

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041822AL\
 Data File : FC059291.D
 Signal(s) : FID1A.CH
 Acq On : 18 Apr 2022 21:03
 Operator : UA/NP
 Sample : N2449-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

22L091-BMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2022

Supervised By :mohammad ahmed 04/20/2022

Integration File: autoint1.e

Quant Time: Apr 19 03:16:16 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M

Quant Title : GC Extractables

QLast Update : Fri Mar 25 23:18:46 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)	11.105	4241995	29.441 ug/ml
Spiked Amount 50.000		Recovery =	58.88%
12) S 1-chlorooctadecane (S...	12.552	3405008	30.376 ug/ml
Spiked Amount 50.000		Recovery =	60.75%
Target Compounds			
1) T n-Nonane (C9)	2.966	3454060	28.186 ug/ml
2) T n-Decane (C10)	4.007	3902524	31.846 ug/ml
3) T A~Naphthalene (C11.7)	5.554	4448220	35.429 ug/ml
4) T n-Dodecane (C12)	6.004	4277551	33.490 ug/ml
5) T A~2-methylnaphthalene...	6.603	4434704	34.593 ug/ml
6) T n-Tetradecane (C14)	7.789	4630347	35.612 ug/ml
7) T n-Hexadecane (C16)	9.380	4960968	37.359 ug/ml
