

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042722AL\
 Data File : FC059473.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2022 14:30
 Operator : UA/NP
 Sample : PB144388BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB144388BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/28/2022

Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E

Quant Time: Apr 28 04:51:35 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)	11.096	6624864	41.227 ug/ml
Spiked Amount 50.000		Recovery =	82.45%
12) S 1-chlorooctadecane (S...	12.542	5507203	42.174 ug/ml
Spiked Amount 50.000		Recovery =	84.35%
Target Compounds			
1) T n-Nonane (C9)	2.976	5226907	41.705 ug/ml
2) T n-Decane (C10)	4.008	5521137	44.193 ug/ml
3) T A~Naphthalene (C11.7)	5.548	6644622	54.168 ug/ml
4) T n-Dodecane (C12)	5.998	6324473	47.961 ug/ml
5) T A~2-methylnaphthalene...	6.596	6920655	54.836 ug/ml
6) T n-Tetradecane (C14)	7.781	6910363	51.088 ug/ml
7) T n-Hexadecane (C16)	9.370	7209673	51.335 ug/ml
8) T n-Octadecane (C18)	10.804	7590386	51.962 ug/ml
10) T n-Eicosane (C20)	12.107	7456019	49.716 ug/mlm
11) T n-Heneicosane (C21)	12.715	7293570	47.949 ug/ml
13) T n-Docosane (C22)	13.298	7133996	46.560 ug/ml
14) T n-Tetracosane (C24)	14.394	7619092	49.206 ug/mlm
15) T n-Hexacosane (C26)	15.413	6439026	41.780 ug/ml
16) T n-Octacosane (C28)	16.356	6320242	40.827 ug/ml
17) T n-Tricontane (C30)	17.243	5650405	37.201 ug/ml
18) T n-Dotriacontane (C32)	18.069	5582912	39.623 ug/ml
19) T n-Tetratriacontane (C34)	18.850	5108899	40.423 ug/ml
20) T n-Hexatriacontane (C36)	19.586	4974479	45.480 ug/ml
21) T n-Octatriacontane (C38)	20.285	4902457	52.640 ug/mlm
22) T n-Tetracontane (C40)	21.024	4853965	58.112 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 4 Sample Multiplier: 1

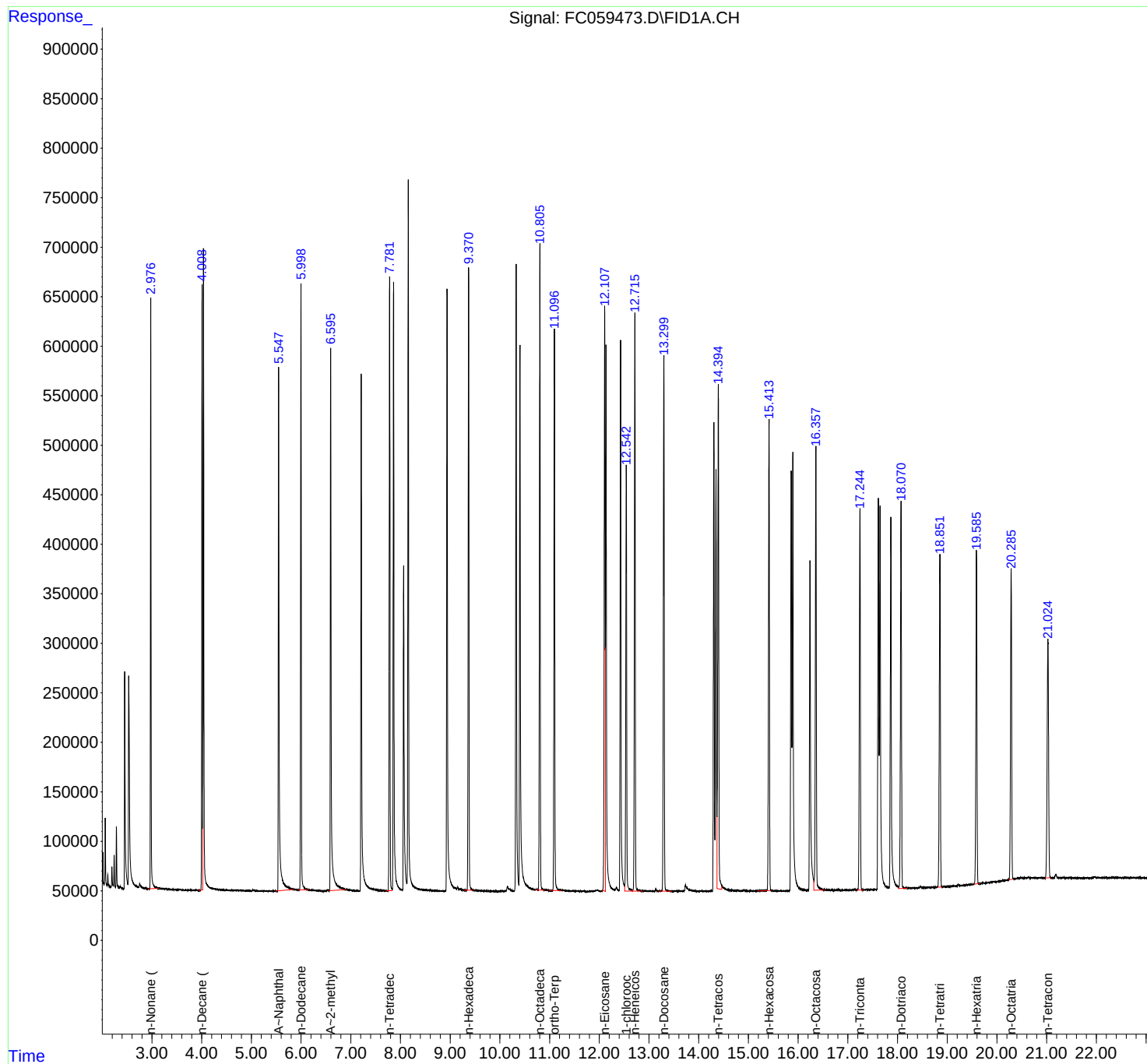
Instrument :
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PB144388BS

