

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121521AL\
 Data File : FD039942.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2021 4:03
 Operator : AJ\MA
 Sample : PB141349BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB141349BS

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 12/16/2021

Supervised By :Yogesh Patel 12/16/2021

Integration File: sample.E

Quant Time: Dec 16 05:21:09 2021

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M

Quant Title : GC Extractables

QLast Update : Wed Dec 15 16:44:55 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)	10.792	7563535	48.179 ug/ml
Spiked Amount 50.000		Recovery =	96.36%
12) S 1-chlorooctadecane (S...	12.223	6002853	48.609 ug/ml
Spiked Amount 50.000		Recovery =	97.22%
Target Compounds			
1) T n-Nonane (C9)	2.691	5759430	40.927 ug/ml
2) T n-Decane (C10)	3.689	6015362	42.175 ug/ml
3) T A~Naphthalene (C11.7)	5.237	7080114	44.106 ug/ml
4) T n-Dodecane (C12)	5.666	6328373	44.322 ug/ml
5) T A~2-methylnaphthalene...	6.282	7105438	44.030 ug/ml
6) T n-Tetradecane (C14)	7.451	6841991	47.471 ug/ml
7) T n-Hexadecane (C16)	9.041	7604254	52.271 ug/ml
8) T n-Octadecane (C18)	10.478	8020161	53.898 ug/ml
10) T n-Eicosane (C20)	11.782	7913573	54.109 ug/ml
11) T n-Heneicosane (C21)	12.391	7796430	53.066 ug/ml
13) T n-Docosane (C22)	12.976	7712041	52.812 ug/ml
14) T n-Tetracosane (C24)	14.074	7468309	51.278 ug/ml
15) T n-Hexacosane (C26)	15.093	7276628	51.881 ug/ml
16) T n-Octacosane (C28)	16.038	7108438	52.412 ug/ml
17) T n-Tricontane (C30)	16.925	6714571	51.384 ug/ml
18) T n-Dotriacontane (C32)	17.753	6327538	50.842 ug/ml
19) T n-Tetratriacontane (C34)	18.534	6016856	49.816 ug/mlm
20) T n-Hexatriacontane (C36)	19.272	5500800	47.832 ug/mlm
21) T n-Octatriacontane (C38)	19.988	5204279	46.624 ug/mlm
22) T n-Tetracontane (C40)	20.851	5277692	46.318 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : PB141349BS
Misc :
ALS Vial : 75 Sample Multiplier: 1