8) T n-Octadecane (C18)	10.814	5249958	39.487 ug/ml
10) T n-Eicosane (C20)	12.117	5135275	39.193 ug/ml
11) T n-Heneicosane (C21)	12.725	4990409	38.247 ug/ml
13) T n-Docosane (C22)	13.309	4937593	38.115 ug/ml
14) T n-Tetracosane (C24)	14.407	5327617	42.174 ug/ml
15) T n-Hexacosane (C26)	15.426	4669043	38.653 ug/ml
16) T n-Octacosane (C28)	16.369	4746241	40.082 ug/ml
17) T n-Tricontane (C30)	17.256	4504505	39.487 ug/mlm
18) T n-Dotriacontane (C32)	18.084	4492685	41.937 ug/ml
19) T n-Tetratriacontane (C34)	18.865	4035994	39.946 ug/ml
20) T n-Hexatriacontane (C36)	19.601	3634391	38.037 ug/ml
21) T n-Octatriacontane (C38)	20.300	3269758	35.534 ug/ml
22) T n-Tetracontane (C40)	21.045	2802739	30.157 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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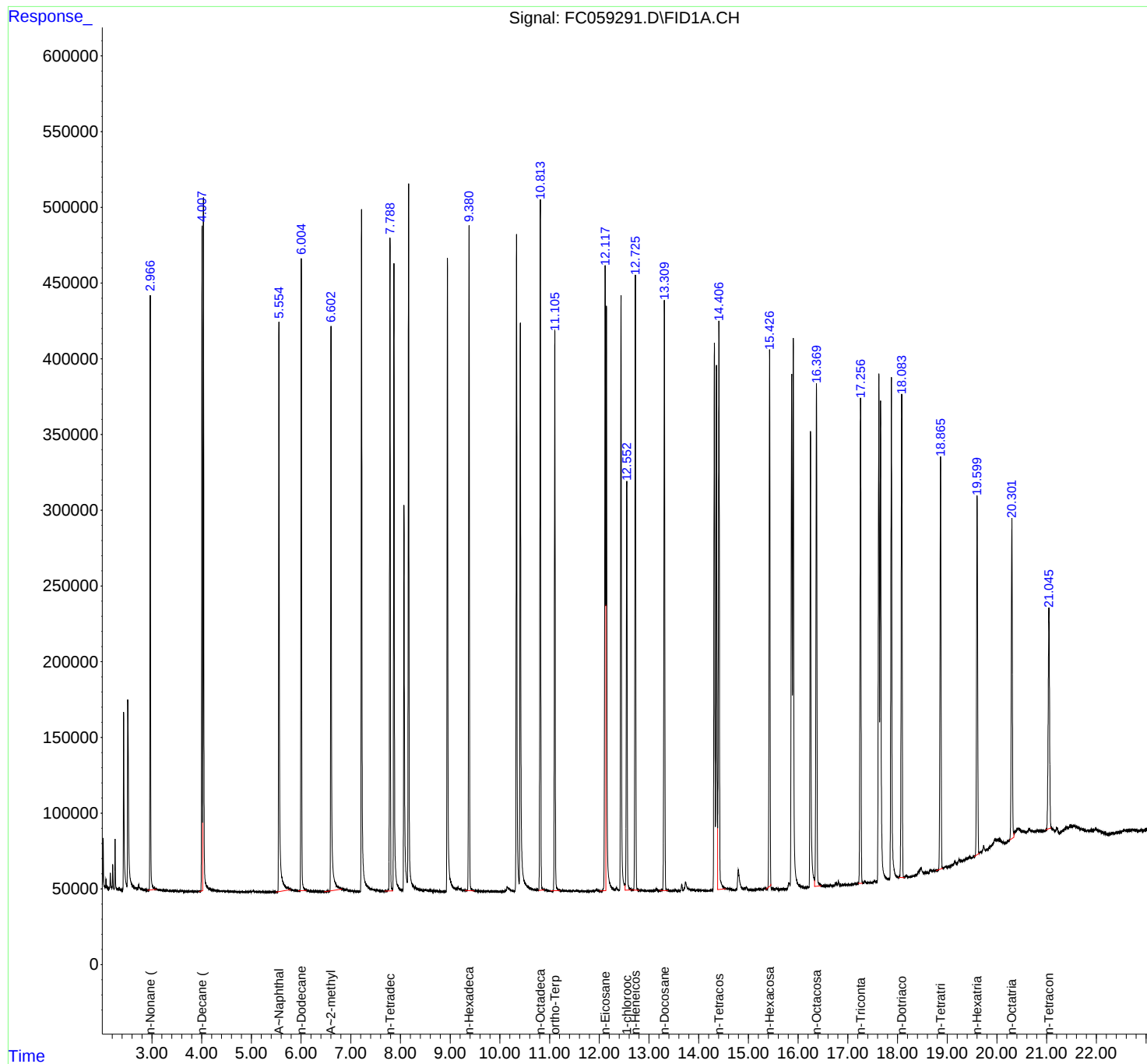
Instrument :
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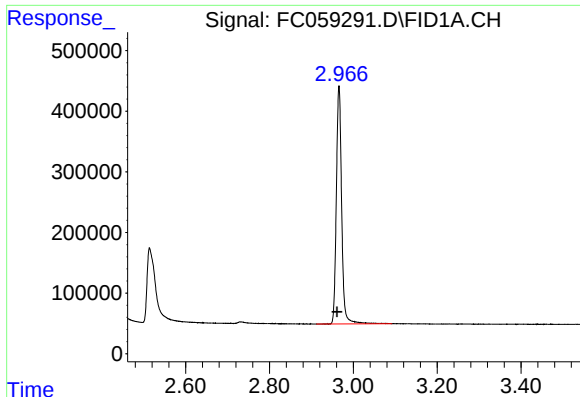
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.966 min
Delta R.T.: 0.005 min
Response: 3454060
Conc: 28.19 ug/ml

