

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059377.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2022 4:16
 Operator : UA/NP
 Sample : PB144264BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144264BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E
 Quant Time: Apr 23 05:20:24 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)	11.099	7313154	45.511 ug/ml
Spiked Amount 50.000		Recovery =	91.02%
12) S 1-chlorooctadecane (S...	12.544	6263732	47.967 ug/ml
Spiked Amount 50.000		Recovery =	95.93%
Target Compounds			
1) T n-Nonane (C9)	2.975	5189180	41.404 ug/ml
2) T n-Decane (C10)	4.009	5253163	42.048 ug/ml
3) T A~Naphthalene (C11.7)	5.551	6036460	49.210 ug/ml
4) T n-Dodecane (C12)	6.000	5574416	42.273 ug/ml
5) T A~2-methylnaphthalene...	6.598	6037710	47.840 ug/ml
6) T n-Tetradecane (C14)	7.783	5967014	44.114 ug/ml
7) T n-Hexadecane (C16)	9.372	6524799	46.459 ug/ml
8) T n-Octadecane (C18)	10.807	7285926	49.877 ug/ml
10) T n-Eicosane (C20)	12.109	7370801	49.148 ug/ml
11) T n-Heneicosane (C21)	12.716	7359377	48.382 ug/ml
13) T n-Docosane (C22)	13.299	7340425	47.907 ug/ml
14) T n-Tetracosane (C24)	14.397	8591937	55.488 ug/ml
15) T n-Hexacosane (C26)	15.414	7049789	45.742 ug/ml
16) T n-Octacosane (C28)	16.358	7044516	45.506 ug/ml
17) T n-Tricontane (C30)	17.243	6157945	40.543 ug/ml
18) T n-Dotriacontane (C32)	18.069	5860391	41.592 ug/ml
19) T n-Tetratriacontane (C34)	18.849	5127593	40.570 ug/ml
20) T n-Hexatriacontane (C36)	19.585	4753570	43.460 ug/ml
21) T n-Octatriacontane (C38)	20.281	4467879	47.974 ug/mlm
22) T n-Tetracontane (C40)	21.021	4323287	51.759 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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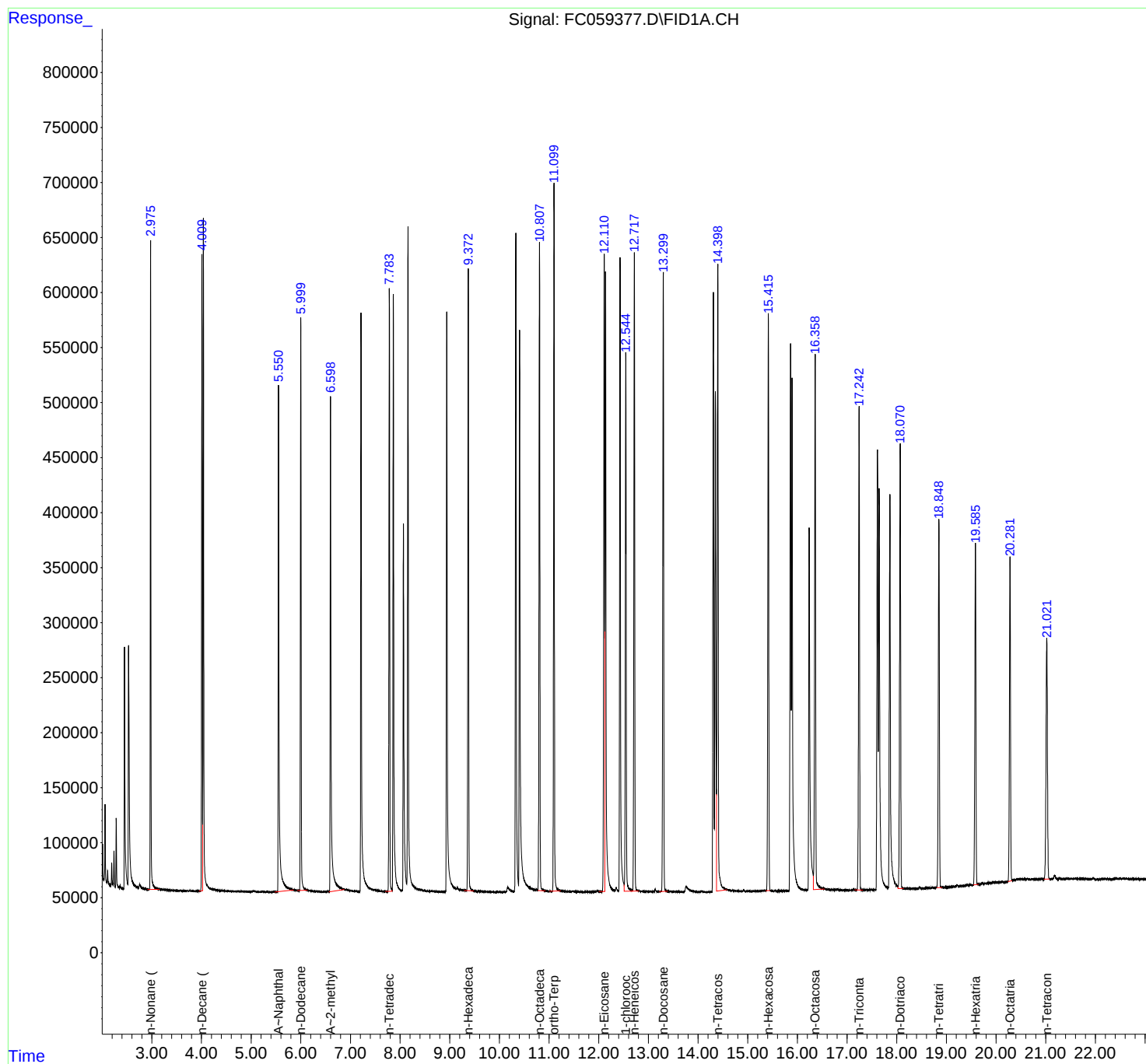
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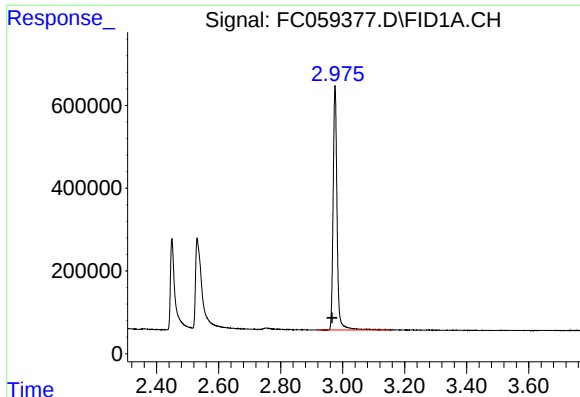
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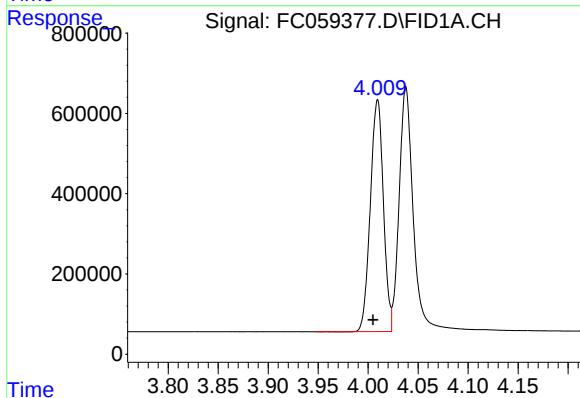
#1 n-Nonane (C9)

