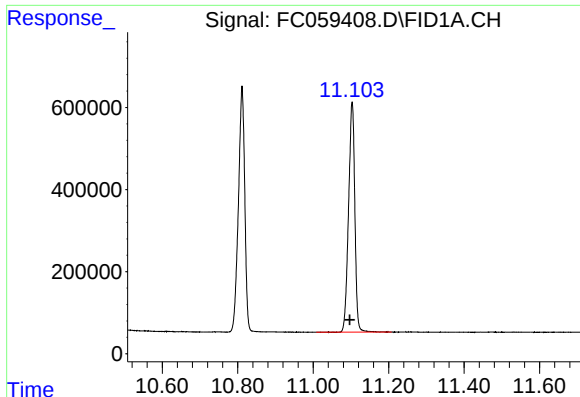
#7 n-Hexadecane (C16)

R.T.: 9.376 min
Delta R.T.: 0.004 min
Response: 6414367
Conc: 45.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.811 min
Delta R.T.: 0.006 min
Response: 7002727
Conc: 47.94 ug/ml



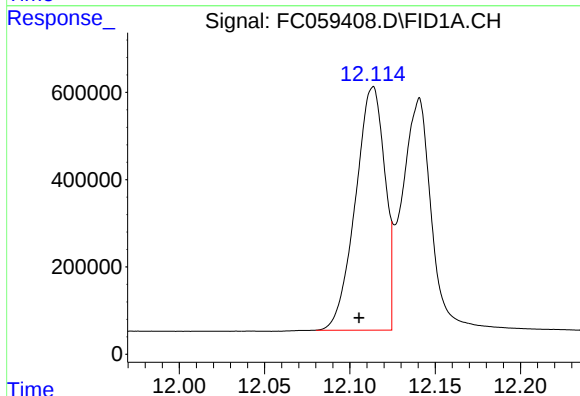
#9 ortho-Terphenyl (SURR)

R.T.: 11.102 min
Delta R.T.: 0.005 min
Response: 6467482
Conc: 40.25 ug/ml

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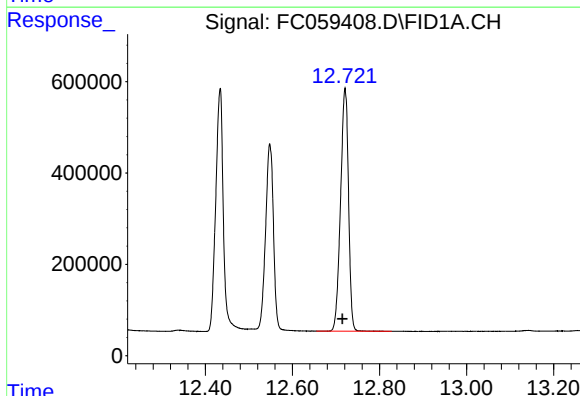
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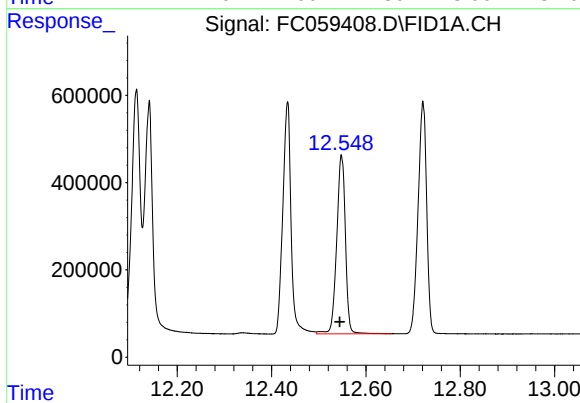
#10 n-Eicosane (C20)

R.T.: 12.114 min
Delta R.T.: 0.008 min
Response: 6673564
Conc: 44.50 ug/ml m



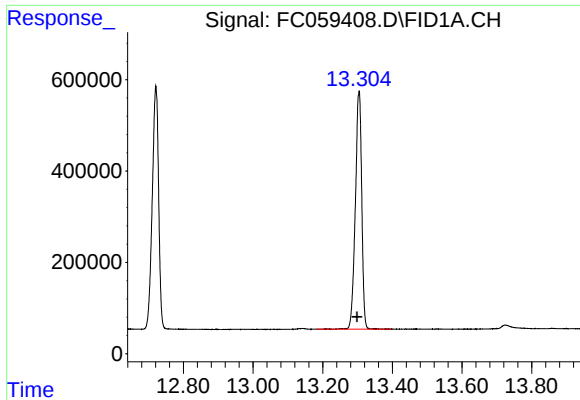
#11 n-Heneicosane (C21)