Instrument :

FID_C

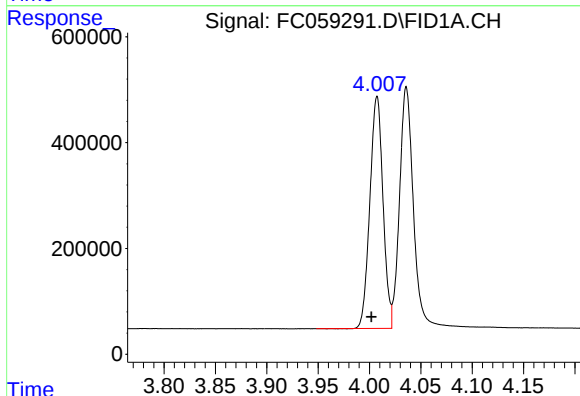
ClientSampleId :

22L091-BMSD

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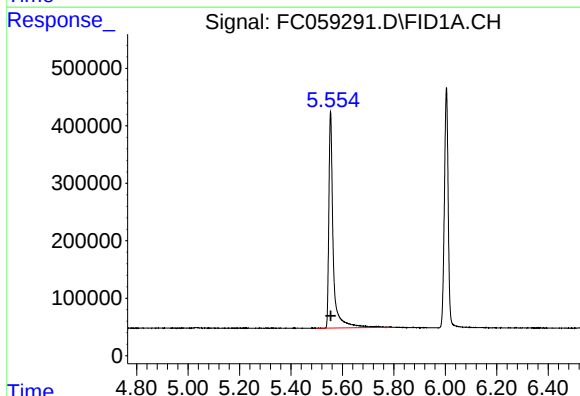
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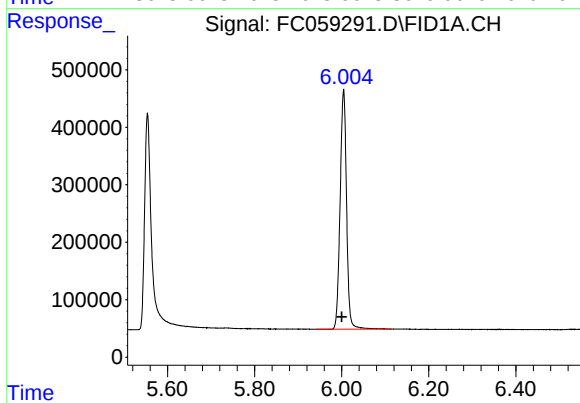
#2 n-Decane (C10)

R.T.: 4.007 min
Delta R.T.: 0.006 min
Response: 3902524
Conc: 31.85 ug/ml



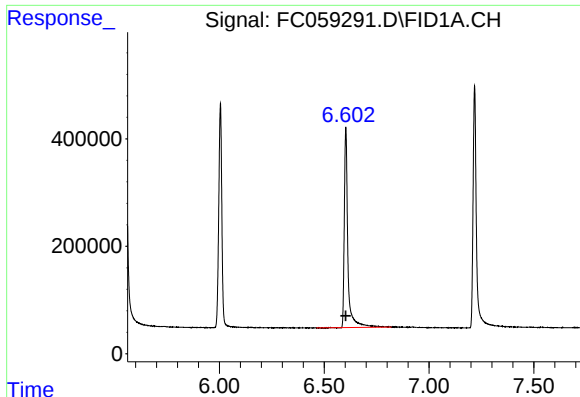
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 4448220
Conc: 35.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 4277551
Conc: 33.49 ug/ml



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

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 4434704
Conc: 34.59 ug/ml

Instrument :

FID_C

ClientSampleId :