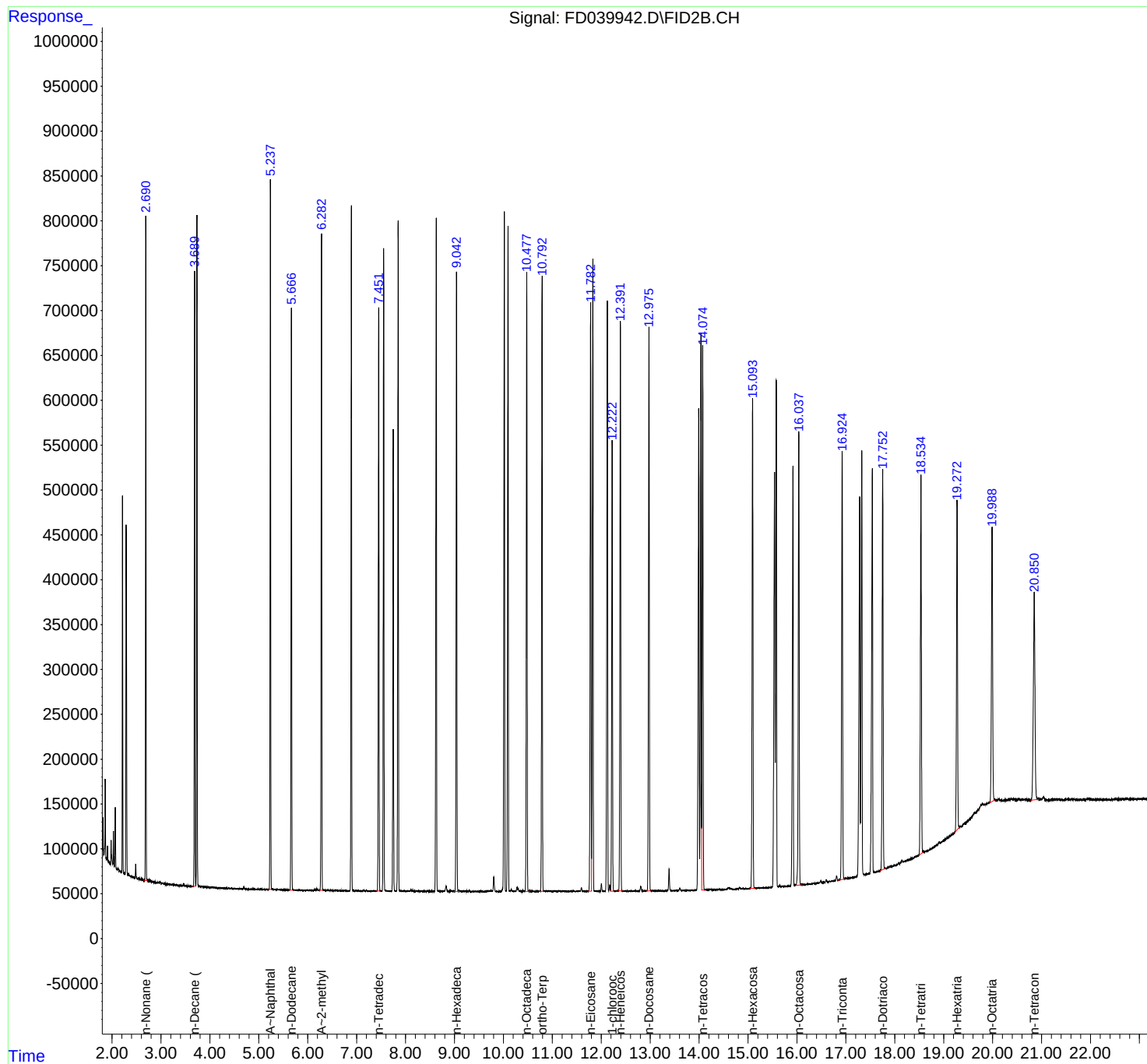
Instrument :
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ClientSampleId :
PB141349BS

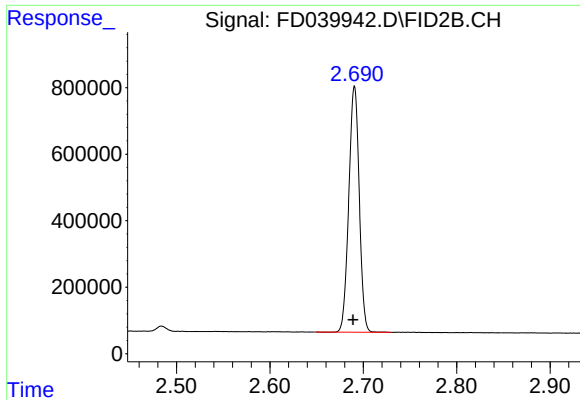
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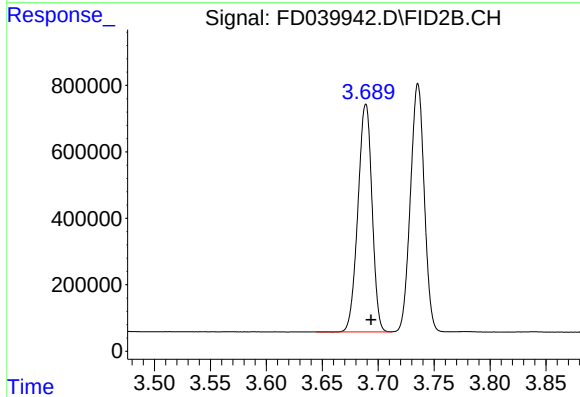
#1 n-Nonane (C9)

