

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052822AL\
 Data File : FC059988.D
 Signal(s) : FID1A.CH
 Acq On : 29 May 2022 00:49
 Operator : UA/NP
 Sample : N3080-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

WC-5MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/31/2022

Supervised By :Ankita Jodhani 05/31/2022

Integration File: sample.E

Quant Time: May 30 01:30:08 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M

Quant Title : GC Extractables

QLast Update : Sat May 28 08:22:04 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)	10.651	3958449	25.436 ug/ml
Spiked Amount 50.000		Recovery =	50.87%
12) S 1-chlorooctadecane (S...	12.020	3219862	25.969 ug/mlm
Spiked Amount 50.000		Recovery =	51.94%
Target Compounds			
1) T n-Nonane (C9)	2.632	3995658	31.219 ug/ml
2) T n-Decane (C10)	3.628	4502947	35.198 ug/ml
3) T A~Naphthalene (C11.7)	5.162	5747135	39.762 ug/ml
4) T n-Dodecane (C12)	5.581	5303611	39.785 ug/ml
5) T A~2-methylnaphthalene...	6.187	6001689	40.892 ug/ml
6) T n-Tetradecane (C14)	7.335	5677897	41.592 ug/ml
7) T n-Hexadecane (C16)	8.897	5984248	42.651 ug/ml
8) T n-Octadecane (C18)	10.308	6428876	44.923 ug/ml
10) T n-Eicosane (C20)	11.589	6216504	43.573 ug/ml
11) T n-Heneicosane (C21)	12.187	6198634	43.245 ug/ml
13) T n-Docosane (C22)	12.759	6132687	43.037 ug/ml
14) T n-Tetracosane (C24)	13.835	11288773	80.444 ug/mlm
15) T n-Hexacosane (C26)	14.839	5726782	42.290 ug/ml
16) T n-Octacosane (C28)	15.765	5544334	42.572 ug/ml
17) T n-Tricontane (C30)	16.635	5068186	41.398 ug/ml
18) T n-Dotriacontane (C32)	17.446	4820501	43.235 ug/ml
19) T n-Tetratriacontane (C34)	18.210	4420810	43.343 ug/ml
20) T n-Hexatriacontane (C36)	18.931	4010812	42.353 ug/mlm
21) T n-Octatriacontane (C38)	19.614	3828334	41.494 ug/mlm
22) T n-Tetracontane (C40)	20.263	3812377	40.520 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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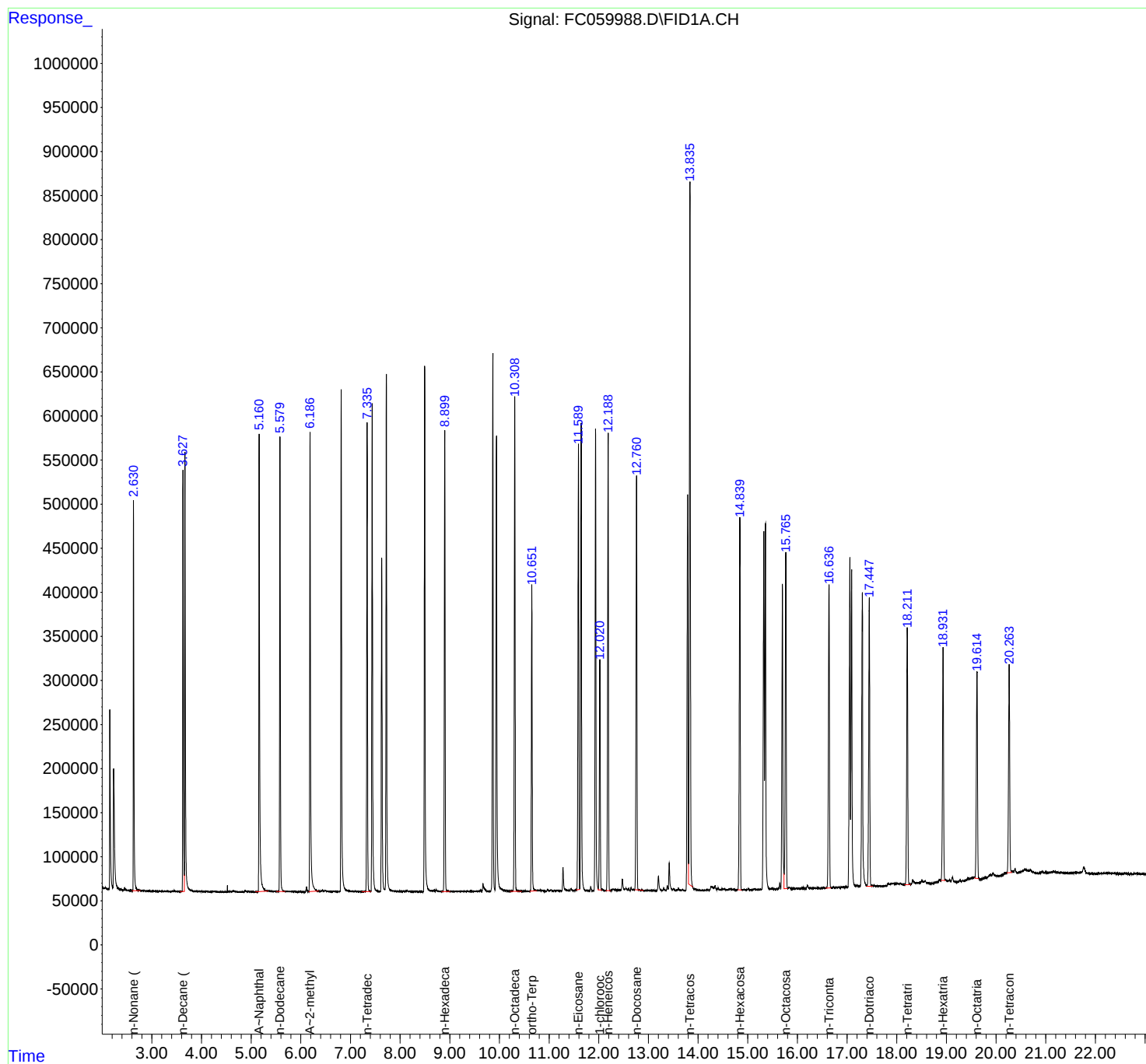
Instrument :
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WC-5MS