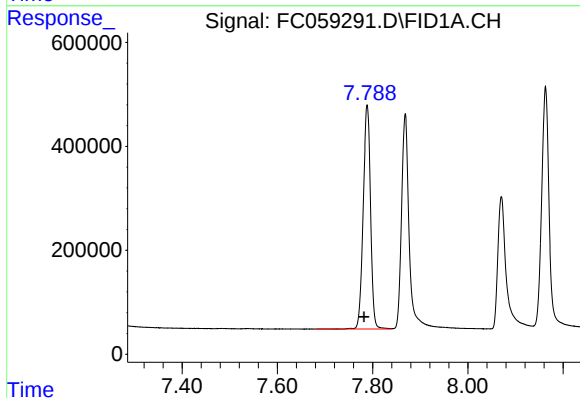
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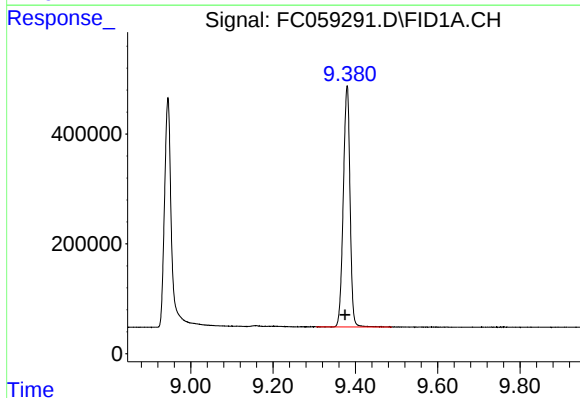
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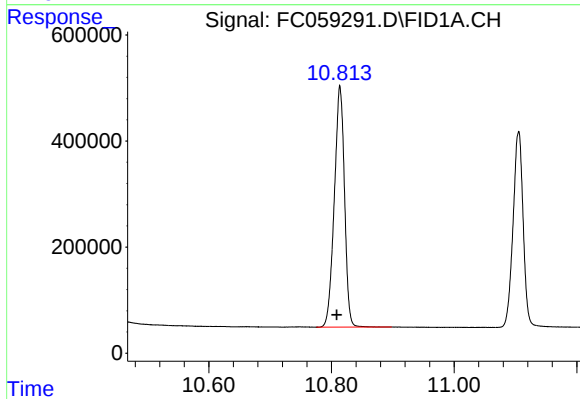
#6 n-Tetradecane (C14)

R.T.: 7.789 min
Delta R.T.: 0.006 min
Response: 4630347
Conc: 35.61 ug/ml



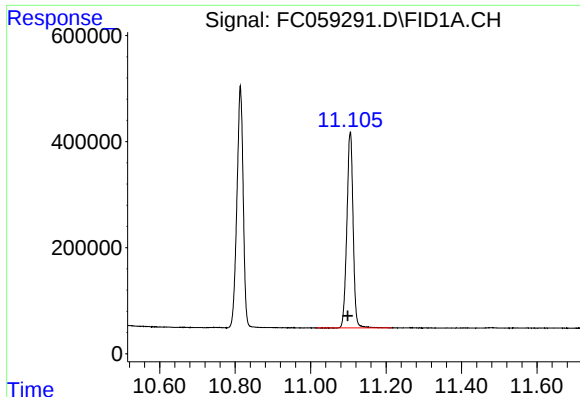
#7 n-Hexadecane (C16)

R.T.: 9.380 min
Delta R.T.: 0.005 min
Response: 4960968
Conc: 37.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.814 min
Delta R.T.: 0.005 min
Response: 5249958
Conc: 39.49 ug/ml



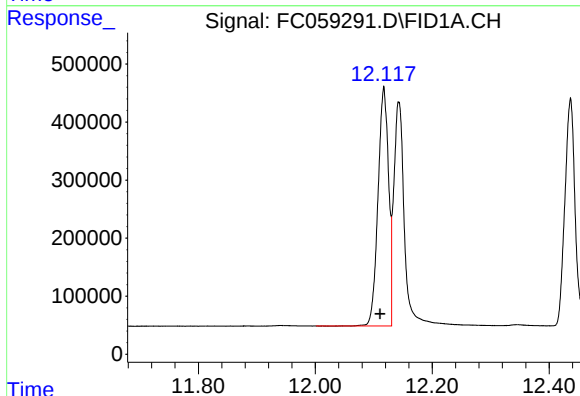
#9 ortho-Terphenyl (SURR)

