

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059382.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2022 7:24
 Operator : UA/NP
 Sample : N2487-02MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 UST-1-NMSD

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: Apr 25 01:31:27 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)	11.098	6109433	38.020 ug/ml
Spiked Amount 50.000		Recovery =	76.04%
12) S 1-chlorooctadecane (S...	12.542	5077122	38.880 ug/ml
Spiked Amount 50.000		Recovery =	77.76%
Target Compounds			
1) T n-Nonane (C9)	2.966	4154348	33.147 ug/ml
2) T n-Decane (C10)	4.005	4835381	38.704 ug/ml
3) T A~Naphthalene (C11.7)	5.550	5672736	46.245 ug/ml
4) T n-Dodecane (C12)	6.000	5855877	44.407 ug/ml
5) T A~2-methylnaphthalene...	6.598	6379710	50.550 ug/ml
6) T n-Tetradecane (C14)	7.784	6480789	47.912 ug/ml
7) T n-Hexadecane (C16)	9.373	6920450	49.276 ug/ml
8) T n-Octadecane (C18)	10.806	7529138	51.542 ug/ml
10) T n-Eicosane (C20)	12.108	7556545	50.387 ug/ml
11) T n-Heneicosane (C21)	12.717	7558091	49.688 ug/ml
13) T n-Docosane (C22)	13.300	7567987	49.392 ug/ml
14) T n-Tetracosane (C24)	14.397	8822175	56.975 ug/ml
15) T n-Hexacosane (C26)	15.414	7313410	47.453 ug/ml
16) T n-Octacosane (C28)	16.357	7304583	47.186 ug/ml
17) T n-Tricontane (C30)	17.242	6446388	42.442 ug/ml
18) T n-Dotriacontane (C32)	18.069	6125910	43.477 ug/ml
19) T n-Tetratriacontane (C34)	18.849	5385313	42.610 ug/ml
20) T n-Hexatriacontane (C36)	19.586	5017808	45.876 ug/ml
21) T n-Octatriacontane (C38)	20.282	4801839	51.560 ug/mlm
22) T n-Tetracontane (C40)	21.025	4718580	56.491 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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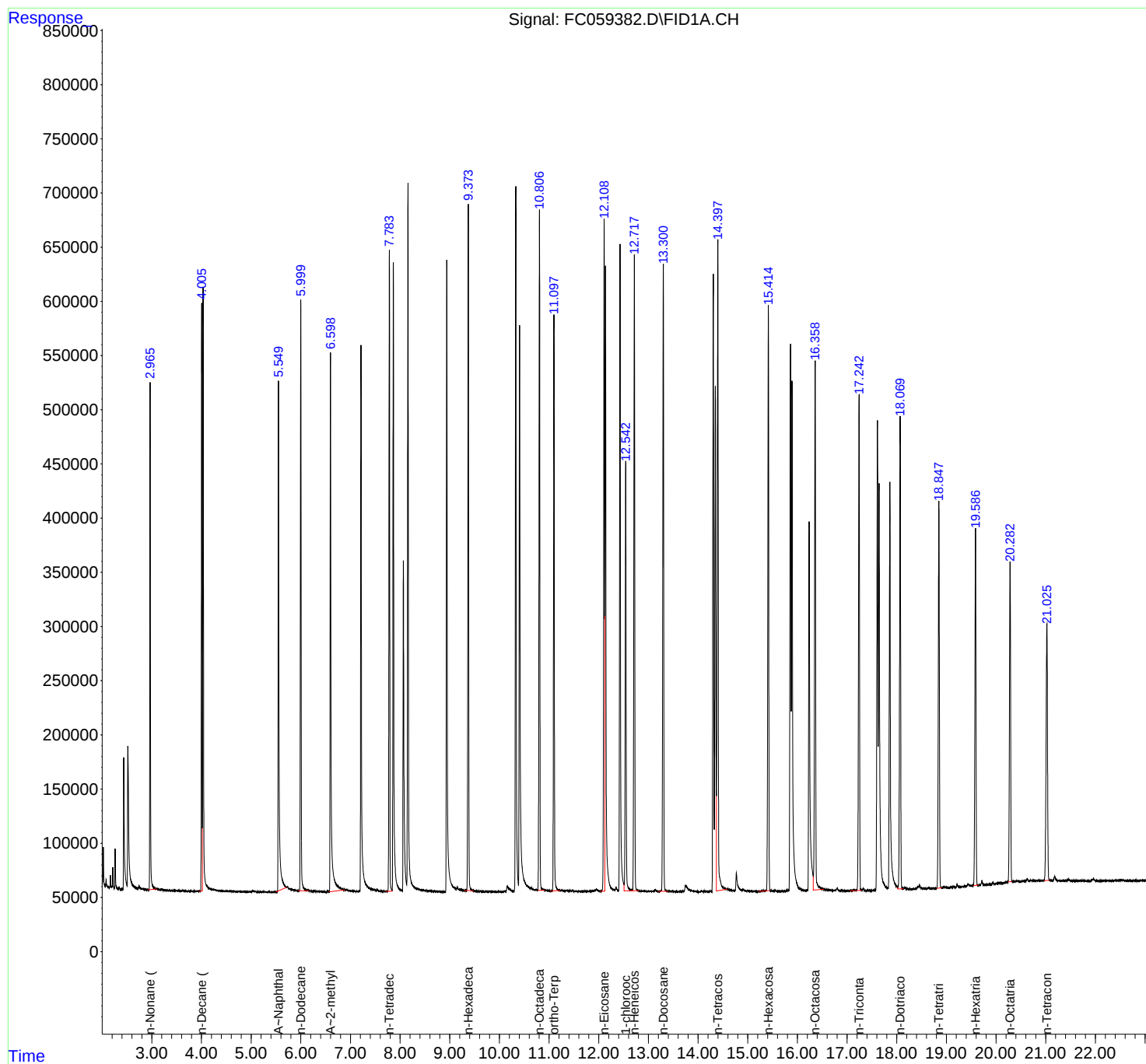
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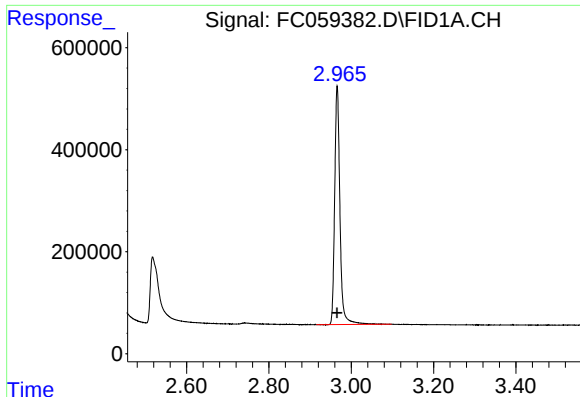
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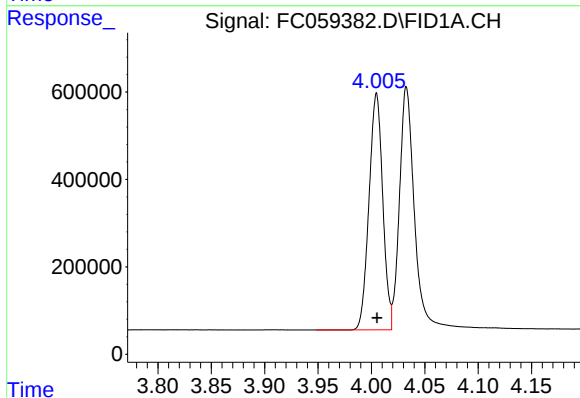
#1 n-Nonane (C9)