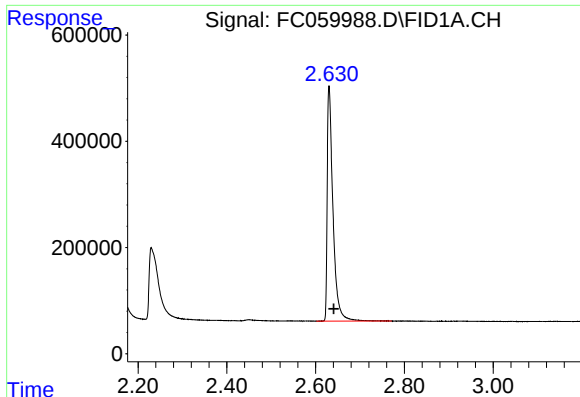
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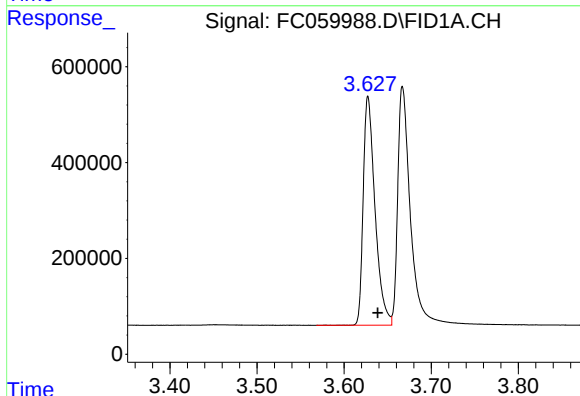
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.009 min
Response: 3995658
Conc: 31.22 ug/ml

Instrument :
FID_C
ClientSampleId :
WC-5MS

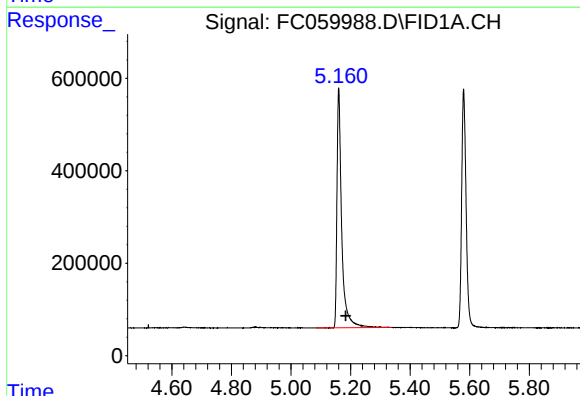
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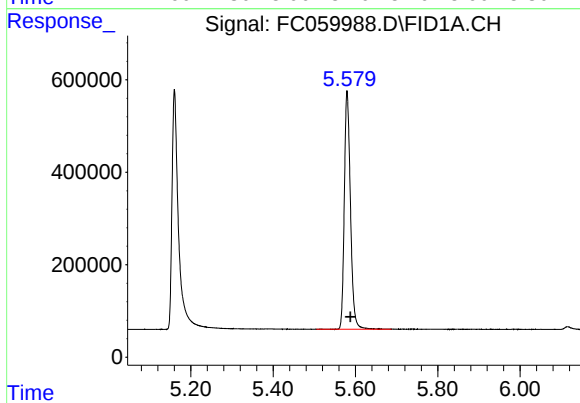
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.011 min
Response: 4502947
Conc: 35.20 ug/ml