R.T.: 2.975 min
Delta R.T.: 0.009 min
Response: 5189180
Conc: 41.40 ug/ml

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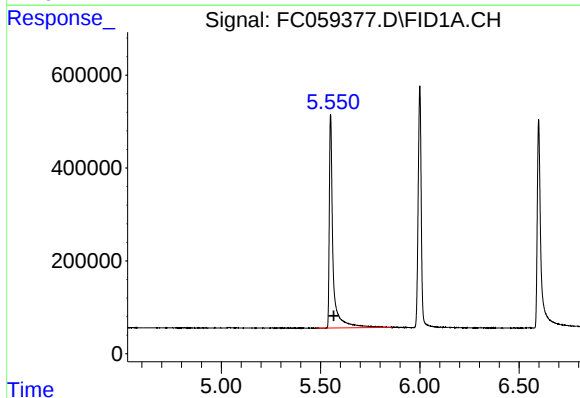
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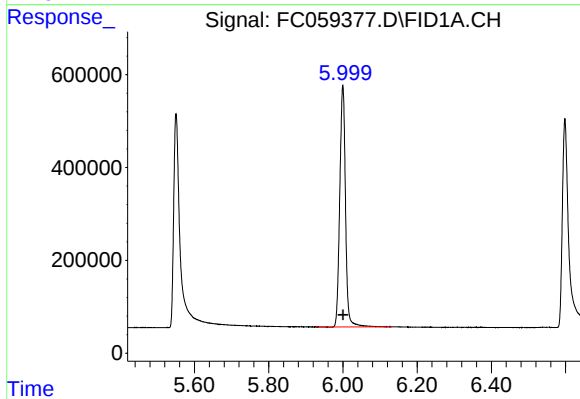
#2 n-Decane (C10)