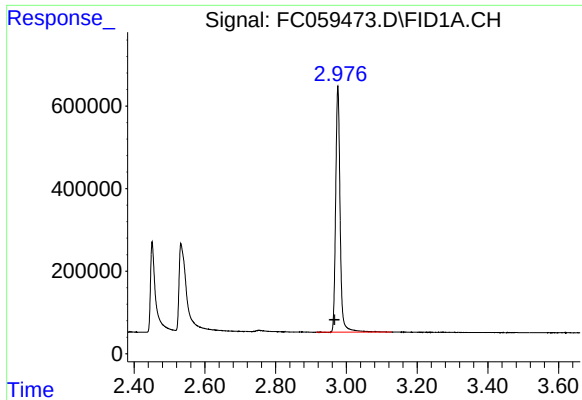
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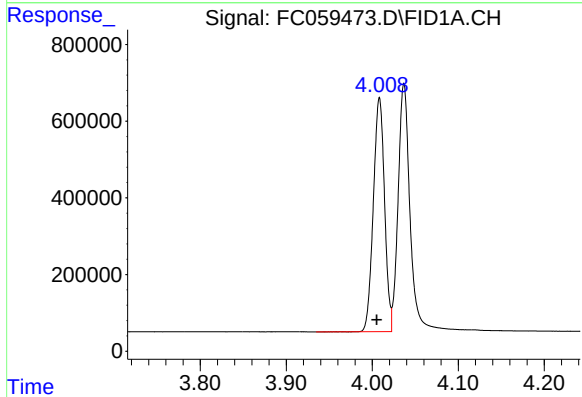
#1 n-Nonane (C9)

R.T.: 2.976 min
Delta R.T.: 0.010 min
Response: 5226907
Conc: 41.71 ug/ml

Instrument :
FID_C
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PB144388BS

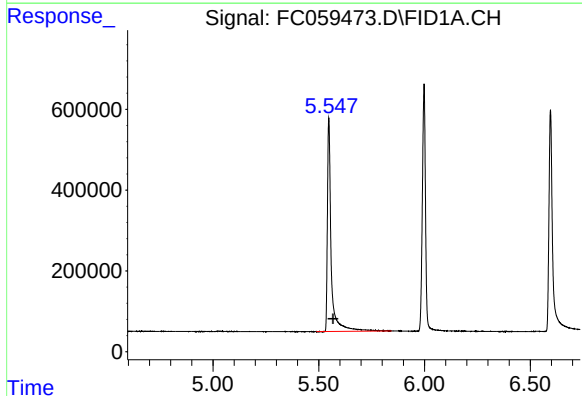
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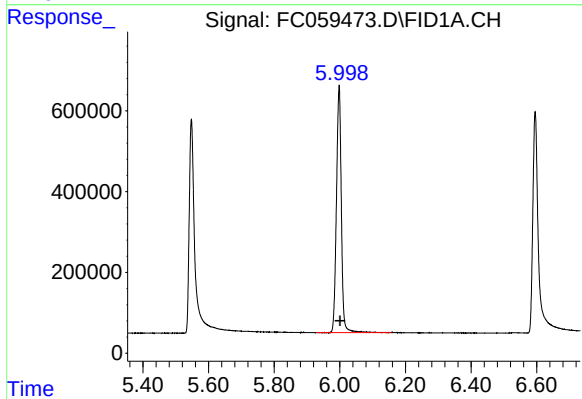
#2 n-Decane (C10)

