

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112921AL\
 Data File : FD039669.D
 Signal(s) : FID2B.CH
 Acq On : 29 Nov 2021 14:16
 Operator : AJ\MA
 Sample : M4798-02MSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

SB-1-4.5MSD

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 11/29/2021

Supervised By :mohammad ahmed 11/29/2021

Integration File: autoint1.e

Quant Time: Nov 29 15:28:04 2021

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112321.M

Quant Title : GC Extractables

QLast Update : Wed Nov 24 01:36:43 2021

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)	11.665	6257843	49.122 ug/mlm
Spiked Amount 50.000		Recovery =	98.24%
12) S 1-chlorooctadecane (S...	13.088	5046341	51.300 ug/mlm
Spiked Amount 50.000		Recovery =	102.60%
Target Compounds			
1) T n-Nonane (C9)	3.440	5919396	51.810 ug/ml
2) T n-Decane (C10)	4.498	6252053	54.361 ug/ml
3) T A~Naphthalene (C11.7)	6.083	7547624	59.315 ug/ml
4) T n-Dodecane (C12)	6.506	6881383	59.758 ug/mlm
5) T A~2-methylnaphthalene...	7.138	7898374	62.026 ug/mlm
6) T n-Tetradecane (C14)	8.302	7287688	62.893 ug/mlm