R.T.: 2.966 min
Delta R.T.: 0.000 min
Response: 4154348
Conc: 33.15 ug/ml

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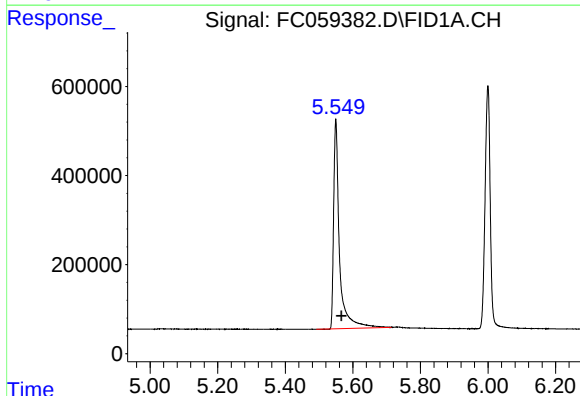
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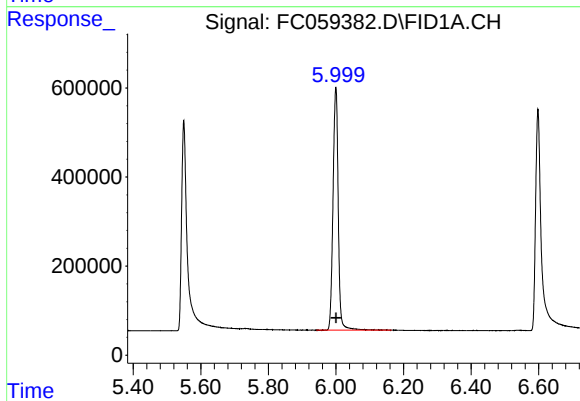
#2 n-Decane (C10)