R.T.: 4.008 min
Delta R.T.: 0.003 min
Response: 5521137
Conc: 44.19 ug/ml



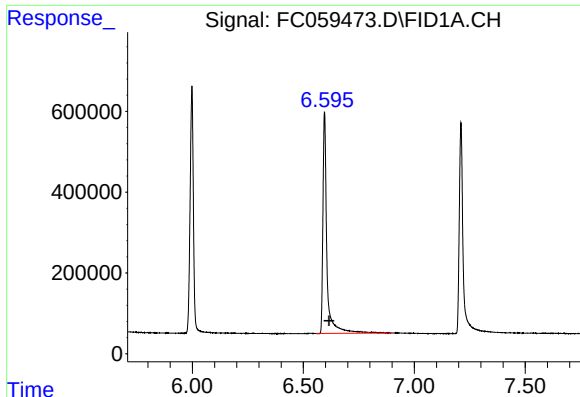
#3 A~Naphthalene (C11.7)

R.T.: 5.548 min
Delta R.T.: -0.019 min
Response: 6644622
Conc: 54.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 6324473
Conc: 47.96 ug/ml



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

R.T.: 6.596 min
Delta R.T.: -0.020 min
Response: 6920655
Conc: 54.84 ug/ml

Instrument :

FID_C

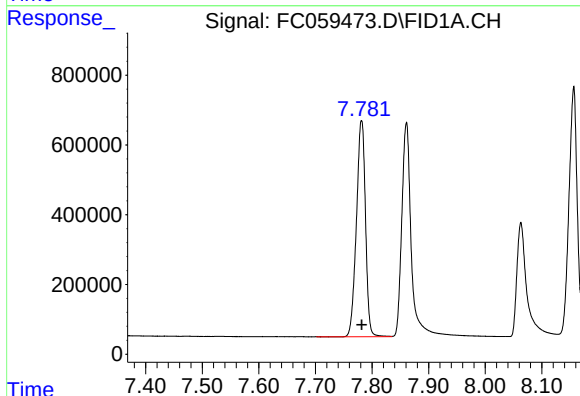
ClientSampleId :

PB144388BS

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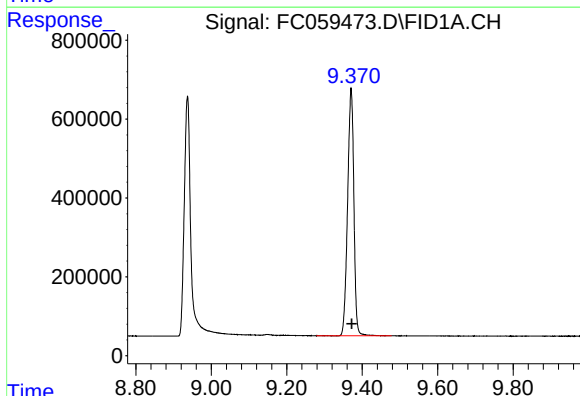
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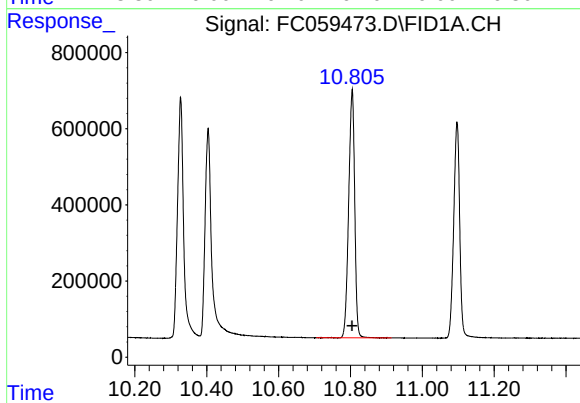
#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 6910363
Conc: 51.09 ug/ml



