

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059376.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2022 3:38
 Operator : UA/NP
 Sample : PB144264BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB144264BS

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 05:20:07 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	7623795	47.444 ug/ml
Spiked Amount 50.000		Recovery =	94.89%
12) S 1-chlorooctadecane (S...	12.545	6531264	50.016 ug/ml
Spiked Amount 50.000		Recovery =	100.03%
Target Compounds			
1) T n-Nonane (C9)	2.976	5374289	42.881 ug/ml
2) T n-Decane (C10)	4.010	5474759	43.821 ug/ml
3) T A~Naphthalene (C11.7)	5.551	6273752	51.144 ug/ml
4) T n-Dodecane (C12)	6.000	5823545	44.162 ug/ml
5) T A~2-methylnaphthalene...	6.599	6335052	50.196 ug/ml
6) T n-Tetradecane (C14)	7.783	6196190	45.808 ug/ml
7) T n-Hexadecane (C16)	9.372	6798784	48.409 ug/ml
8) T n-Octadecane (C18)	10.806	7553518	51.709 ug/ml
10) T n-Eicosane (C20)	12.109	7497152	49.991 ug/mlm
11) T n-Heneicosane (C21)	12.717	7686465	50.532 ug/ml
13) T n-Docosane (C22)	13.299	7666593	50.036 ug/ml
14) T n-Tetracosane (C24)	14.396	8931143	57.679 ug/ml
15) T n-Hexacosane (C26)	15.414	7375328	47.855 ug/ml
16) T n-Octacosane (C28)	16.358	7307705	47.206 ug/ml
17) T n-Tricontane (C30)	17.243	6486576	42.706 ug/ml
18) T n-Dotriacontane (C32)	18.069	6170860	43.796 ug/ml
19) T n-Tetratriacontane (C34)	18.849	5370320	42.491 ug/ml
20) T n-Hexatriacontane (C36)	19.585	4960164	45.349 ug/ml
21) T n-Octatriacontane (C38)	20.283	4665681	50.098 ug/mlm
22) T n-Tetracontane (C40)	21.023	4504996	53.934 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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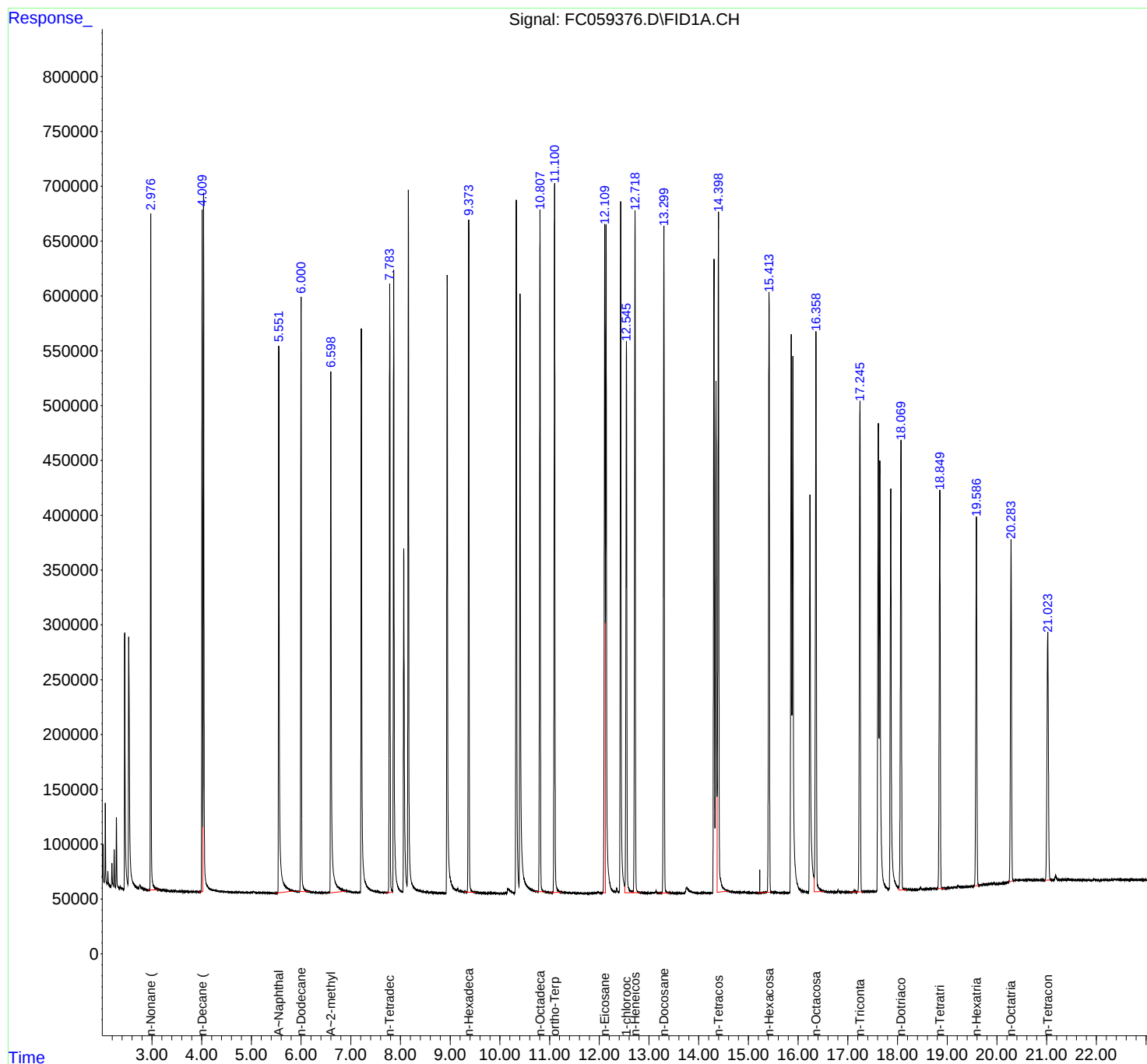
Instrument :
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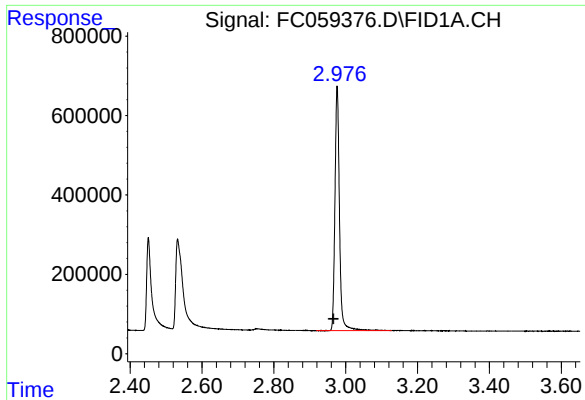
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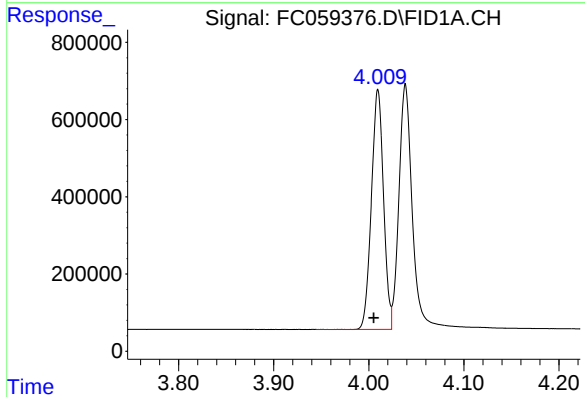
#1 n-Nonane (C9)