R.T.: 2.691 min
Delta R.T.: 0.002 min
Response: 5759430
Conc: 40.93 ug/ml

Instrument :
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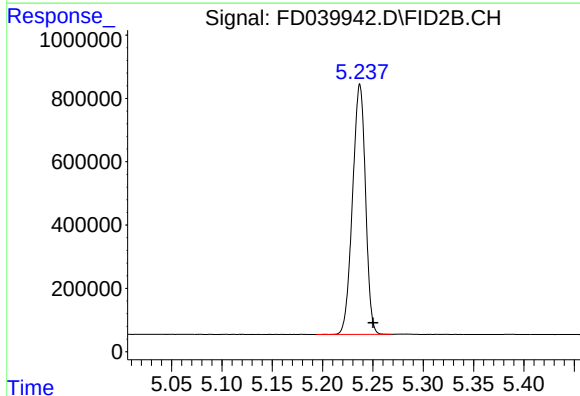
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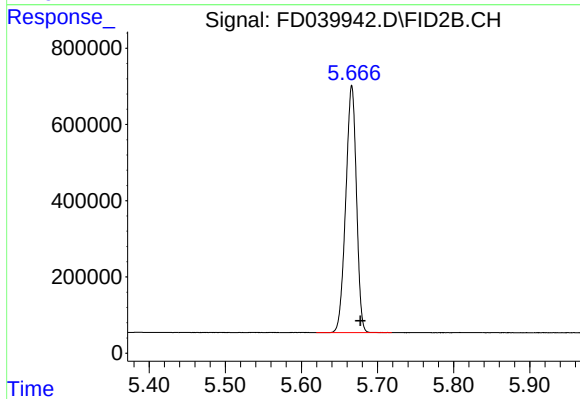
#2 n-Decane (C10)

R.T.: 3.689 min
Delta R.T.: -0.005 min
Response: 6015362
Conc: 42.17 ug/ml



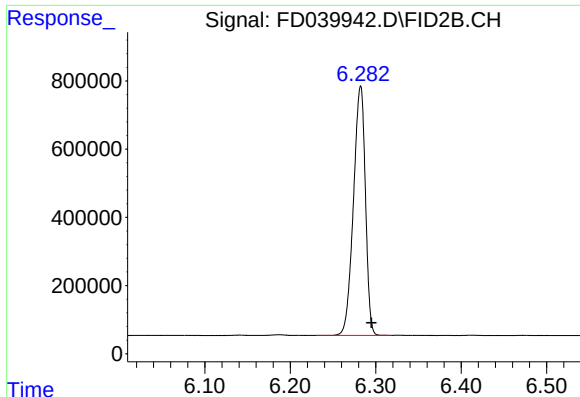
#3 A~Naphthalene (C11.7)

R.T.: 5.237 min
Delta R.T.: -0.013 min
Response: 7080114
Conc: 44.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.666 min
Delta R.T.: -0.011 min
Response: 6328373
Conc: 44.32 ug/ml



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

R.T.: 6.282 min
Delta R.T.: -0.013 min
Response: 7105438
Conc: 44.03 ug/ml

Instrument :

FID_D

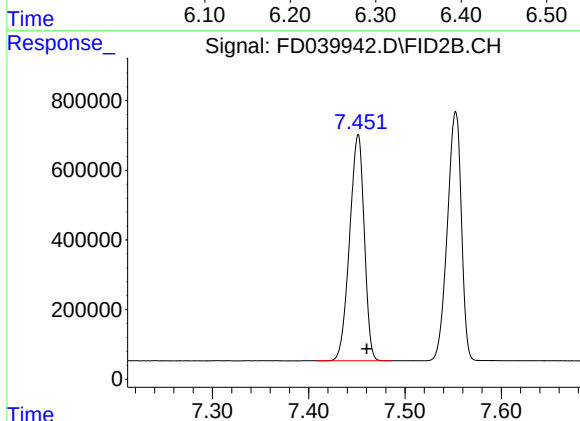
ClientSampleId :