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 4835381
Conc: 38.70 ug/ml



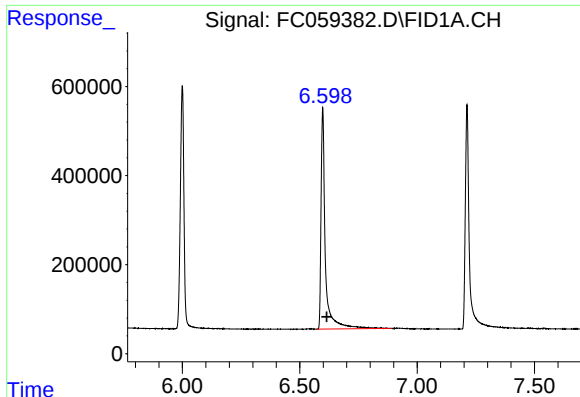
#3 A~Naphthalene (C11.7)

R.T.: 5.550 min
Delta R.T.: -0.017 min
Response: 5672736
Conc: 46.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 5855877
Conc: 44.41 ug/ml



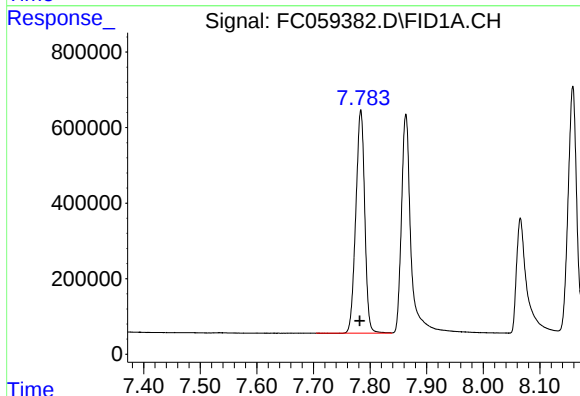
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.598 min
Delta R.T.: -0.018 min
Response: 6379710
Conc: 50.55 ug/ml

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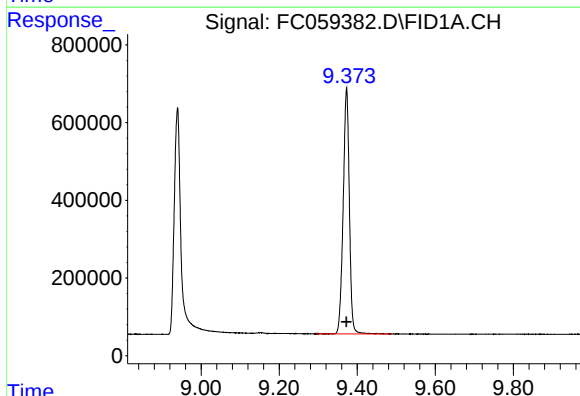
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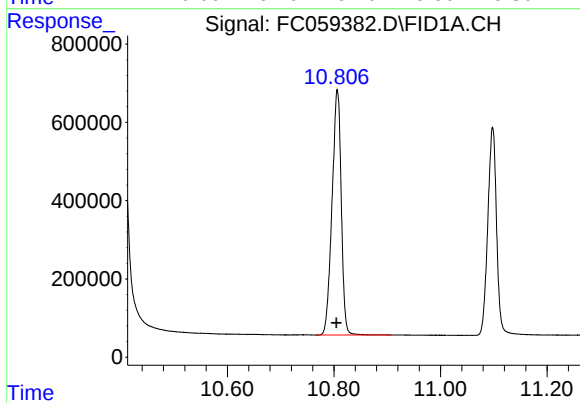
#6 n-Tetradecane (C14)