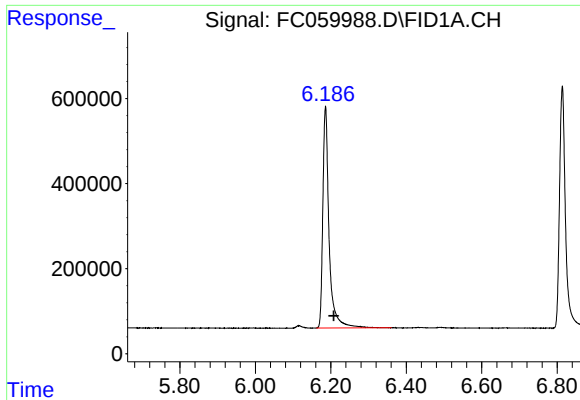
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.022 min
Response: 5747135
Conc: 39.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 5303611
Conc: 39.79 ug/ml



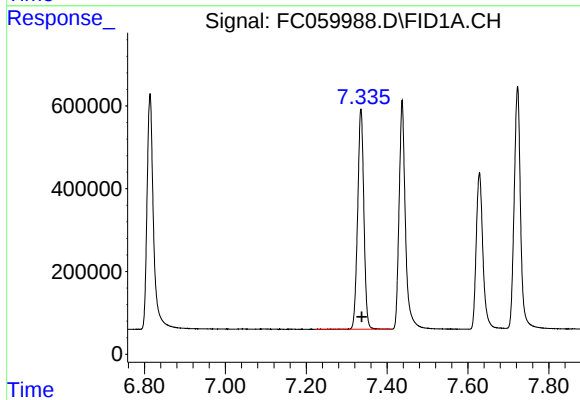
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.187 min
Delta R.T.: -0.022 min
Response: 6001689
Conc: 40.89 ug/ml

Instrument :
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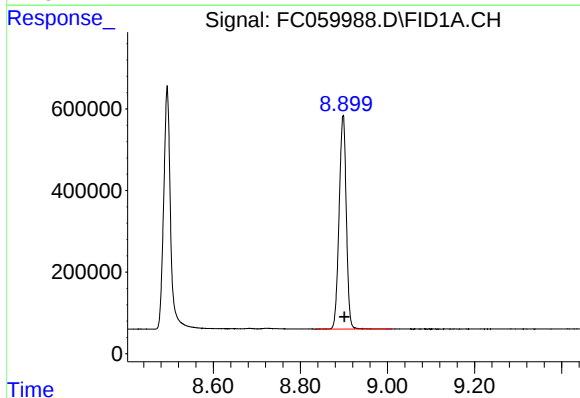
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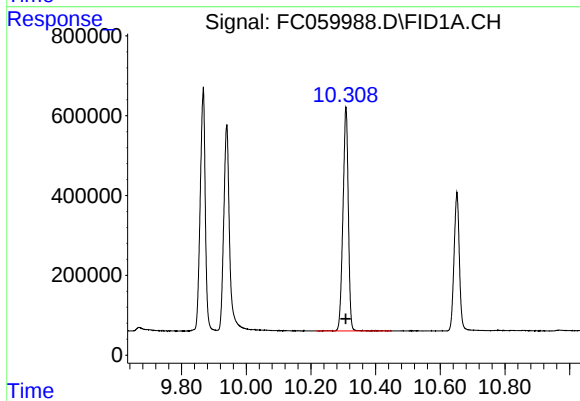
#6 n-Tetradecane (C14)