7) T n-Hexadecane (C16)	9.901	7713005	66.337 ug/mlm
8) T n-Octadecane (C18)	11.341	6828843	57.470 ug/mlm
10) T n-Eicosane (C20)	12.645	7482817	63.773 ug/mlm
11) T n-Heneicosane (C21)	13.254	6701257	56.969 ug/mlm
13) T n-Docosane (C22)	13.839	6648628	57.319 ug/ml
14) T n-Tetracosane (C24)	14.937	11950493	102.409 ug/ml
15) T n-Hexacosane (C26)	15.956	6162318	55.612 ug/ml
16) T n-Octacosane (C28)	16.901	5793521	54.005 ug/ml
17) T n-Tricontane (C30)	17.787	5393701	50.600 ug/ml
18) T n-Dotriacontane (C32)	18.613	4852274	46.589 ug/ml
19) T n-Tetratriacontane (C34)	19.394	4402445	43.808 ug/mlm
20) T n-Hexatriacontane (C36)	20.130	4130411	42.925 ug/ml
21) T n-Octatriacontane (C38)	20.868	4027984	42.919 ug/ml
22) T n-Tetracontane (C40)	21.790	4123622	42.772 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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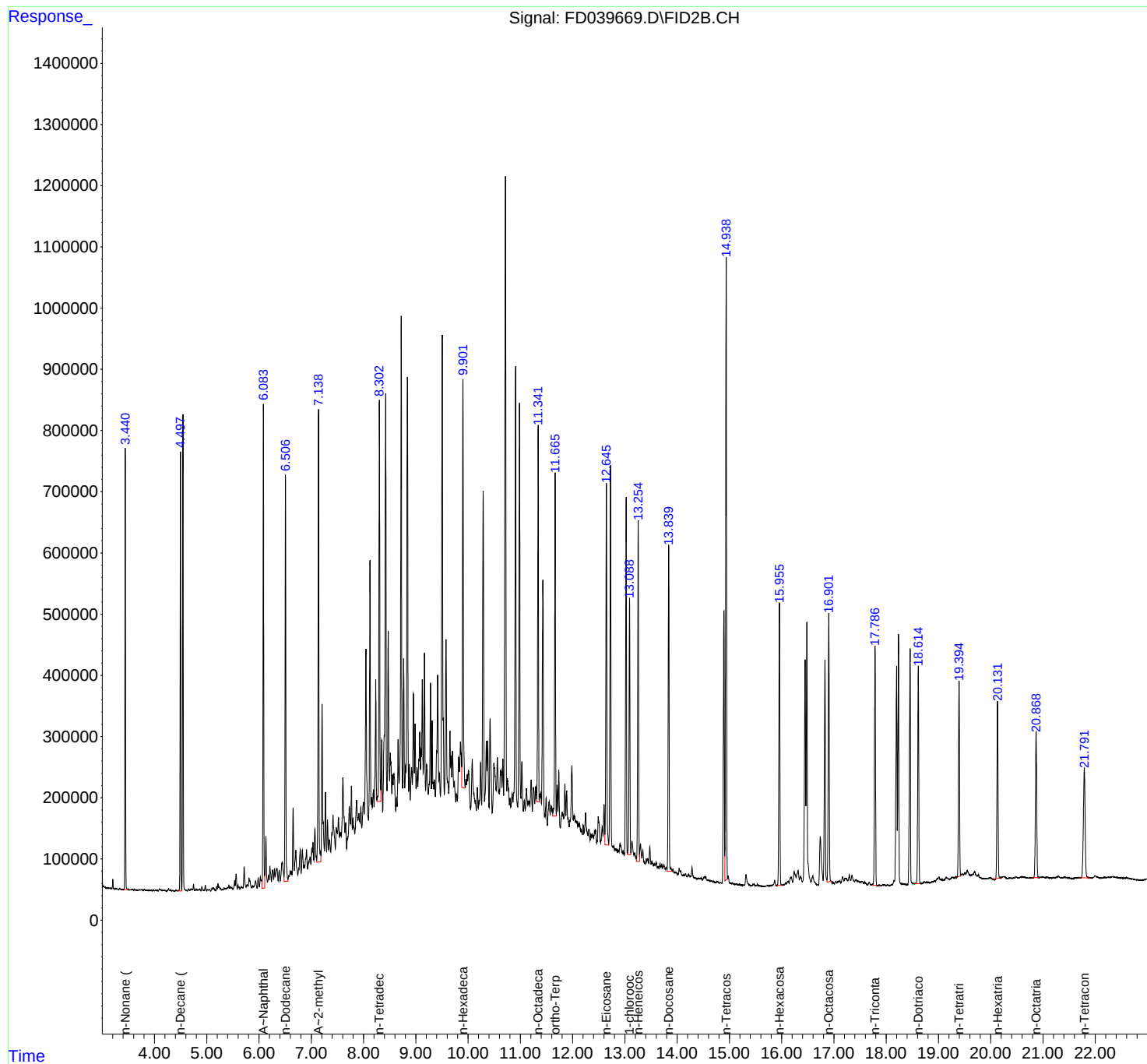
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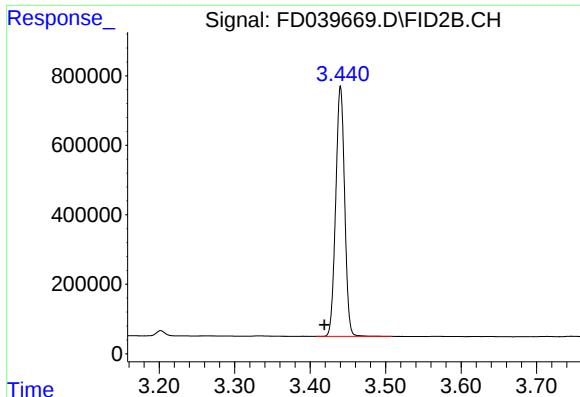
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.440 min
Delta R.T.: 0.021 min
Response: 5919396
Conc: 51.81 ug/ml