R.T.: 7.784 min
Delta R.T.: 0.002 min
Response: 6480789
Conc: 47.91 ug/ml



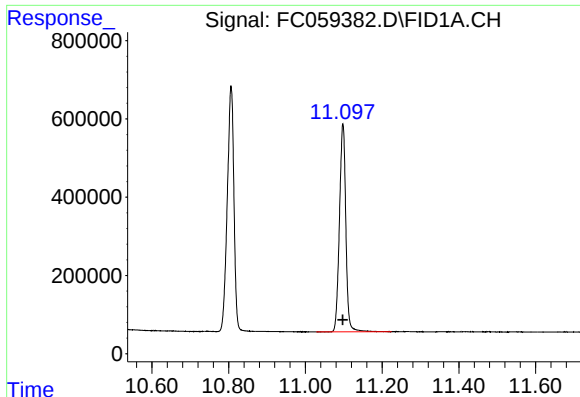
#7 n-Hexadecane (C16)

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 6920450
Conc: 49.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.806 min
Delta R.T.: 0.002 min
Response: 7529138
Conc: 51.54 ug/ml



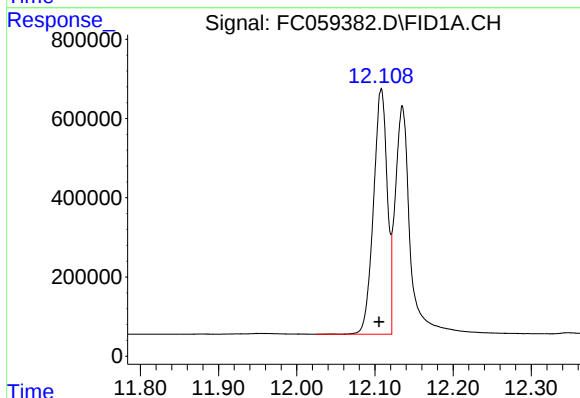
#9 ortho-Terphenyl (SURR)

R.T.: 11.098 min
Delta R.T.: 0.000 min
Response: 6109433
Conc: 38.02 ug/ml

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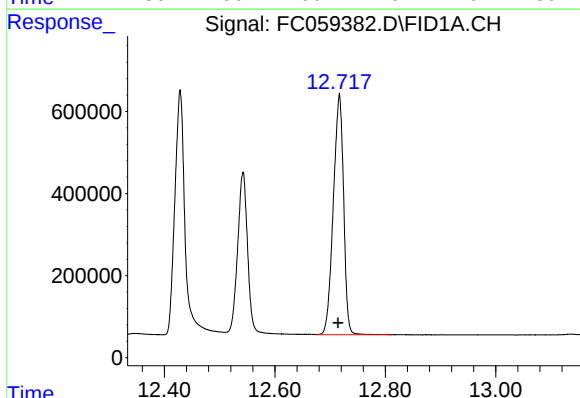
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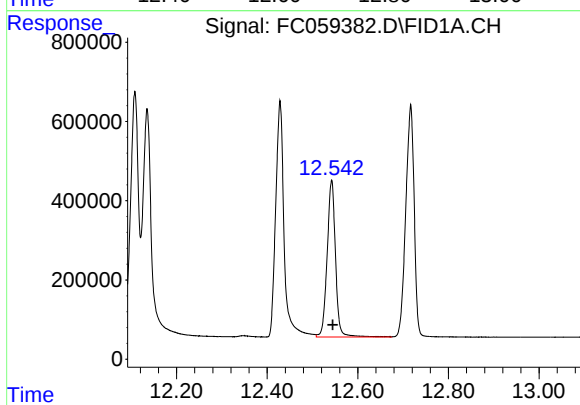
#10 n-Eicosane (C20)

R.T.: 12.108 min
Delta R.T.: 0.003 min
Response: 7556545
Conc: 50.39 ug/ml



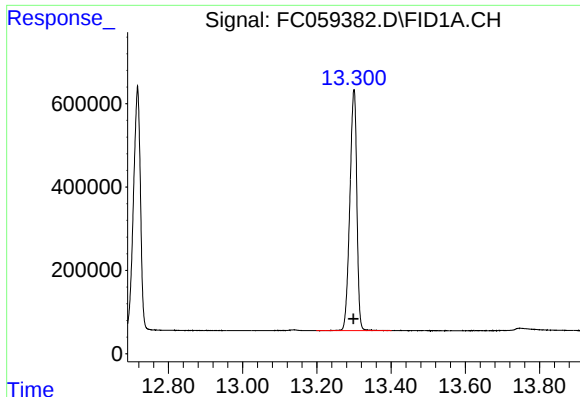
#11 n-Heneicosane (C21)