R.T.: 11.105 min
Delta R.T.: 0.006 min
Response: 4241995
Conc: 29.44 ug/ml

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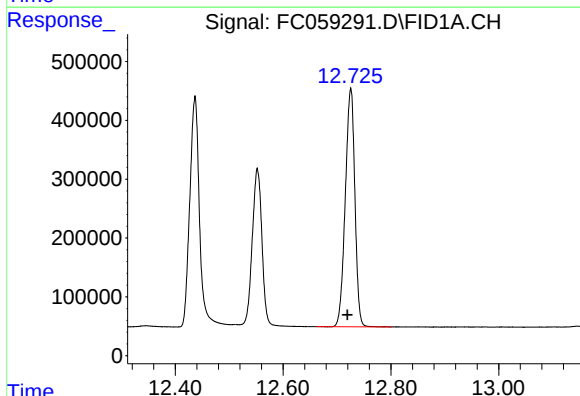
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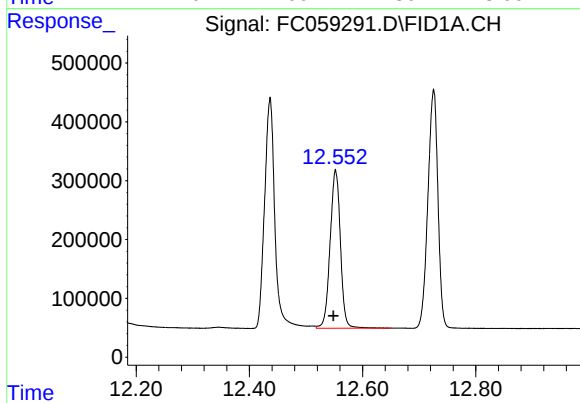
#10 n-Eicosane (C20)

R.T.: 12.117 min
Delta R.T.: 0.007 min
Response: 5135275
Conc: 39.19 ug/ml



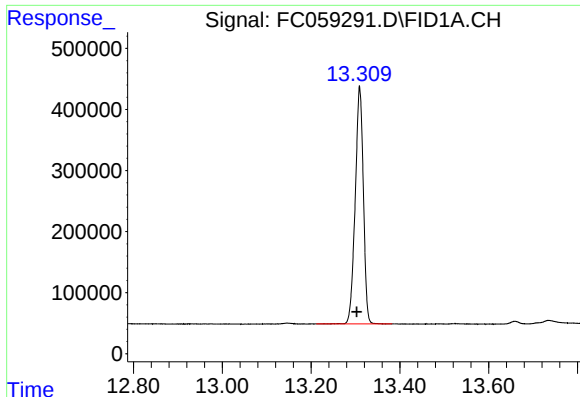
#11 n-Heneicosane (C21)

R.T.: 12.725 min
Delta R.T.: 0.006 min
Response: 4990409
Conc: 38.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.552 min
Delta R.T.: 0.004 min
Response: 3405008
Conc: 30.38 ug/ml



#13 n-Docosane (C22)

R.T.: 13.309 min
Delta R.T.: 0.007 min
Response: 4937593
Conc: 38.12 ug/ml

Instrument :

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ClientSampleId :