R.T.: 4.009 min
Delta R.T.: 0.004 min
Response: 5253163
Conc: 42.05 ug/ml



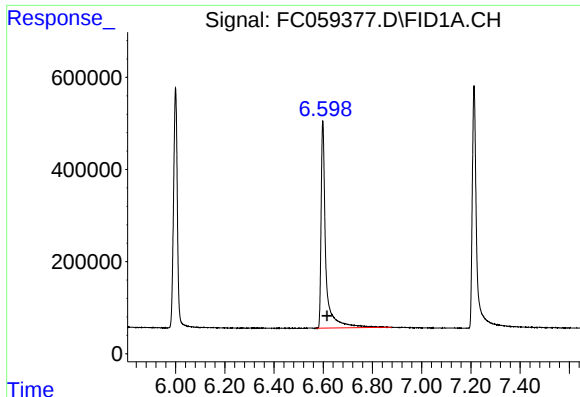
#3 A~Naphthalene (C11.7)

R.T.: 5.551 min
Delta R.T.: -0.016 min
Response: 6036460
Conc: 49.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 5574416
Conc: 42.27 ug/ml



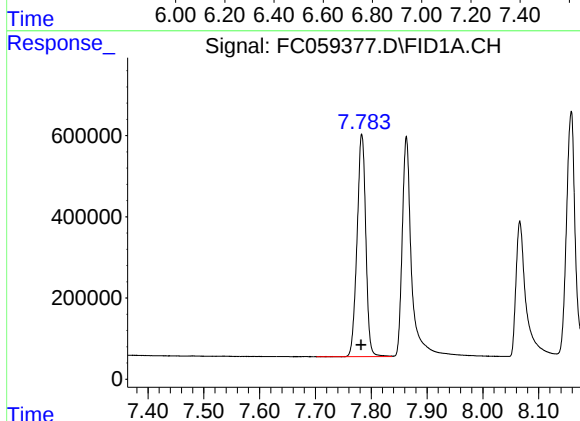
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 6037710
Conc: 47.84 ug/ml

Instrument :
FID_C
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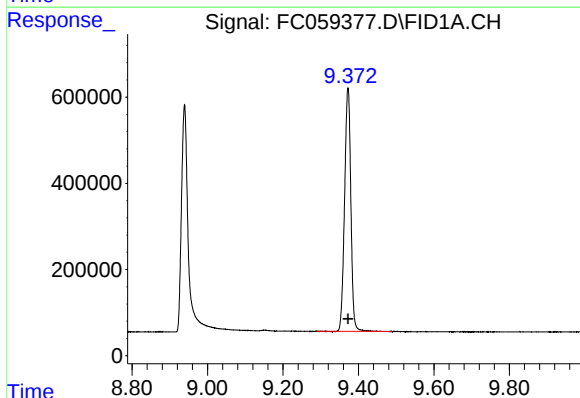
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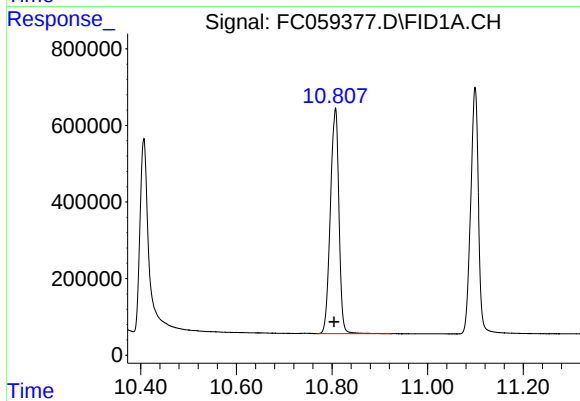
#6 n-Tetradecane (C14)