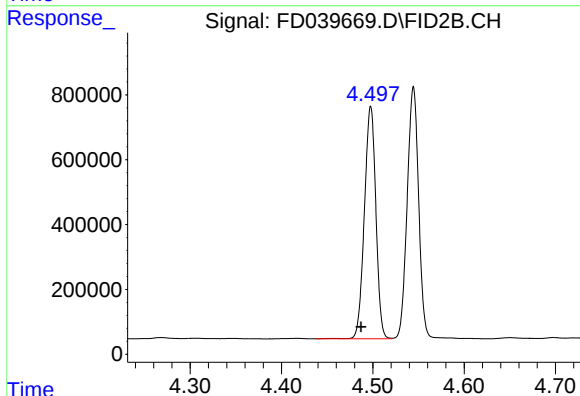
Instrument :

FID_D

ClientSampleId :
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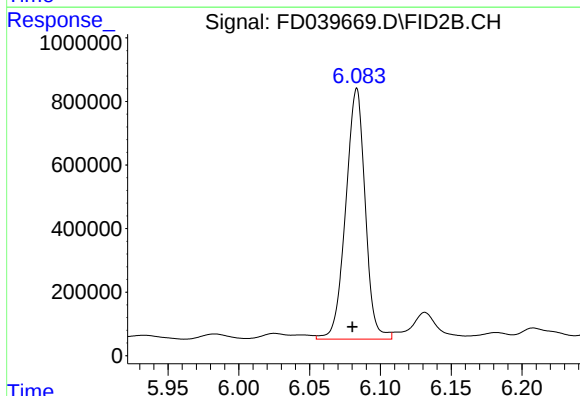
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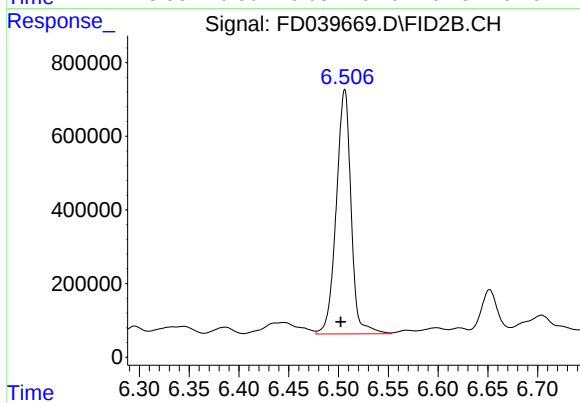
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: 0.010 min
Response: 6252053
Conc: 54.36 ug/ml



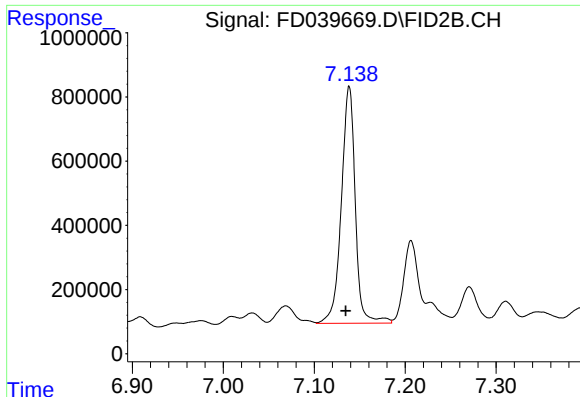
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: 0.003 min
Response: 7547624
Conc: 59.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.004 min
Response: 6881383
Conc: 59.76 ug/ml m



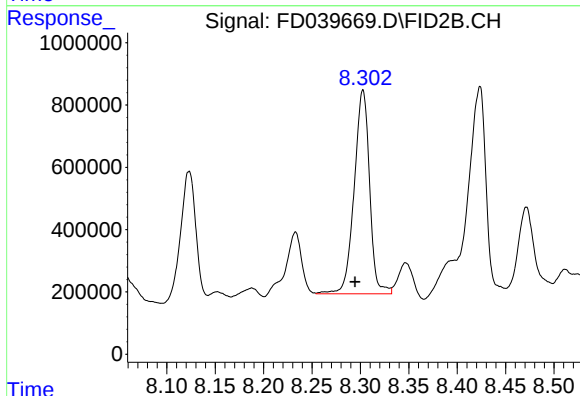
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: 0.003 min
Response: 7898374
Conc: 62.03 ug/ml

Instrument :
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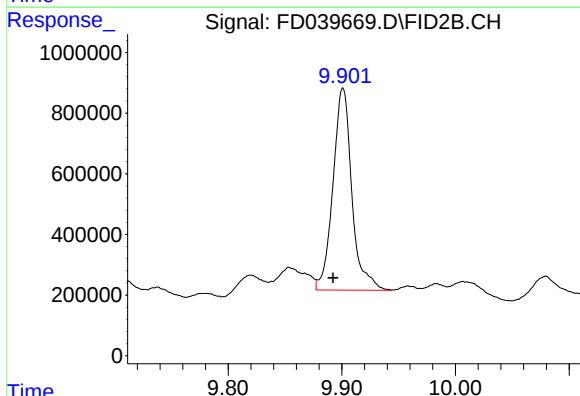
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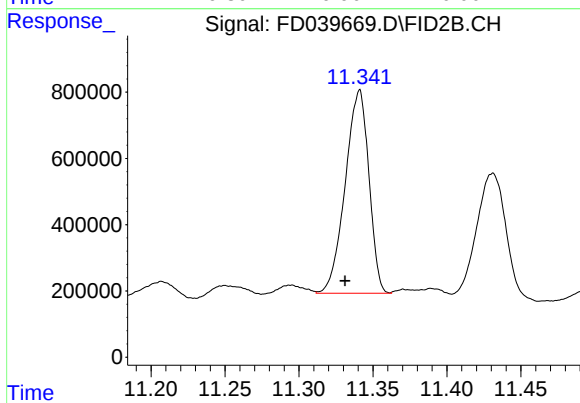
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: 0.008 min
Response: 7287688
Conc: 62.89 ug/ml m