PB141349BS

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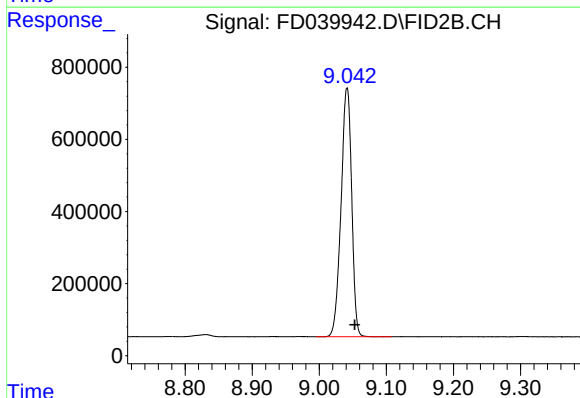
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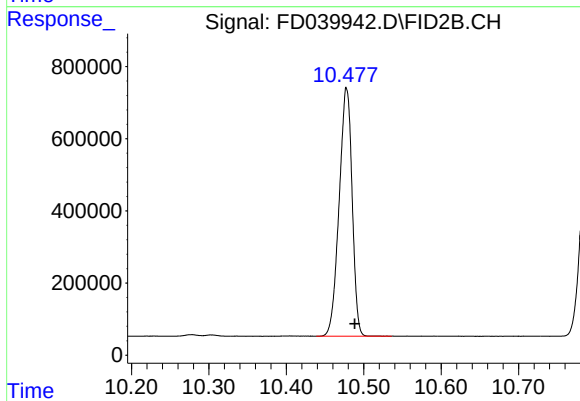
#6 n-Tetradecane (C14)

R.T.: 7.451 min
Delta R.T.: -0.009 min
Response: 6841991
Conc: 47.47 ug/ml



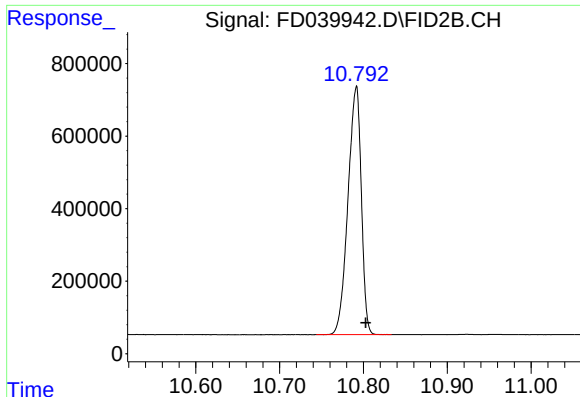
#7 n-Hexadecane (C16)

R.T.: 9.041 min
Delta R.T.: -0.011 min
Response: 7604254
Conc: 52.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.478 min
Delta R.T.: -0.011 min
Response: 8020161
Conc: 53.90 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.792 min
Delta R.T.: -0.011 min
Response: 7563535
Conc: 48.18 ug/ml

Instrument :

FID_D

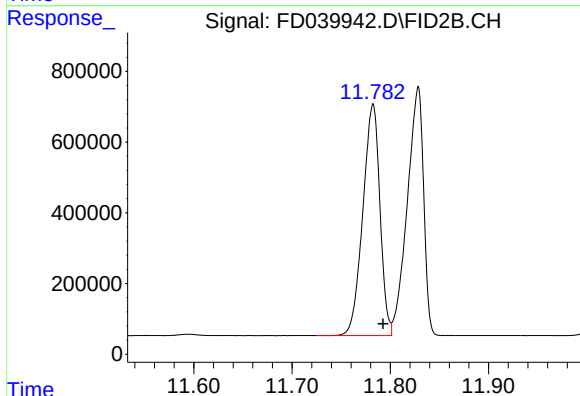
ClientSampleId :