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 5677897
Conc: 41.59 ug/ml



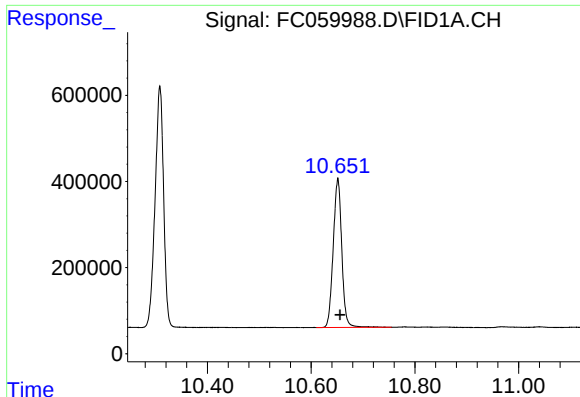
#7 n-Hexadecane (C16)

R.T.: 8.897 min
Delta R.T.: -0.004 min
Response: 5984248
Conc: 42.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 6428876
Conc: 44.92 ug/ml



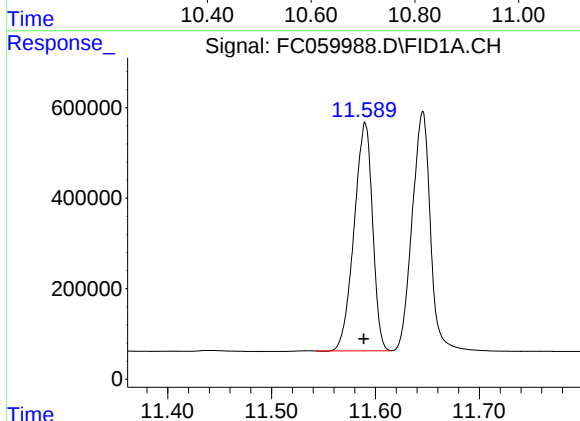
#9 ortho-Terphenyl (SURR)

R.T.: 10.651 min
Delta R.T.: -0.005 min
Response: 3958449
Conc: 25.44 ug/ml

Instrument :
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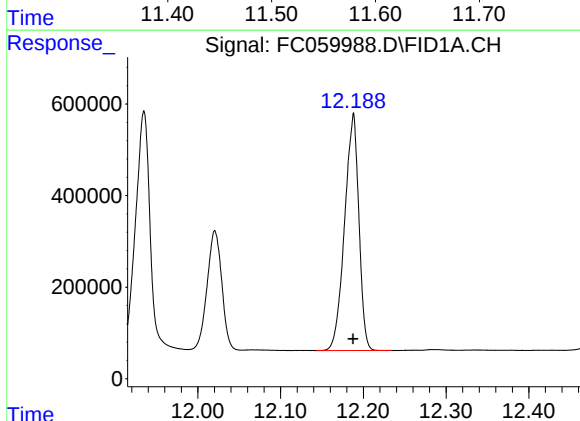
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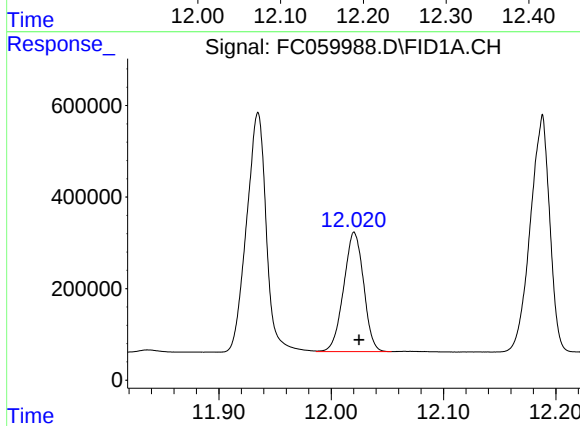
#10 n-Eicosane (C20)

R.T.: 11.589 min
Delta R.T.: 0.000 min
Response: 6216504
Conc: 43.57 ug/ml



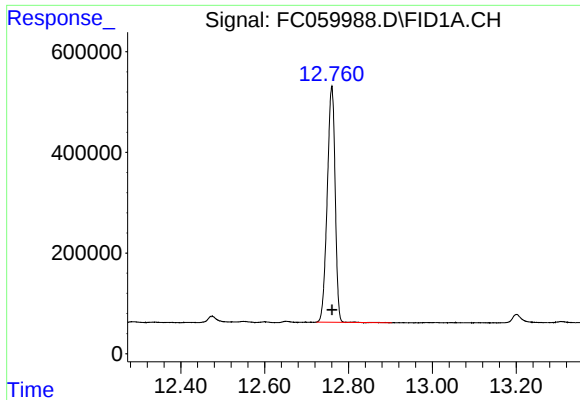
#11 n-Heneicosane (C21)