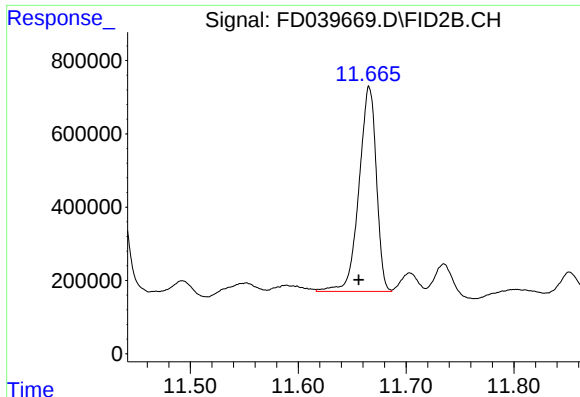
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: 0.008 min
Response: 7713005
Conc: 66.34 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.341 min
Delta R.T.: 0.010 min
Response: 6828843
Conc: 57.47 ug/ml m



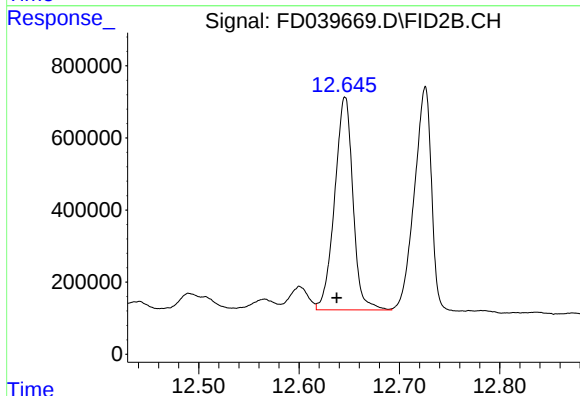
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min
Delta R.T.: 0.009 min
Response: 6257843
Conc: 49.12 ug/ml

Instrument :
FID_D
ClientSampleId :
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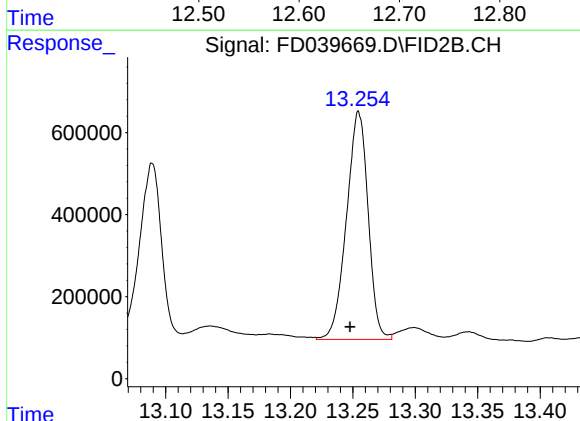
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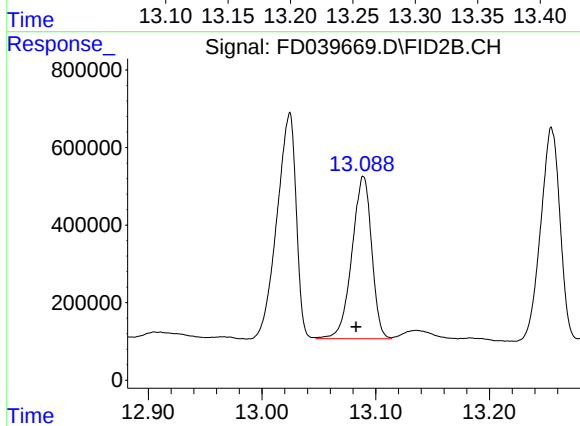
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: 0.008 min
Response: 7482817
Conc: 63.77 ug/ml m



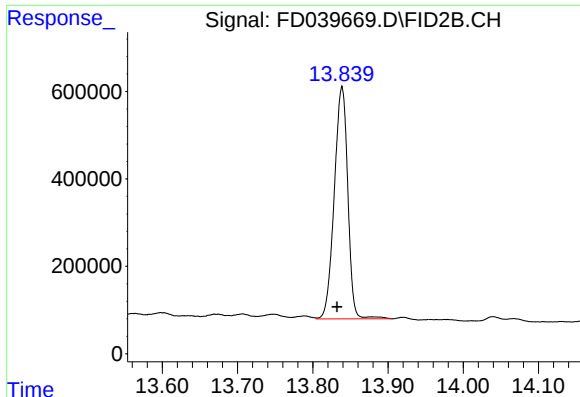
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: 0.006 min
Response: 6701257
Conc: 56.97 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: 0.005 min
Response: 5046341
Conc: 51.30 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.839 min
Delta R.T.: 0.006 min
Response: 6648628
Conc: 57.32 ug/ml