R.T.: 12.720 min
Delta R.T.: 0.006 min
Response: 6723512
Conc: 44.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.548 min
Delta R.T.: 0.003 min
Response: 5266688
Conc: 40.33 ug/ml



#13 n-Docosane (C22)

R.T.: 13.304 min
Delta R.T.: 0.005 min
Response: 6615075
Conc: 43.17 ug/ml

Instrument :

FID_C

ClientSampleId :

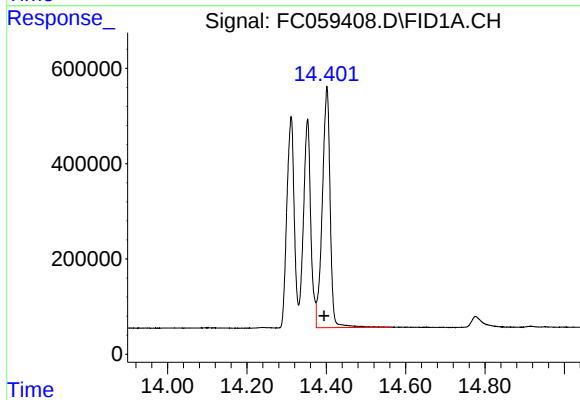
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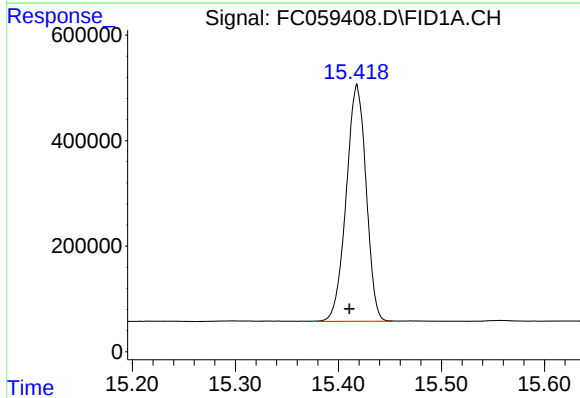
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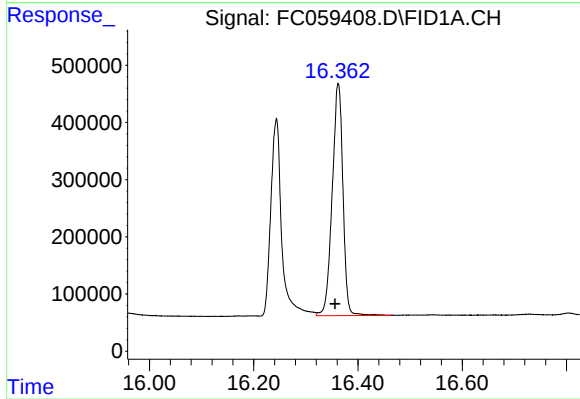
#14 n-Tetracosane (C24)

R.T.: 14.400 min
Delta R.T.: 0.006 min
Response: 6943108
Conc: 44.84 ug/ml



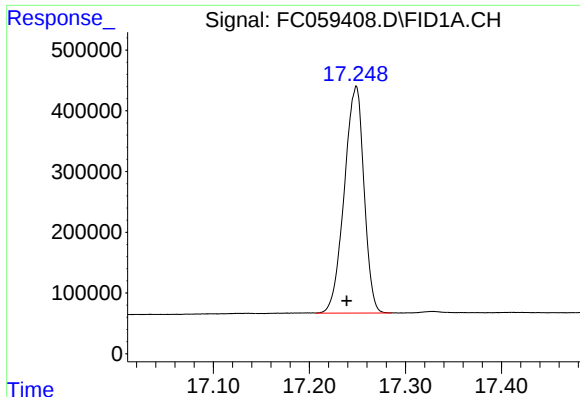
#15 n-Hexacosane (C26)

R.T.: 15.418 min
Delta R.T.: 0.007 min
Response: 6007322
Conc: 38.98 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.362 min
Delta R.T.: 0.006 min
Response: 5802393
Conc: 37.48 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.248 min
Delta R.T.: 0.009 min
Response: 5309568
Conc: 34.96 ug/ml