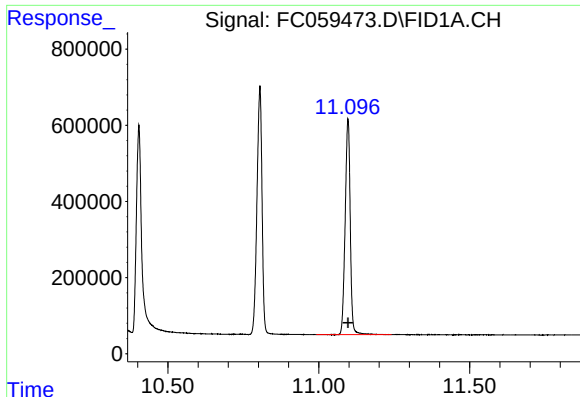
#7 n-Hexadecane (C16)

R.T.: 9.370 min
Delta R.T.: -0.002 min
Response: 7209673
Conc: 51.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.804 min
Delta R.T.: 0.000 min
Response: 7590386
Conc: 51.96 ug/ml



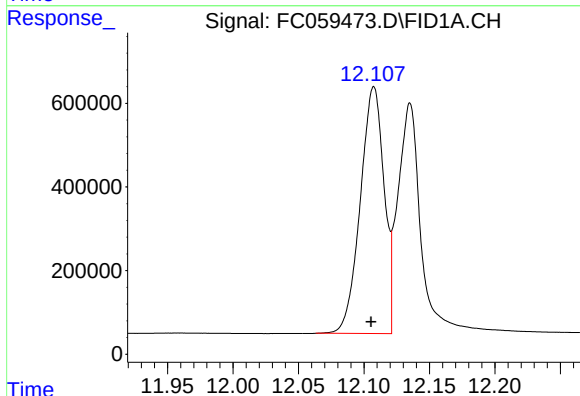
#9 ortho-Terphenyl (SURR)

R.T.: 11.096 min
Delta R.T.: 0.000 min
Response: 6624864
Conc: 41.23 ug/ml

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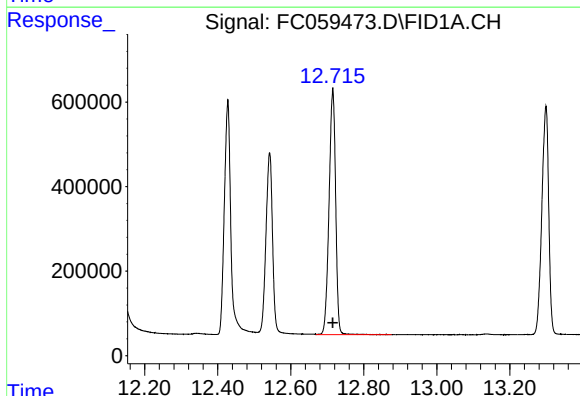
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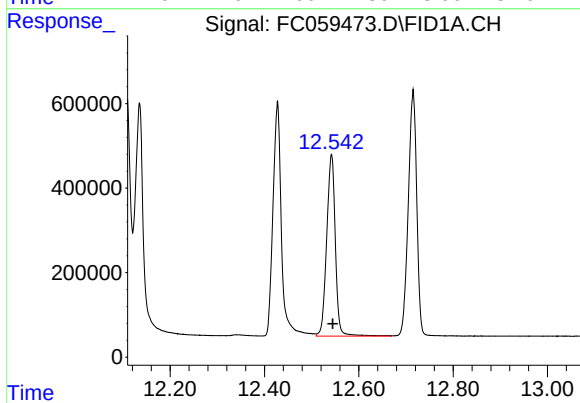
#10 n-Eicosane (C20)

R.T.: 12.107 min
Delta R.T.: 0.002 min
Response: 7456019
Conc: 49.72 ug/ml m



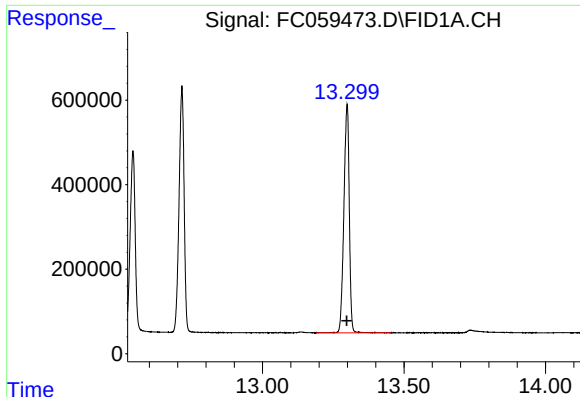
#11 n-Heneicosane (C21)