R.T.: 2.976 min
Delta R.T.: 0.010 min
Response: 5374289
Conc: 42.88 ug/ml

Instrument :
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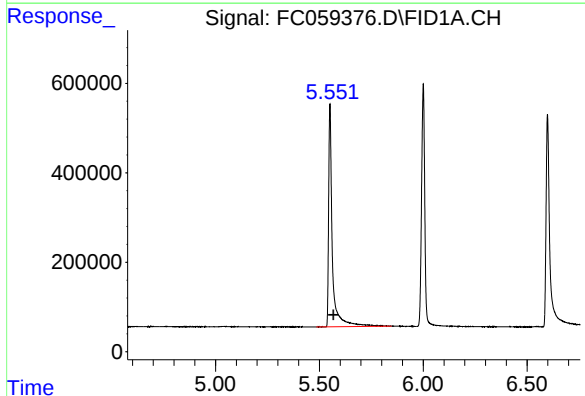
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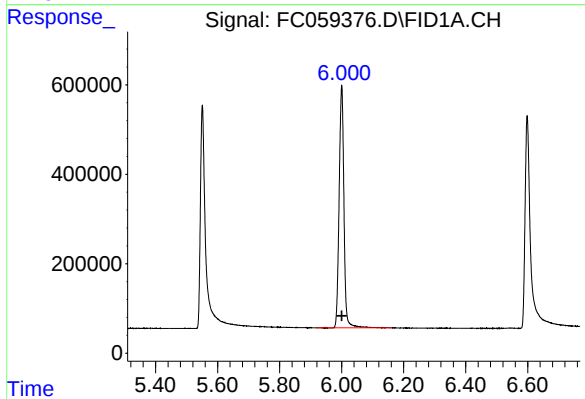
#2 n-Decane (C10)