R.T.: 12.187 min
Delta R.T.: 0.000 min
Response: 6198634
Conc: 43.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.020 min
Delta R.T.: -0.005 min
Response: 3219862
Conc: 25.97 ug/ml m



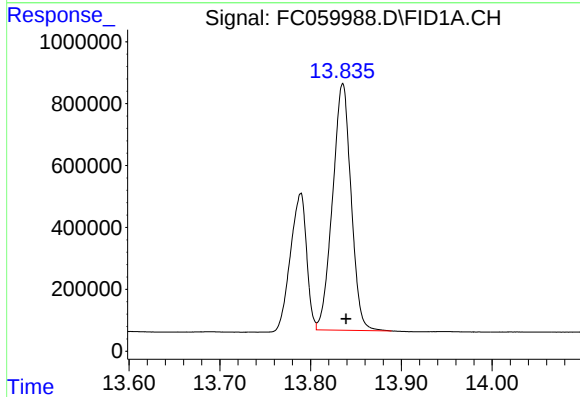
#13 n-Docosane (C22)

R.T.: 12.759 min
Delta R.T.: -0.001 min
Response: 6132687
Conc: 43.04 ug/ml

Instrument :
FID_C
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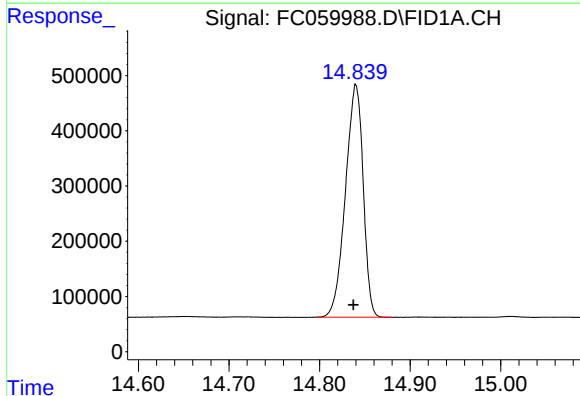
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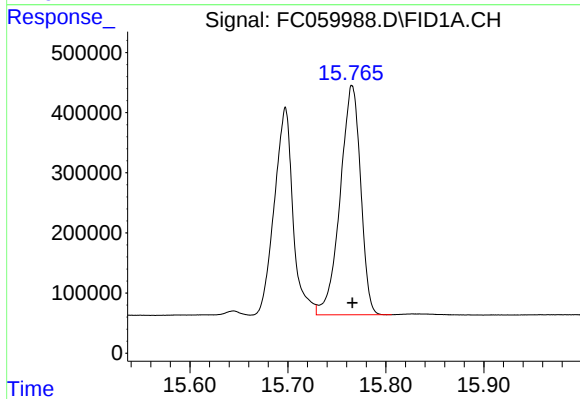
#14 n-Tetracosane (C24)

R.T.: 13.835 min
Delta R.T.: -0.004 min
Response: 11288773
Conc: 80.44 ug/ml m



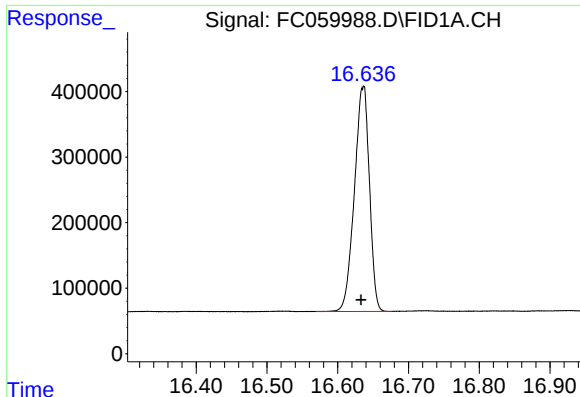
#15 n-Hexacosane (C26)

R.T.: 14.839 min
Delta R.T.: 0.002 min
Response: 5726782
Conc: 42.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.765 min
Delta R.T.: -0.001 min
Response: 5544334
Conc: 42.57 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.635 min
Delta R.T.: 0.002 min
Response: 5068186
Conc: 41.40 ug/ml

Instrument :