PB141349BS

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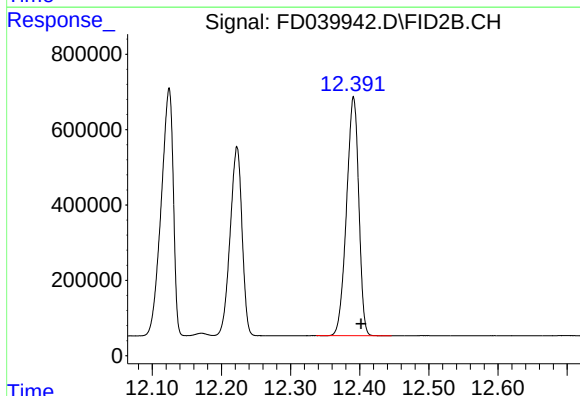
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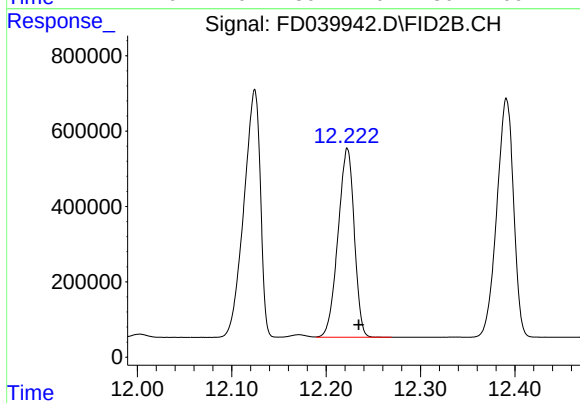
#10 n-Eicosane (C20)

R.T.: 11.782 min
Delta R.T.: -0.010 min
Response: 7913573
Conc: 54.11 ug/ml



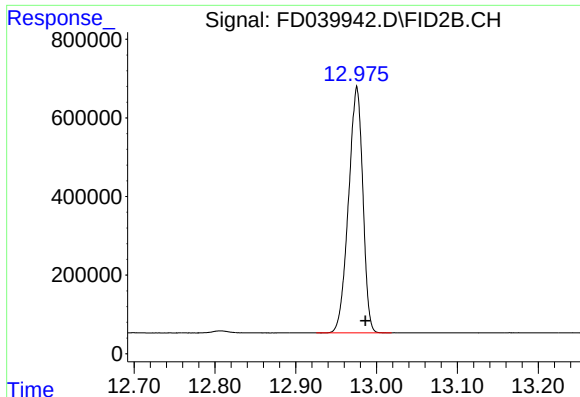
#11 n-Heneicosane (C21)

R.T.: 12.391 min
Delta R.T.: -0.011 min
Response: 7796430
Conc: 53.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.223 min
Delta R.T.: -0.012 min
Response: 6002853
Conc: 48.61 ug/ml



#13 n-Docosane (C22)

R.T.: 12.976 min
Delta R.T.: -0.010 min
Response: 7712041
Conc: 52.81 ug/ml

Instrument :

FID_D

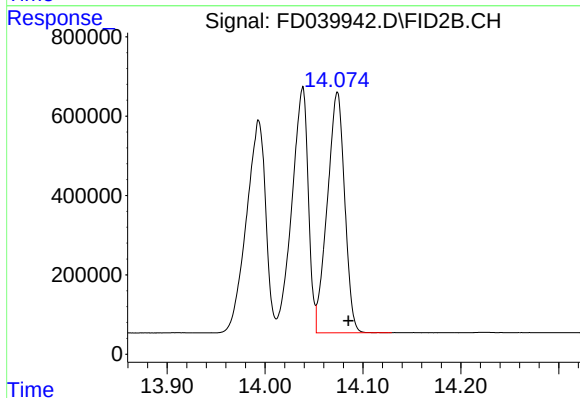
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PB141349BS