R.T.: 4.010 min
Delta R.T.: 0.005 min
Response: 5474759
Conc: 43.82 ug/ml



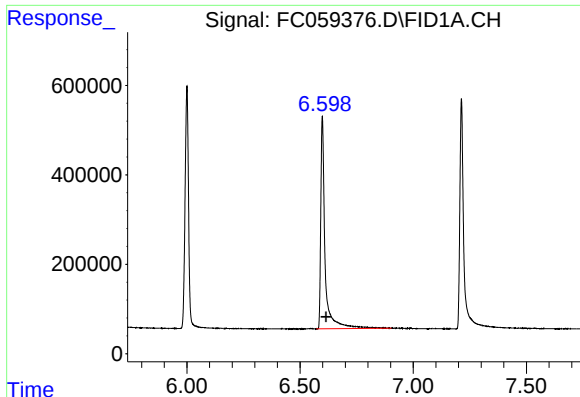
#3 A~Naphthalene (C11.7)

R.T.: 5.551 min
Delta R.T.: -0.016 min
Response: 6273752
Conc: 51.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 5823545
Conc: 44.16 ug/ml



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

R.T.: 6.599 min
Delta R.T.: -0.017 min
Response: 6335052
Conc: 50.20 ug/ml

Instrument :

FID_C

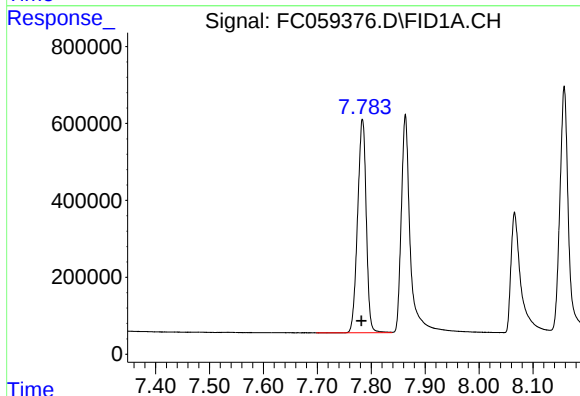
ClientSampleId :

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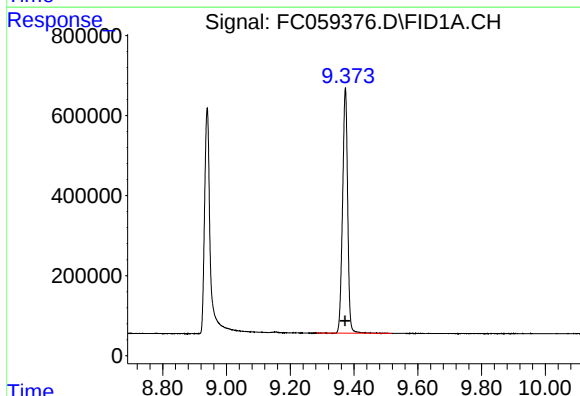
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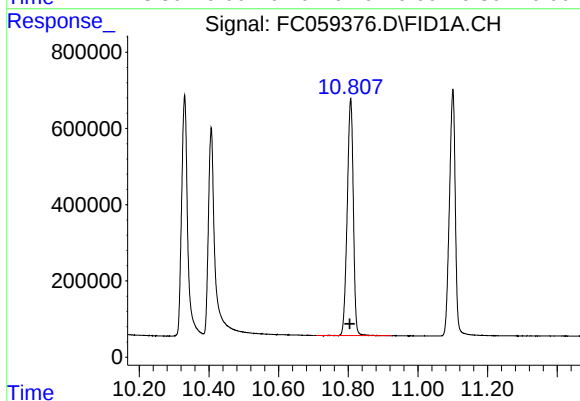
#6 n-Tetradecane (C14)