R.T.: 7.783 min
Delta R.T.: 0.001 min
Response: 5967014
Conc: 44.11 ug/ml



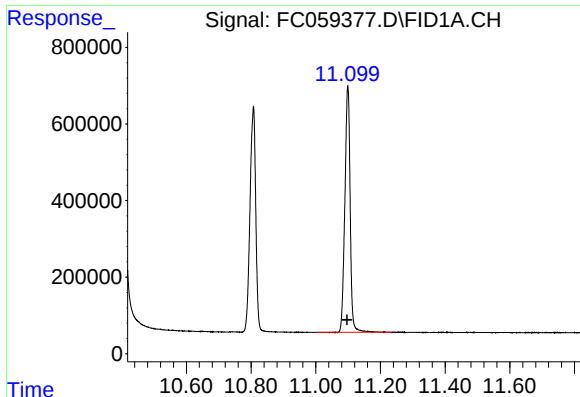
#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 6524799
Conc: 46.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.807 min
Delta R.T.: 0.002 min
Response: 7285926
Conc: 49.88 ug/ml



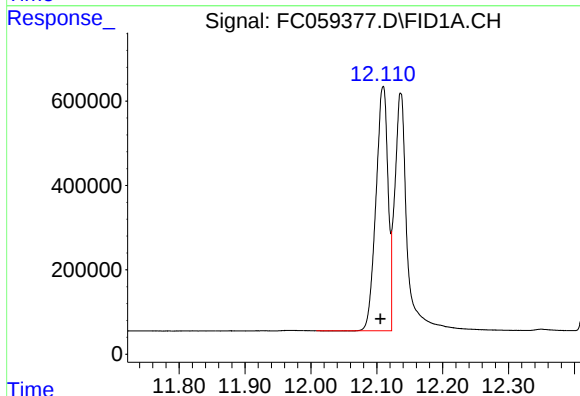
#9 ortho-Terphenyl (SURR)

R.T.: 11.099 min
Delta R.T.: 0.002 min
Response: 7313154
Conc: 45.51 ug/ml

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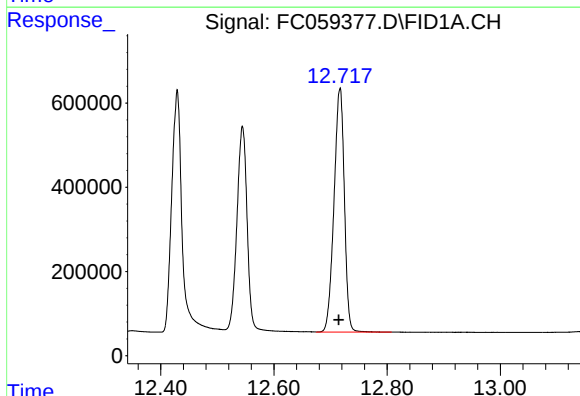
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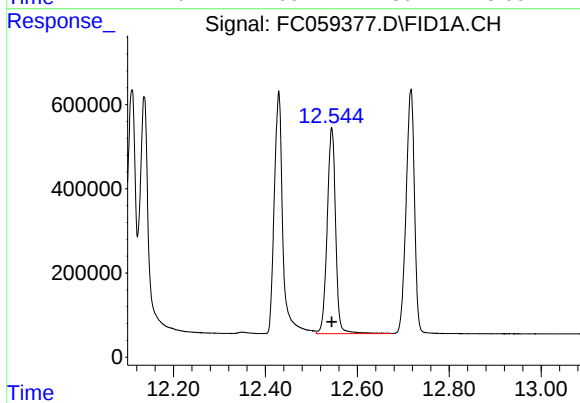
#10 n-Eicosane (C20)

R.T.: 12.109 min
Delta R.T.: 0.004 min
Response: 7370801
Conc: 49.15 ug/ml



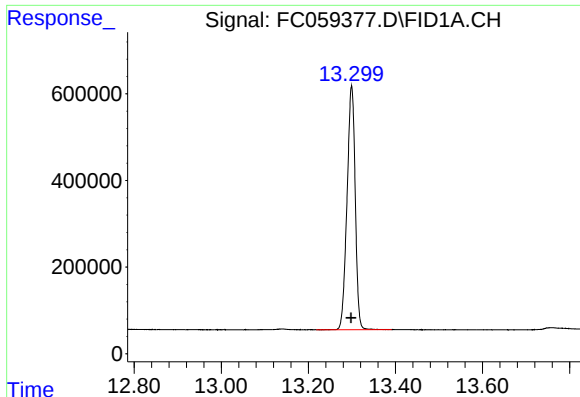
#11 n-Heneicosane (C21)