R.T.: 12.715 min
Delta R.T.: 0.000 min
Response: 7293570
Conc: 47.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.542 min
Delta R.T.: -0.003 min
Response: 5507203
Conc: 42.17 ug/ml



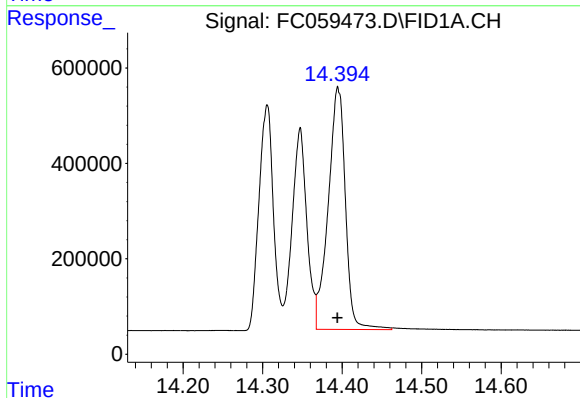
#13 n-Docosane (C22)

R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 7133996
Conc: 46.56 ug/ml

Instrument :
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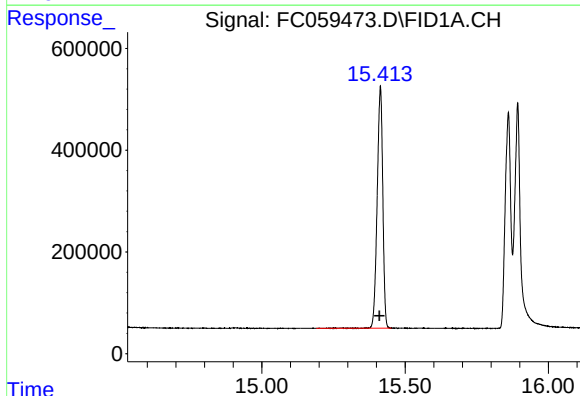
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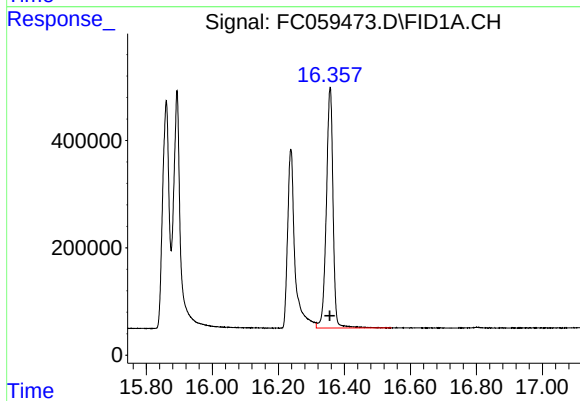
#14 n-Tetracosane (C24)

R.T.: 14.394 min
Delta R.T.: 0.000 min
Response: 7619092
Conc: 49.21 ug/ml m



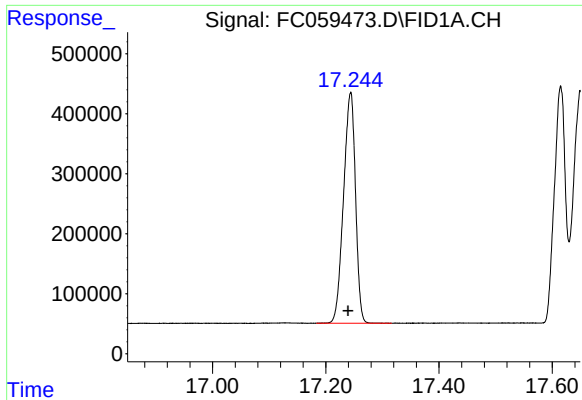
#15 n-Hexacosane (C26)

R.T.: 15.413 min
Delta R.T.: 0.002 min
Response: 6439026
Conc: 41.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.356 min
Delta R.T.: 0.000 min
Response: 6320242
Conc: 40.83 ug/ml