R.T.: 7.783 min
Delta R.T.: 0.001 min
Response: 6196190
Conc: 45.81 ug/ml



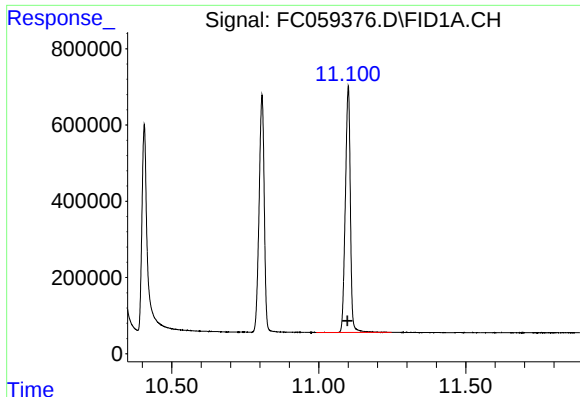
#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 6798784
Conc: 48.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.806 min
Delta R.T.: 0.002 min
Response: 7553518
Conc: 51.71 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.099 min
Delta R.T.: 0.002 min
Response: 7623795
Conc: 47.44 ug/ml

Instrument :

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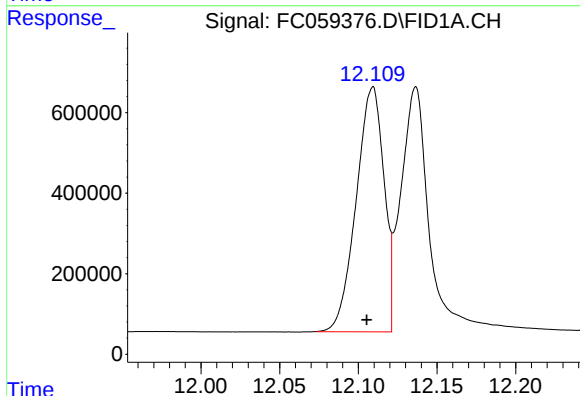
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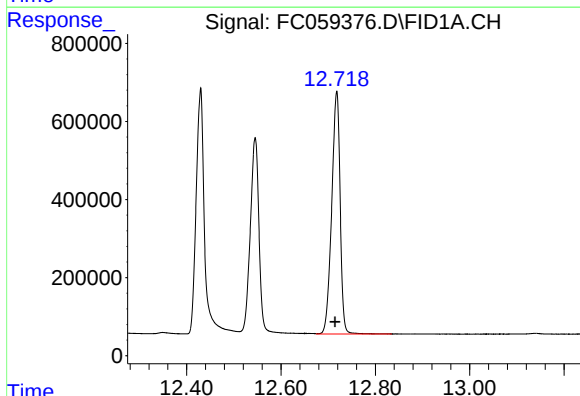
Reviewed By :Yogesh Patel 04/25/2022

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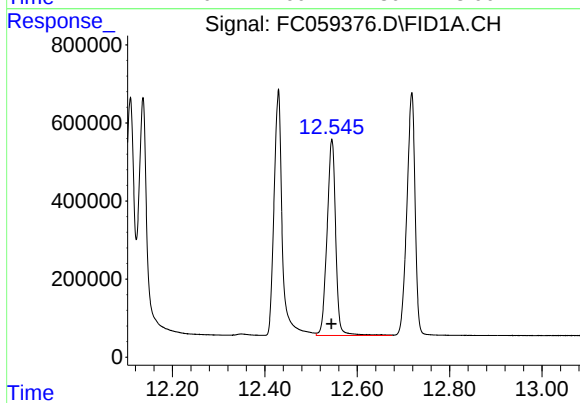
#10 n-Eicosane (C20)

R.T.: 12.109 min
Delta R.T.: 0.004 min
Response: 7497152
Conc: 49.99 ug/ml m



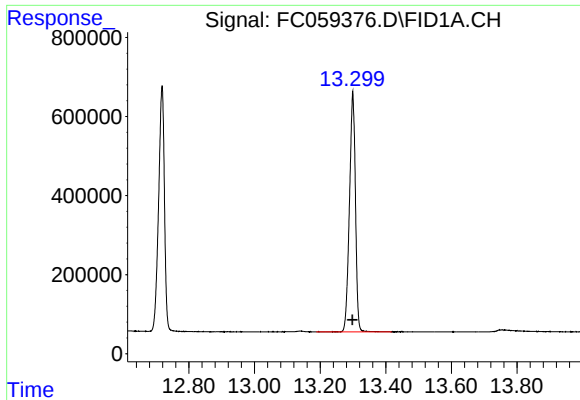
#11 n-Heneicosane (C21)