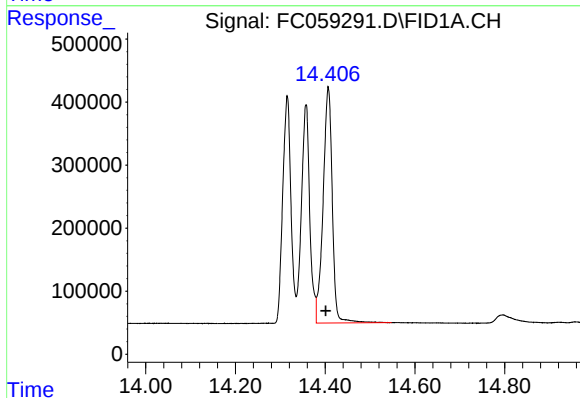
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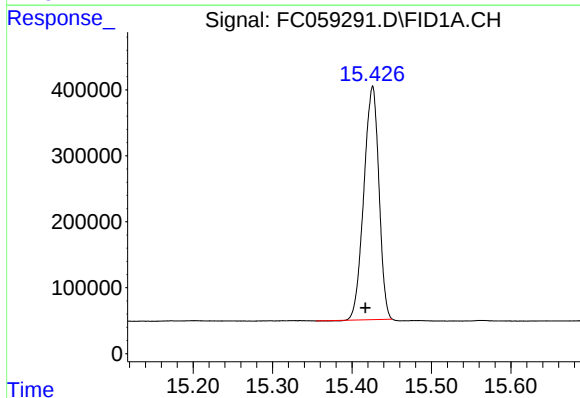
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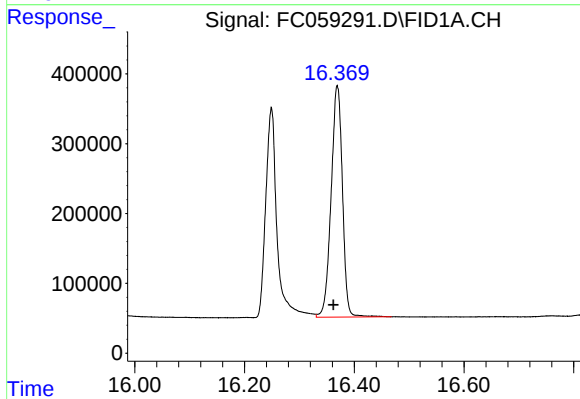
#14 n-Tetracosane (C24)

R.T.: 14.407 min
Delta R.T.: 0.006 min
Response: 5327617
Conc: 42.17 ug/ml



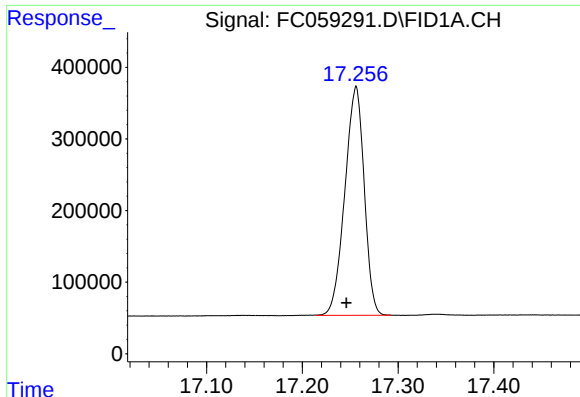
#15 n-Hexacosane (C26)

R.T.: 15.426 min
Delta R.T.: 0.008 min
Response: 4669043
Conc: 38.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.369 min
Delta R.T.: 0.007 min
Response: 4746241
Conc: 40.08 ug/ml



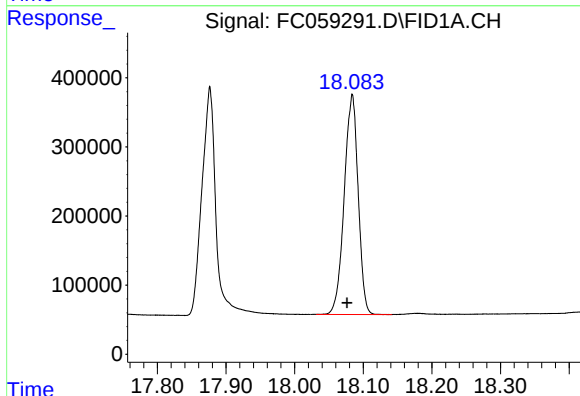
#17 n-Tricontane (C30)