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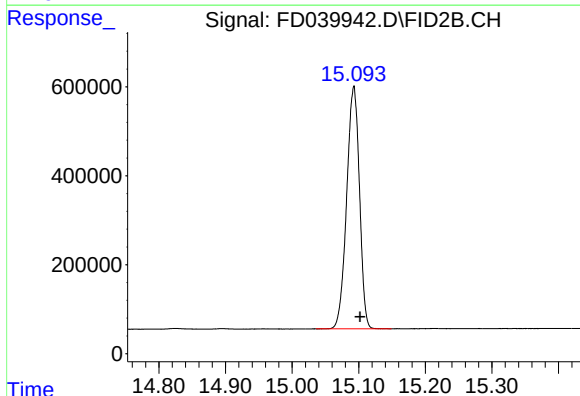
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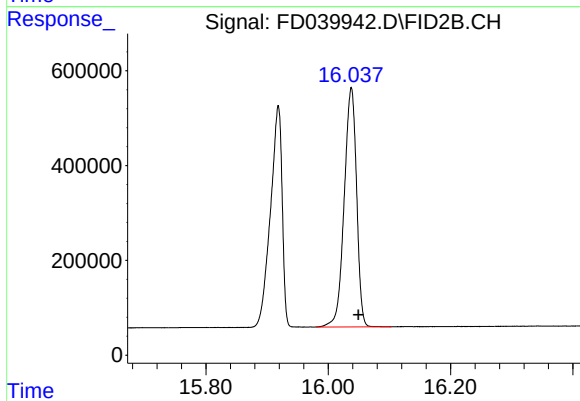
#14 n-Tetracosane (C24)

R.T.: 14.074 min
Delta R.T.: -0.011 min
Response: 7468309
Conc: 51.28 ug/ml



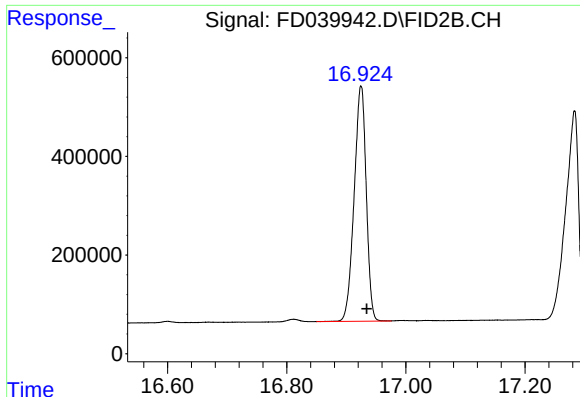
#15 n-Hexacosane (C26)

R.T.: 15.093 min
Delta R.T.: -0.009 min
Response: 7276628
Conc: 51.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.038 min
Delta R.T.: -0.011 min
Response: 7108438
Conc: 52.41 ug/ml



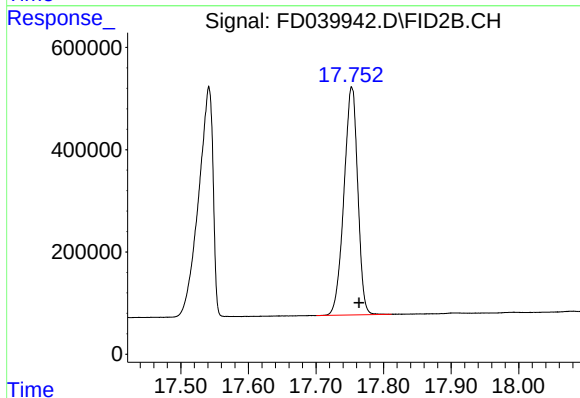
#17 n-Tricontane (C30)