R.T.: 12.717 min
Delta R.T.: 0.003 min
Response: 7686465
Conc: 50.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.545 min
Delta R.T.: 0.000 min
Response: 6531264
Conc: 50.02 ug/ml



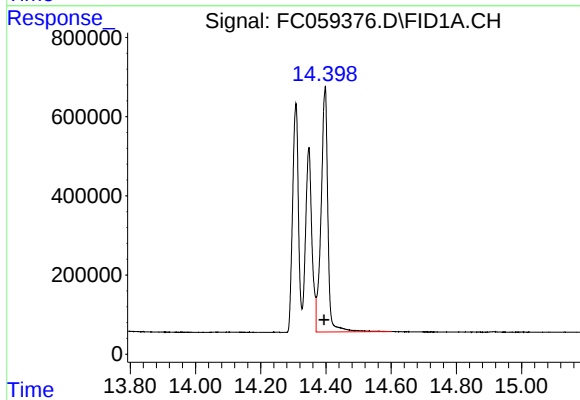
#13 n-Docosane (C22)

R.T.: 13.299 min
Delta R.T.: 0.000 min
Response: 7666593
Conc: 50.04 ug/ml

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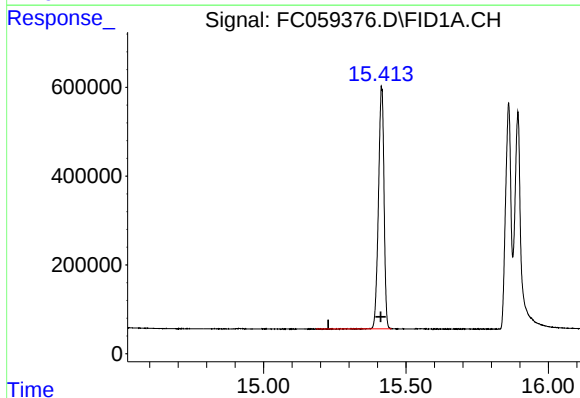
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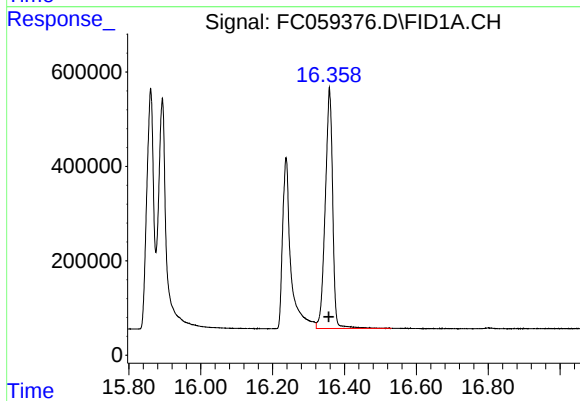
#14 n-Tetracosane (C24)

R.T.: 14.396 min
Delta R.T.: 0.002 min
Response: 8931143
Conc: 57.68 ug/ml



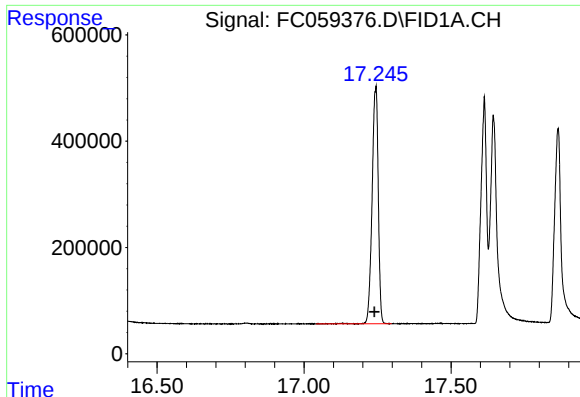
#15 n-Hexacosane (C26)

R.T.: 15.414 min
Delta R.T.: 0.003 min
Response: 7375328
Conc: 47.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.358 min
Delta R.T.: 0.002 min
Response: 7307705
Conc: 47.21 ug/ml