FID_C

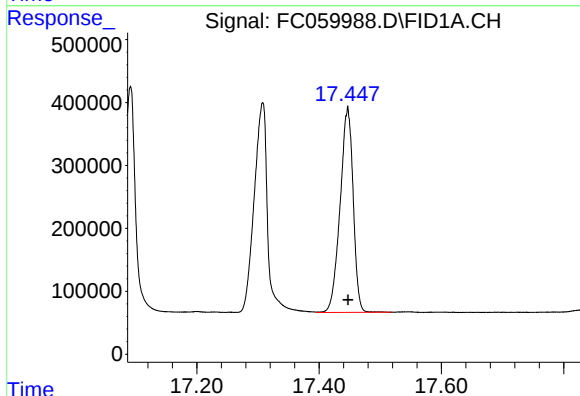
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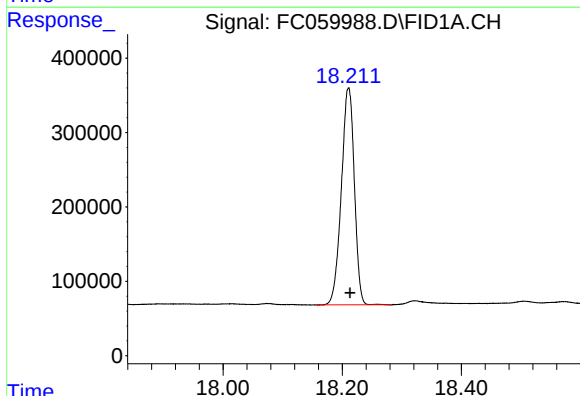
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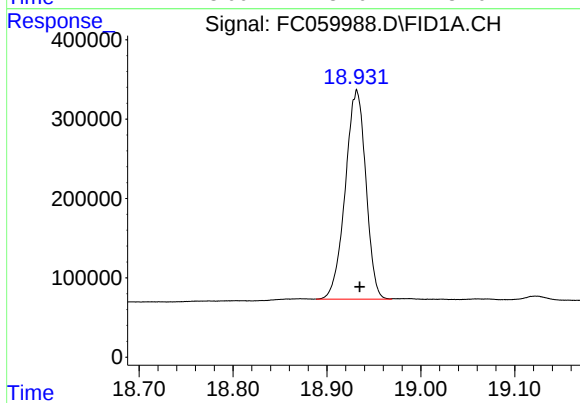
#18 n-Dotriacontane (C32)

R.T.: 17.446 min
Delta R.T.: -0.001 min
Response: 4820501
Conc: 43.23 ug/ml



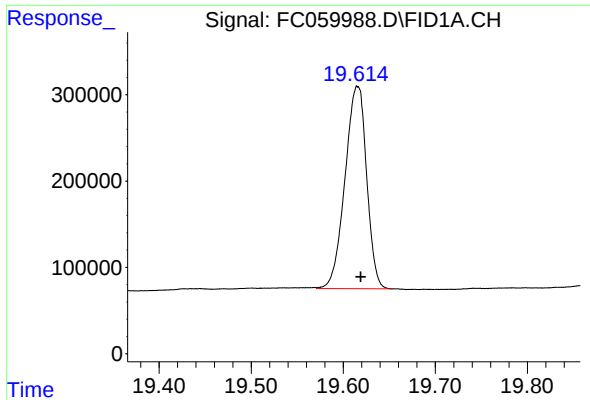
#19 n-Tetratriacontane (C34)

R.T.: 18.210 min
Delta R.T.: -0.003 min
Response: 4420810
Conc: 43.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.931 min
Delta R.T.: -0.004 min
Response: 4010812
Conc: 42.35 ug/ml m



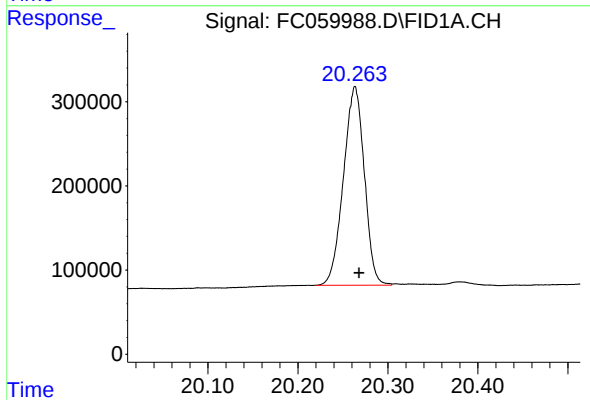
#21 n-Octatriacontane (C38)

R.T.: 19.614 min
Delta R.T.: -0.005 min
Response: 3828334
Conc: 41.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.263 min
Delta R.T.: -0.005 min
Response: 3812377
Conc: 40.52 ug/ml m