R.T.: 12.716 min
Delta R.T.: 0.002 min
Response: 7359377
Conc: 48.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.544 min
Delta R.T.: 0.000 min
Response: 6263732
Conc: 47.97 ug/ml



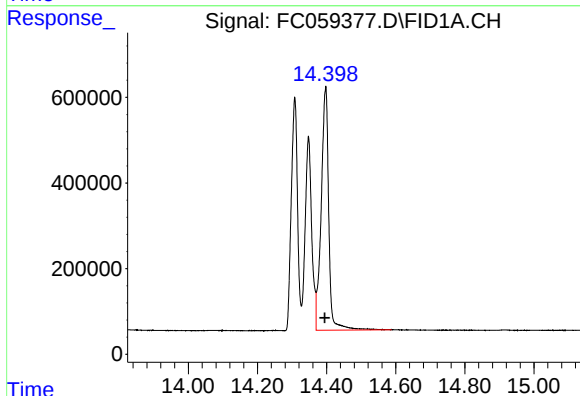
#13 n-Docosane (C22)

R.T.: 13.299 min
Delta R.T.: 0.001 min
Response: 7340425
Conc: 47.91 ug/ml

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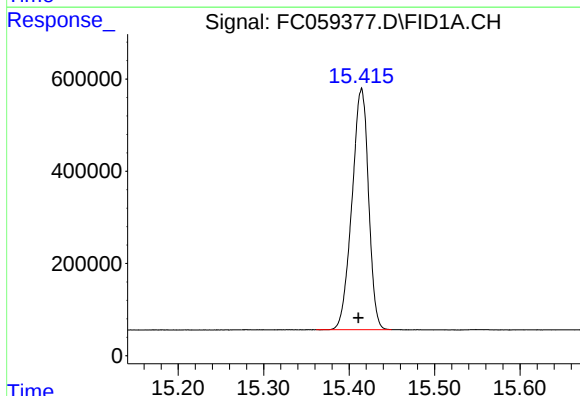
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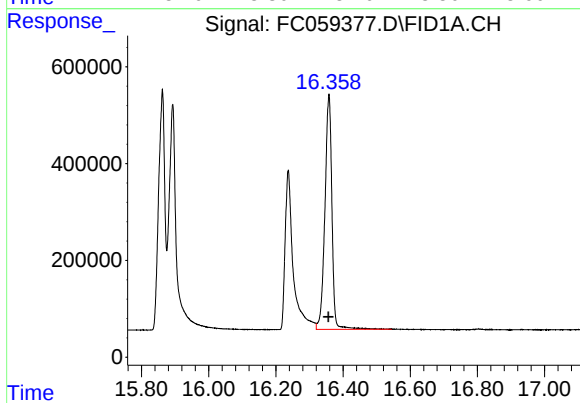
#14 n-Tetracosane (C24)

R.T.: 14.397 min
Delta R.T.: 0.003 min
Response: 8591937
Conc: 55.49 ug/ml



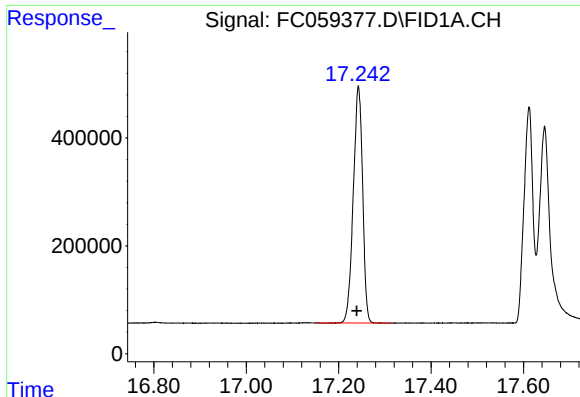
#15 n-Hexacosane (C26)

R.T.: 15.414 min
Delta R.T.: 0.003 min
Response: 7049789
Conc: 45.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.358 min
Delta R.T.: 0.001 min
Response: 7044516
Conc: 45.51 ug/ml