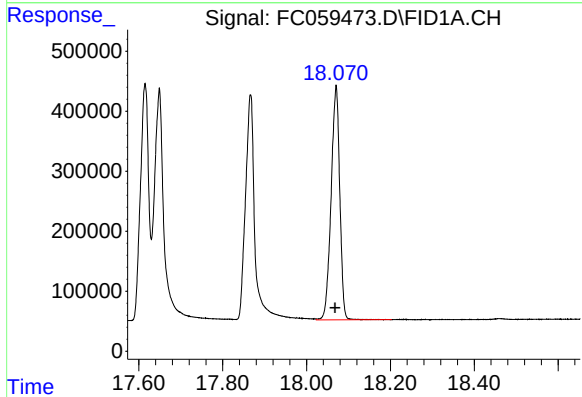
#17 n-Tricontane (C30)

R.T.: 17.243 min
Delta R.T.: 0.004 min
Response: 5650405
Conc: 37.20 ug/ml

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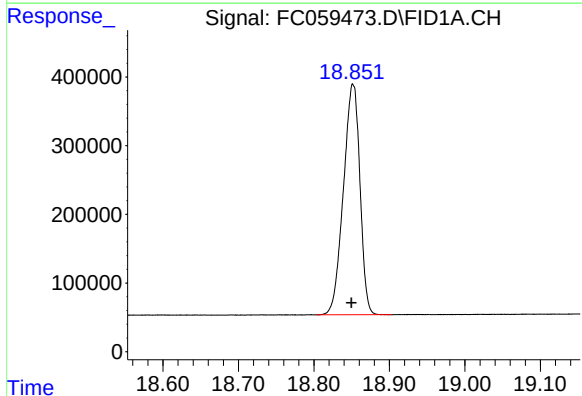
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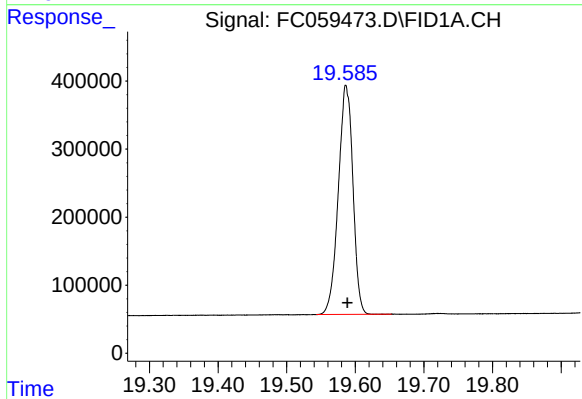
#18 n-Dotriacontane (C32)

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 5582912
Conc: 39.62 ug/ml



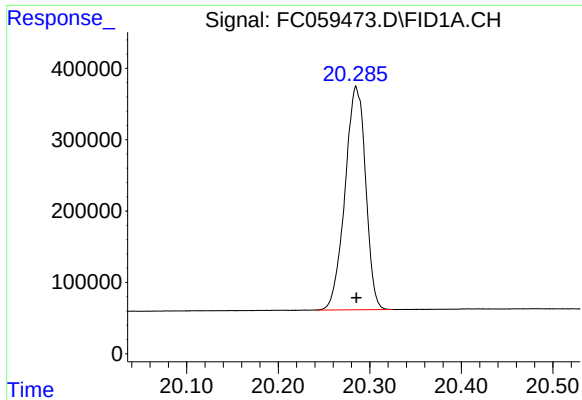
#19 n-Tetratriacontane (C34)

R.T.: 18.850 min
Delta R.T.: 0.000 min
Response: 5108899
Conc: 40.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.586 min
Delta R.T.: -0.002 min
Response: 4974479
Conc: 45.48 ug/ml



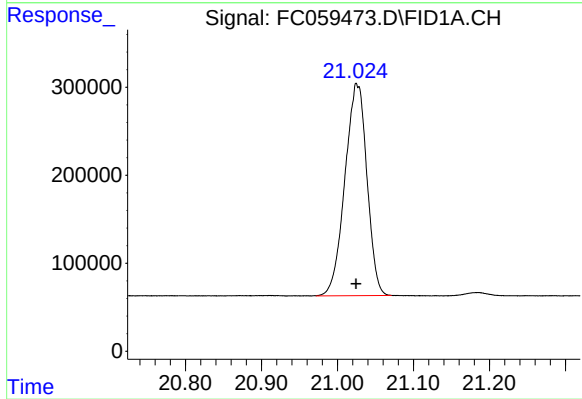
#21 n-Octatriacontane (C38)

R.T.: 20.285 min
Delta R.T.: 0.000 min
Response: 4902457
Conc: 52.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.024 min
Delta R.T.: 0.000 min
Response: 4853965
Conc: 58.11 ug/ml m