R.T.: 17.256 min
Delta R.T.: 0.010 min
Response: 4504505
Conc: 39.49 ug/ml

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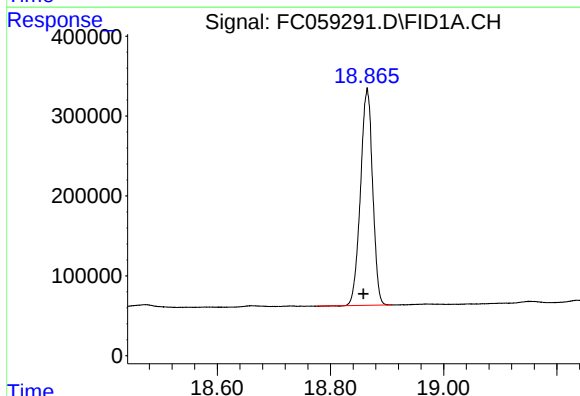
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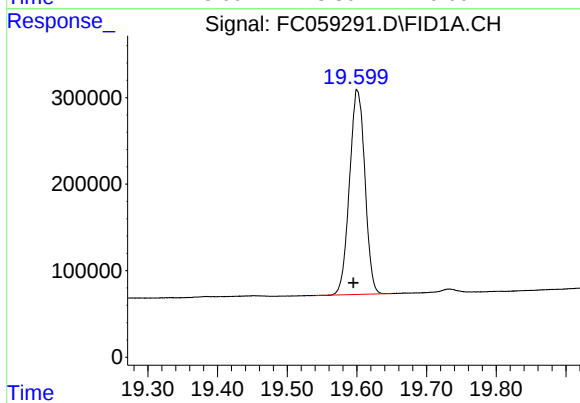
#18 n-Dotriacontane (C32)

R.T.: 18.084 min
Delta R.T.: 0.007 min
Response: 4492685
Conc: 41.94 ug/ml



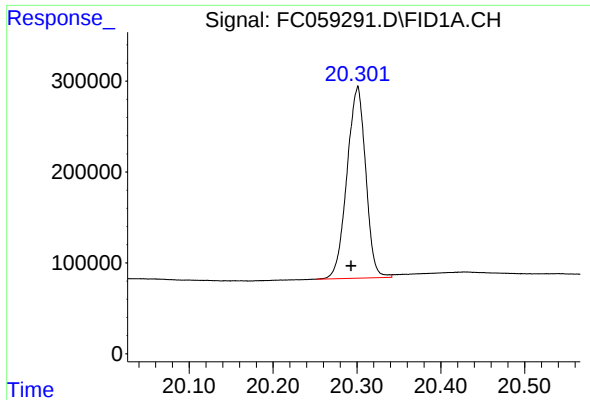
#19 n-Tetratriacontane (C34)

R.T.: 18.865 min
Delta R.T.: 0.007 min
Response: 4035994
Conc: 39.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.601 min
Delta R.T.: 0.006 min
Response: 3634391
Conc: 38.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.300 min
Delta R.T.: 0.007 min
Response: 3269758
Conc: 35.53 ug/ml

Instrument :

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ClientSampleId :

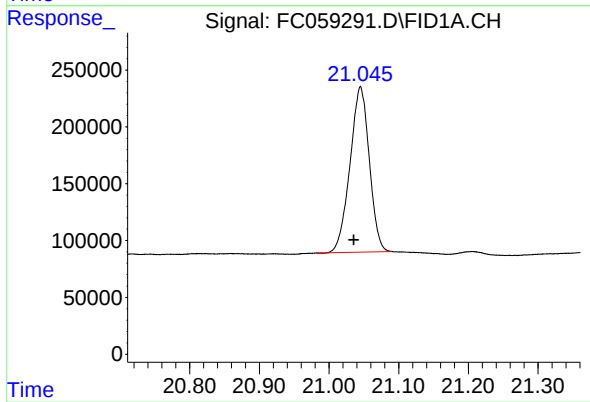
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#22 n-Tetracontane (C40)

R.T.: 21.045 min
Delta R.T.: 0.009 min
Response: 2802739
Conc: 30.16 ug/ml