R.T.: 12.717 min
Delta R.T.: 0.002 min
Response: 7558091
Conc: 49.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.542 min
Delta R.T.: -0.002 min
Response: 5077122
Conc: 38.88 ug/ml



#13 n-Docosane (C22)

R.T.: 13.300 min
Delta R.T.: 0.002 min
Response: 7567987
Conc: 49.39 ug/ml

Instrument :

FID_C

ClientSampleId :

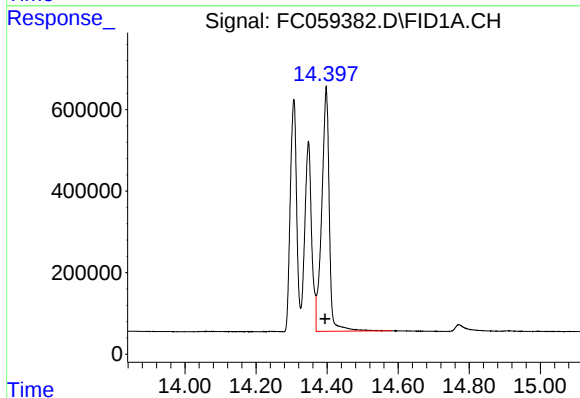
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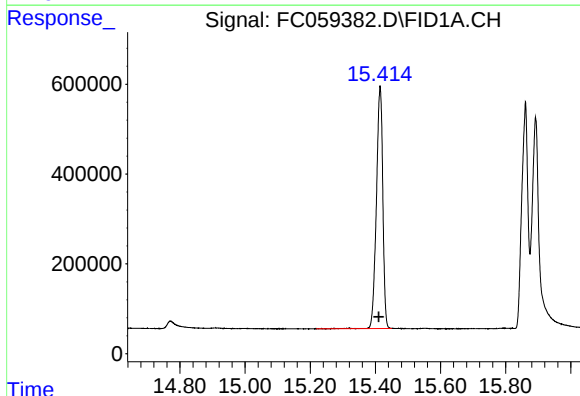
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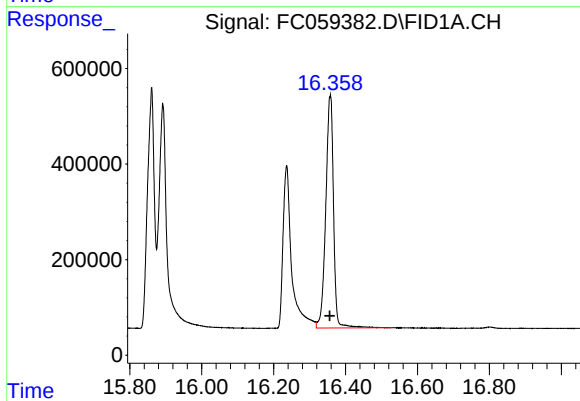
#14 n-Tetracosane (C24)

R.T.: 14.397 min
Delta R.T.: 0.003 min
Response: 8822175
Conc: 56.98 ug/ml



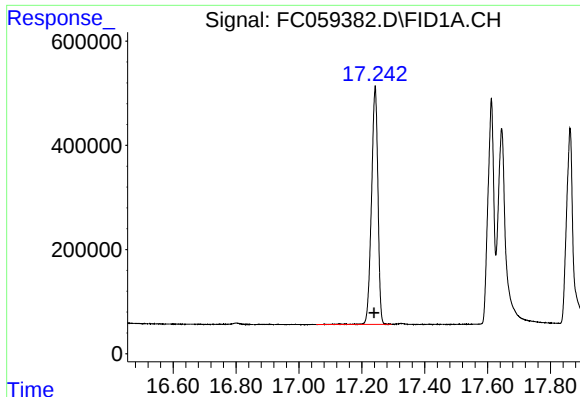
#15 n-Hexacosane (C26)

R.T.: 15.414 min
Delta R.T.: 0.004 min
Response: 7313410
Conc: 47.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.357 min
Delta R.T.: 0.001 min
Response: 7304583
Conc: 47.19 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.242 min
Delta R.T.: 0.003 min
Response: 6446388
Conc: 42.44 ug/ml