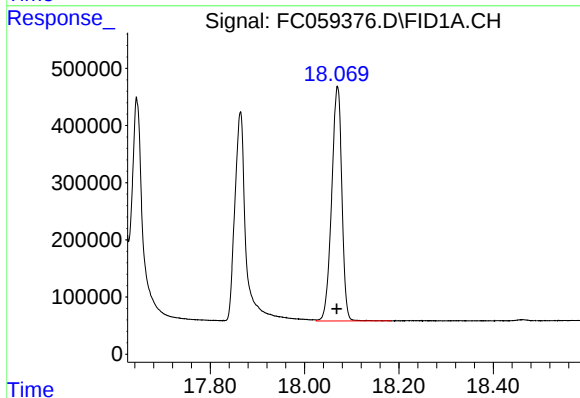
#17 n-Tricontane (C30)

R.T.: 17.243 min
Delta R.T.: 0.004 min
Response: 6486576
Conc: 42.71 ug/ml

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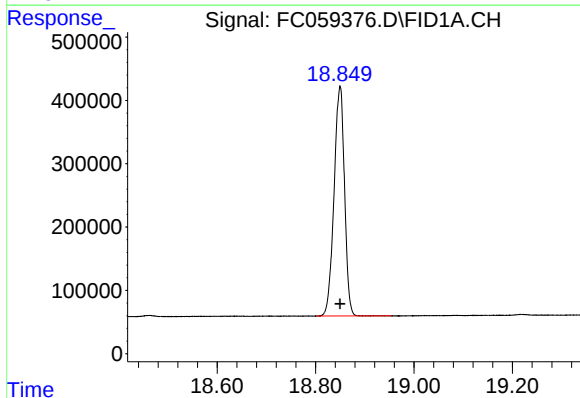
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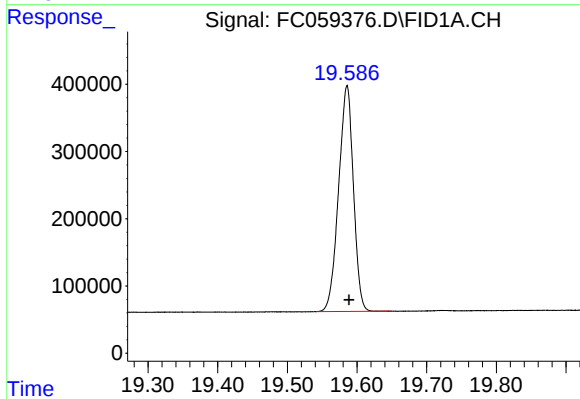
#18 n-Dotriacontane (C32)

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 6170860
Conc: 43.80 ug/ml



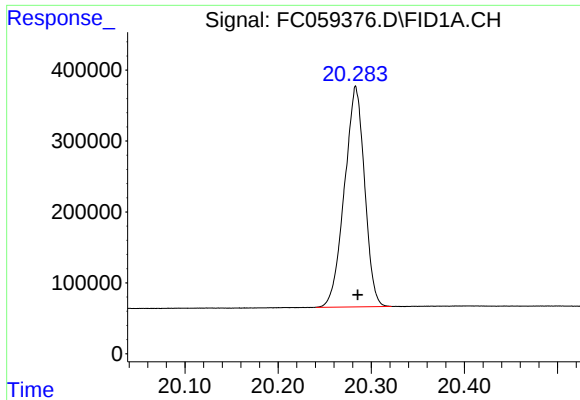
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: 0.000 min
Response: 5370320
Conc: 42.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.585 min
Delta R.T.: -0.003 min
Response: 4960164
Conc: 45.35 ug/ml



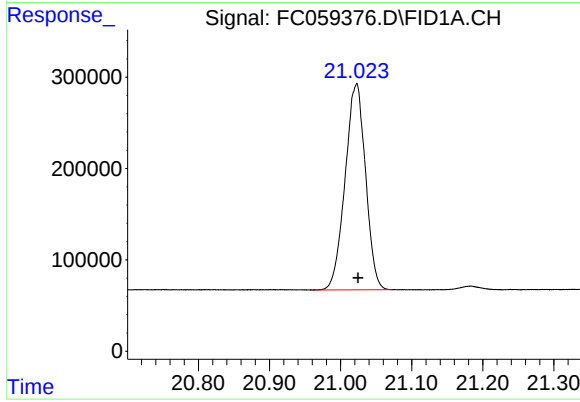
#21 n-Octatriacontane (C38)

R.T.: 20.283 min
Delta R.T.: -0.002 min
Response: 4665681
Conc: 50.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.023 min
Delta R.T.: -0.002 min
Response: 4504996
Conc: 53.93 ug/ml m