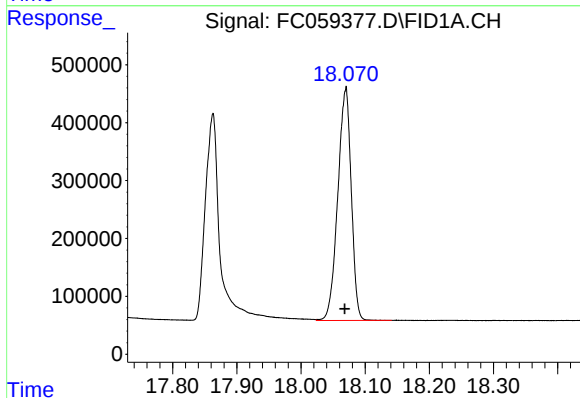
#17 n-Tricontane (C30)

R.T.: 17.243 min
Delta R.T.: 0.004 min
Response: 6157945
Conc: 40.54 ug/ml

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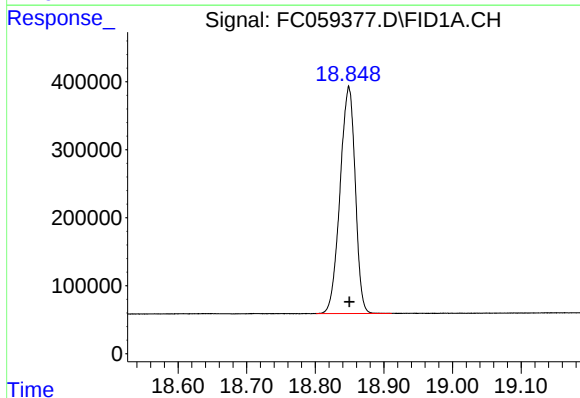
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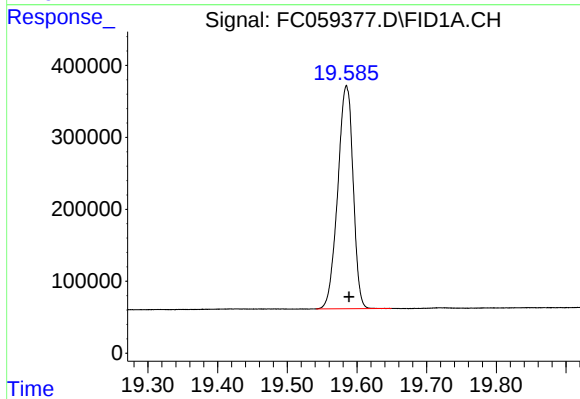
#18 n-Dotriacontane (C32)

R.T.: 18.069 min
Delta R.T.: 0.001 min
Response: 5860391
Conc: 41.59 ug/ml



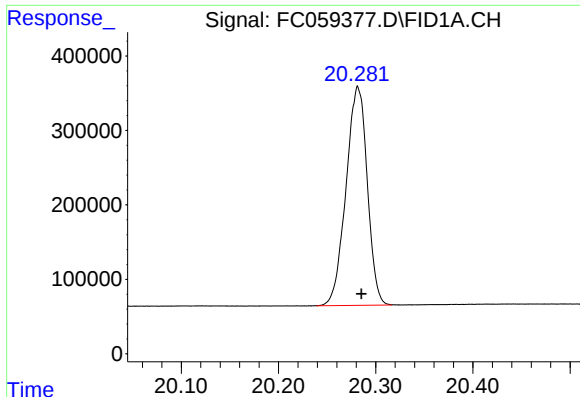
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: 0.000 min
Response: 5127593
Conc: 40.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.585 min
Delta R.T.: -0.004 min
Response: 4753570
Conc: 43.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.281 min
Delta R.T.: -0.004 min
Response: 4467879
Conc: 47.97 ug/ml

Instrument :

FID_C

ClientSampleId :

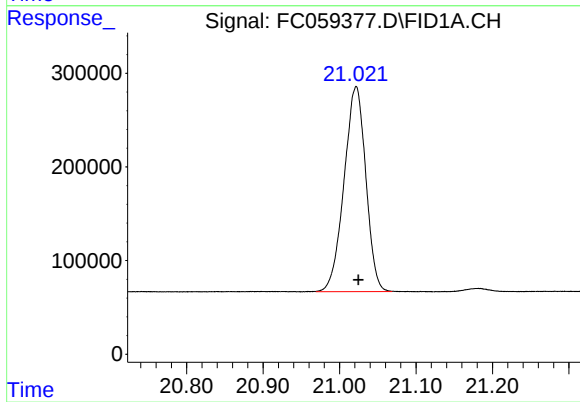
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#22 n-Tetracontane (C40)

R.T.: 21.021 min
Delta R.T.: -0.003 min
Response: 4323287
Conc: 51.76 ug/ml m