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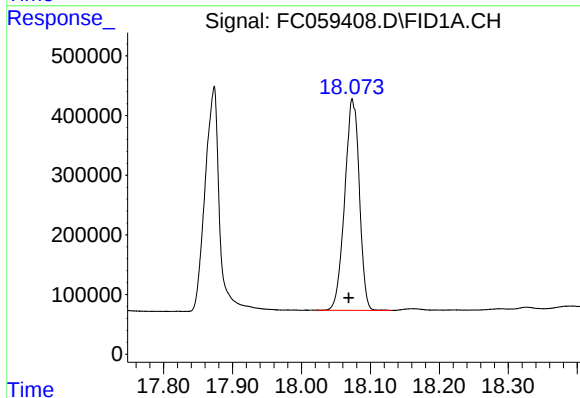
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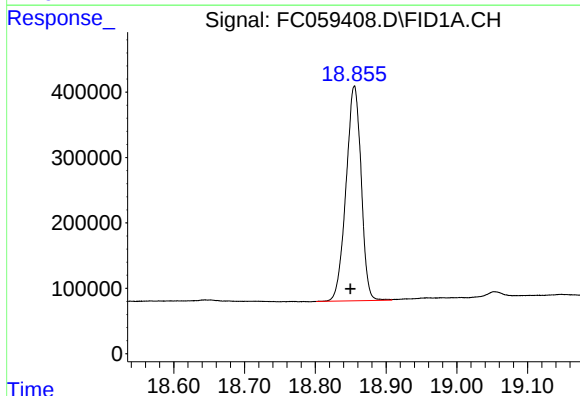
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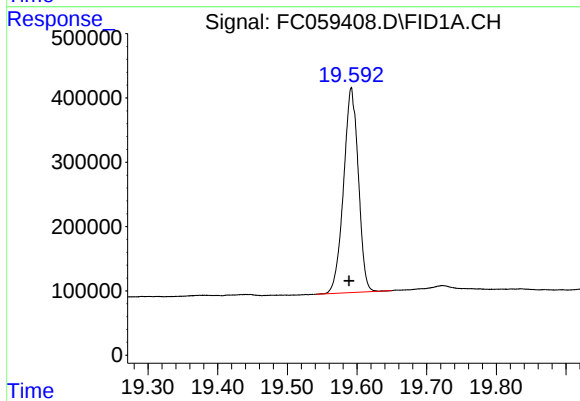
#18 n-Dotriacontane (C32)

R.T.: 18.074 min
Delta R.T.: 0.006 min
Response: 5227402
Conc: 37.10 ug/ml



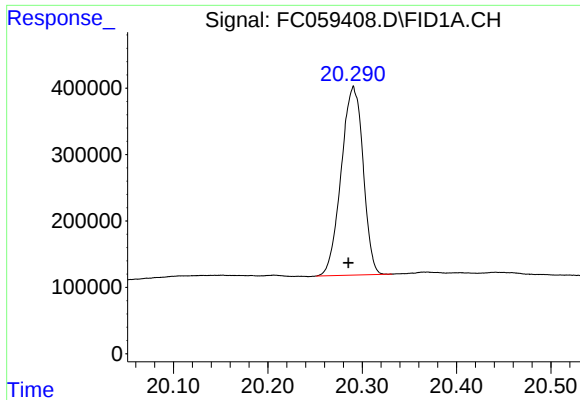
#19 n-Tetratriacontane (C34)

R.T.: 18.855 min
Delta R.T.: 0.005 min
Response: 4880284
Conc: 38.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.592 min
Delta R.T.: 0.004 min
Response: 4690480
Conc: 42.88 ug/ml



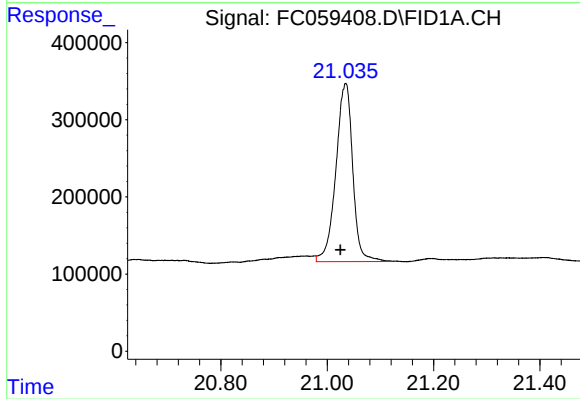
#21 n-Octatriacontane (C38)

R.T.: 20.290 min
Delta R.T.: 0.005 min
Response: 4570546
Conc: 49.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: 0.011 min
Response: 5084370
Conc: 60.87 ug/ml m