R.T.: 16.925 min
Delta R.T.: -0.009 min
Response: 6714571
Conc: 51.38 ug/ml

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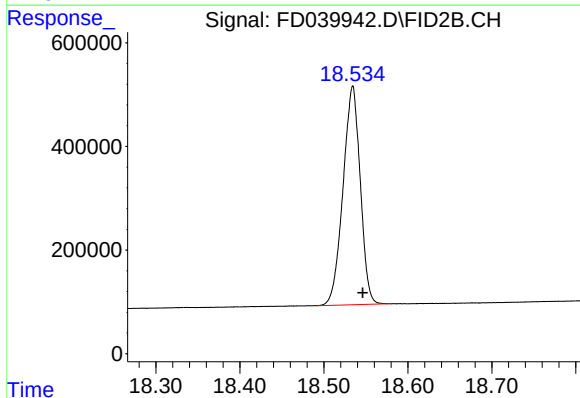
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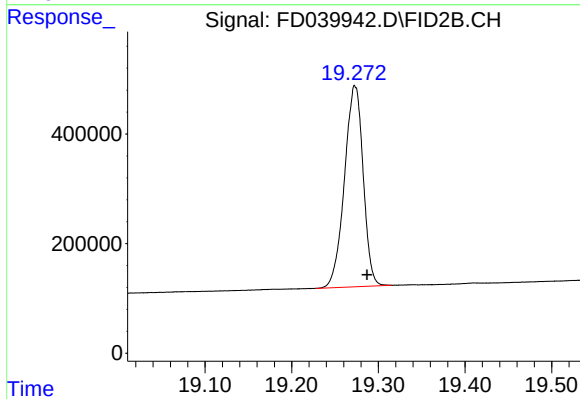
#18 n-Dotriacontane (C32)

R.T.: 17.753 min
Delta R.T.: -0.011 min
Response: 6327538
Conc: 50.84 ug/ml



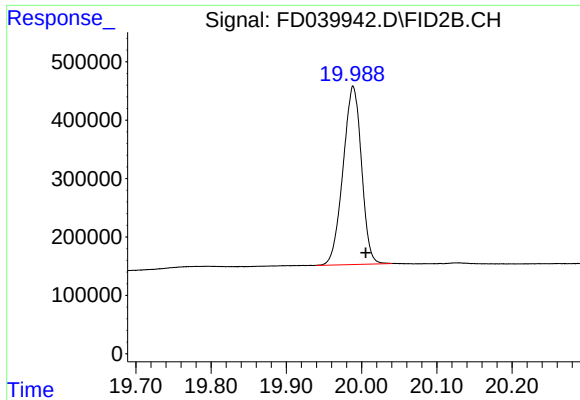
#19 n-Tetratriacontane (C34)

R.T.: 18.534 min
Delta R.T.: -0.012 min
Response: 6016856
Conc: 49.82 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.272 min
Delta R.T.: -0.015 min
Response: 5500800
Conc: 47.83 ug/ml m



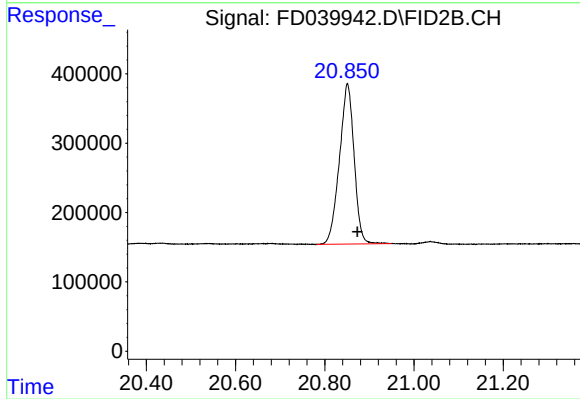
#21 n-Octatriacontane (C38)

R.T.: 19.988 min
Delta R.T.: -0.017 min
Response: 5204279
Conc: 46.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.851 min
Delta R.T.: -0.023 min
Response: 5277692
Conc: 46.32 ug/ml