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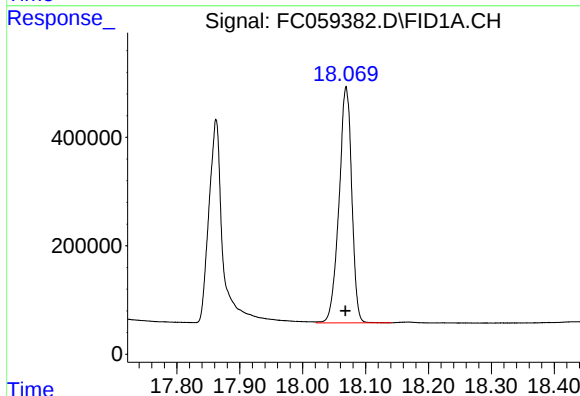
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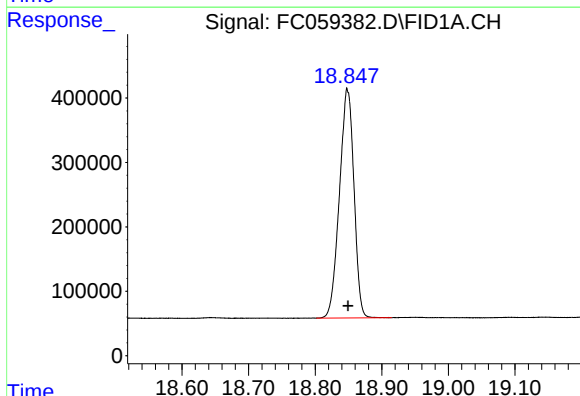
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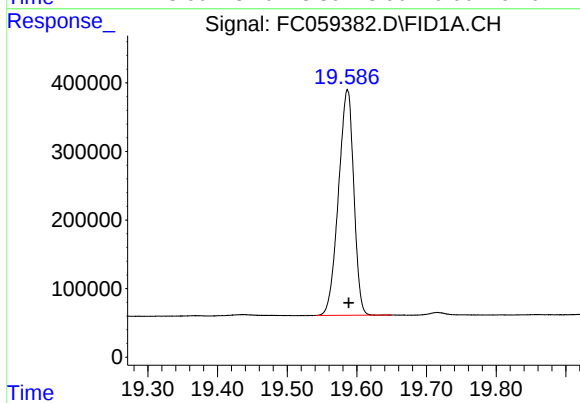
#18 n-Dotriacontane (C32)

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 6125910
Conc: 43.48 ug/ml



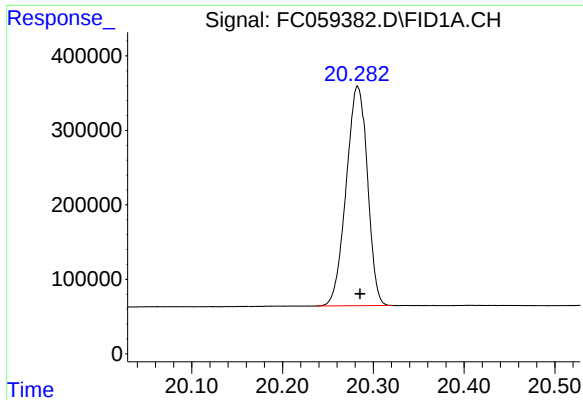
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: -0.001 min
Response: 5385313
Conc: 42.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.586 min
Delta R.T.: -0.002 min
Response: 5017808
Conc: 45.88 ug/ml



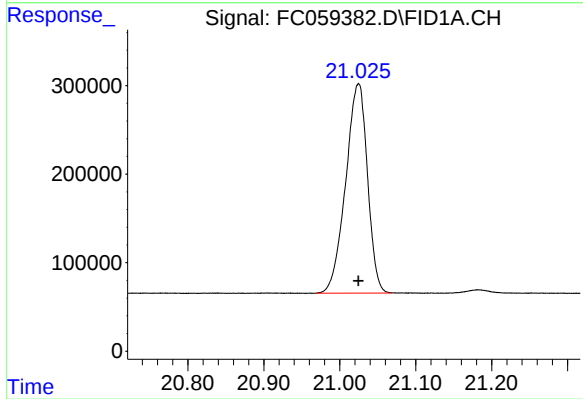
#21 n-Octatriacontane (C38)

R.T.: 20.282 min
Delta R.T.: -0.003 min
Response: 4801839
Conc: 51.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.025 min
Delta R.T.: 0.000 min
Response: 4718580
Conc: 56.49 ug/ml m