Instrument :

FID_D

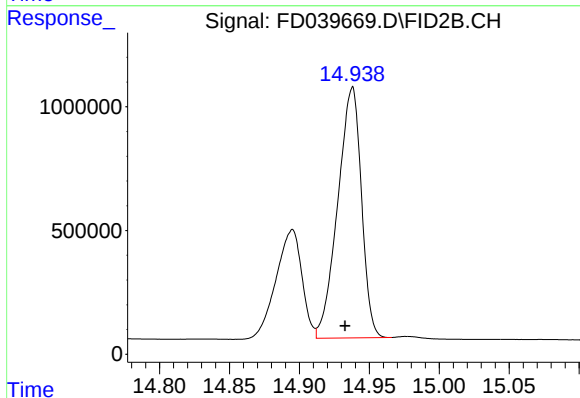
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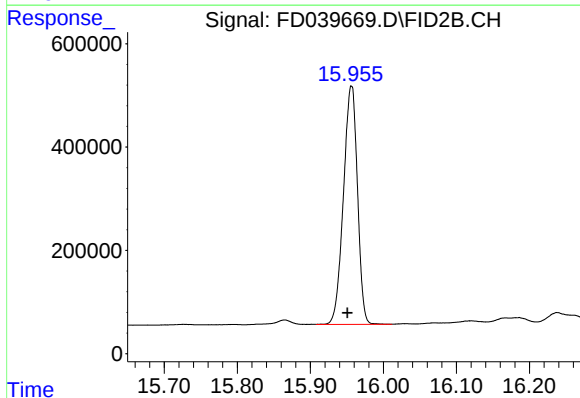
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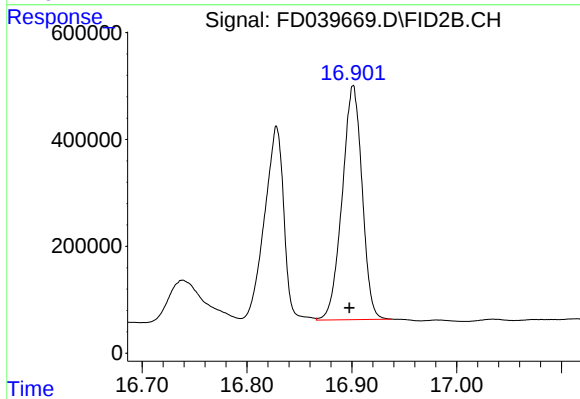
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: 0.005 min
Response: 11950493
Conc: 102.41 ug/ml



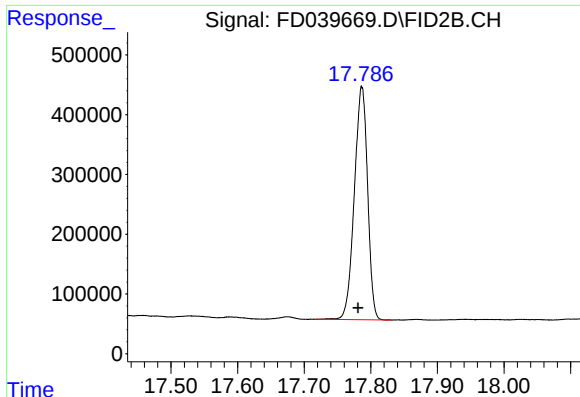
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: 0.005 min
Response: 6162318
Conc: 55.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.901 min
Delta R.T.: 0.003 min
Response: 5793521
Conc: 54.01 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.787 min
Delta R.T.: 0.006 min
Response: 5393701
Conc: 50.60 ug/ml

Instrument :

FID_D

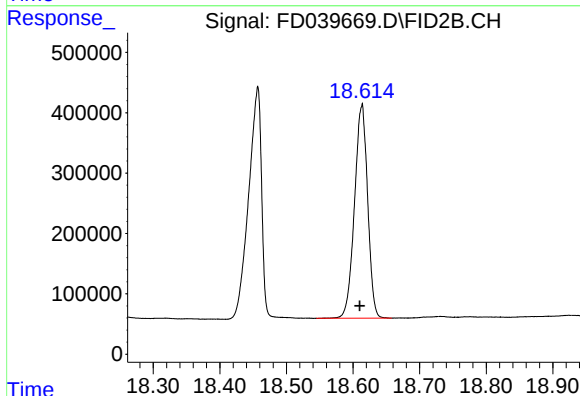
ClientSampleId :

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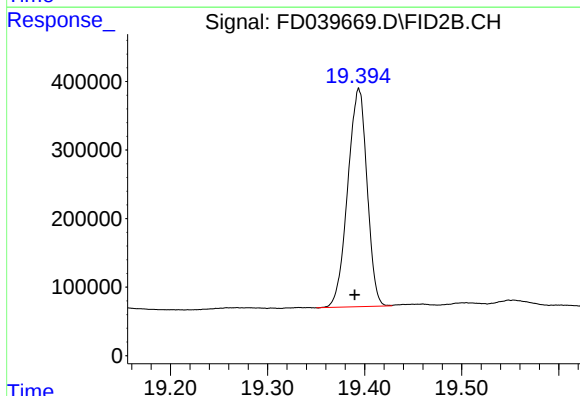
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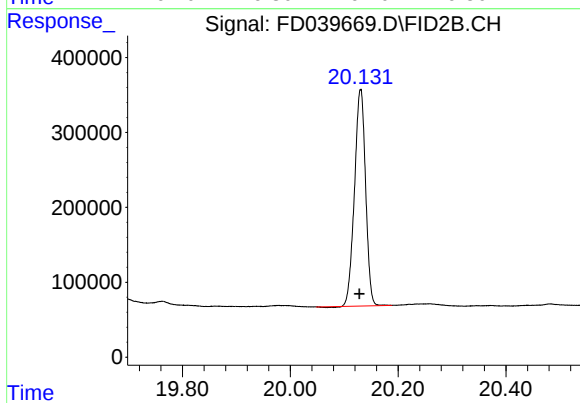
#18 n-Dotriacontane (C32)

R.T.: 18.613 min
Delta R.T.: 0.003 min
Response: 4852274
Conc: 46.59 ug/ml



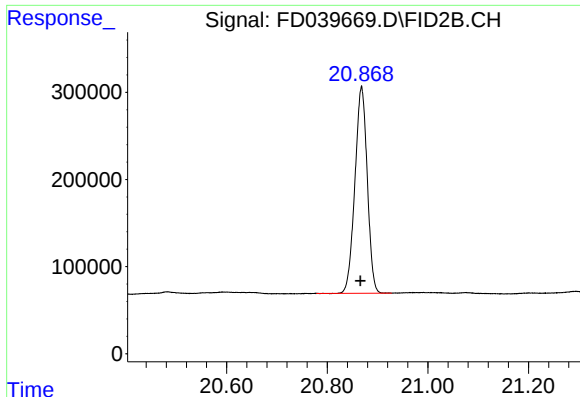
#19 n-Tetratriacontane (C34)

R.T.: 19.394 min
Delta R.T.: 0.004 min
Response: 4402445
Conc: 43.81 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.130 min
Delta R.T.: 0.002 min
Response: 4130411
Conc: 42.92 ug/ml



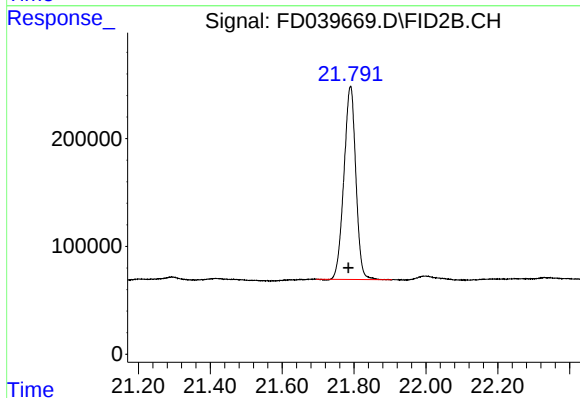
#21 n-Octatriacontane (C38)

R.T.: 20.868 min
Delta R.T.: 0.002 min
Response: 4027984
Conc: 42.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.790 min
Delta R.T.: 0.006 min
Response: 4123622
Conc: 42.77 ug/ml