

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050622AL\
 Data File : FD042361.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2022 1:20
 Operator : UA/NP
 Sample : PB144636BS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB144636BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/09/2022

Supervised By :mohammad ahmed 05/10/2022

Integration File: autoint1.e

Quant Time: May 09 00:49:40 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Fri Apr 22 01:55:29 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)	11.219	9891379	58.980 ug/ml
Spiked Amount 50.000		Recovery =	117.96%
12) S 1-chlorooctadecane (S...	12.656	8051555	61.016 ug/ml
Spiked Amount 50.000		Recovery =	122.03%
Target Compounds			
1) T n-Nonane (C9)	3.091	2411246	17.690 ug/ml
2) T n-Decane (C10)	4.133	2466375	18.404 ug/ml
3) T A~Naphthalene (C11.7)	5.683	2694146	18.586 ug/ml
4) T n-Dodecane (C12)	6.125	2602771	18.282 ug/ml
5) T A~2-methylnaphthalene...	6.728	3009992	21.600 ug/ml
6) T n-Tetradecane (C14)	7.903	4421381	31.039 ug/ml
7) T n-Hexadecane (C16)	9.489	8346907	57.439 ug/ml
8) T n-Octadecane (C18)	10.921	9998002	66.709 ug/ml
10) T n-Eicosane (C20)	12.221	9930142	64.876 ug/ml
11) T n-Heneicosane (C21)	12.828	9768619	63.364 ug/ml
13) T n-Docosane (C22)	13.409	9658004	62.656 ug/ml
14) T n-Tetracosane (C24)	14.505	9950637	64.341 ug/ml
15) T n-Hexacosane (C26)	15.522	9254591	60.166 ug/ml
16) T n-Octacosane (C28)	16.464	9064308	59.286 ug/ml
17) T n-Tricontane (C30)	17.350	8651382	57.677 ug/ml
18) T n-Dotriacontane (C32)	18.174	8575093	60.645 ug/ml
19) T n-Tetratriacontane (C34)	18.952	7748350	60.209 ug/ml
20) T n-Hexatriacontane (C36)	19.687	7254944	64.112 ug/mlm
21) T n-Octatriacontane (C38)	20.384	6985345	70.010 ug/mlm
22) T n-Tetracontane (C40)	21.160	6774195	75.103 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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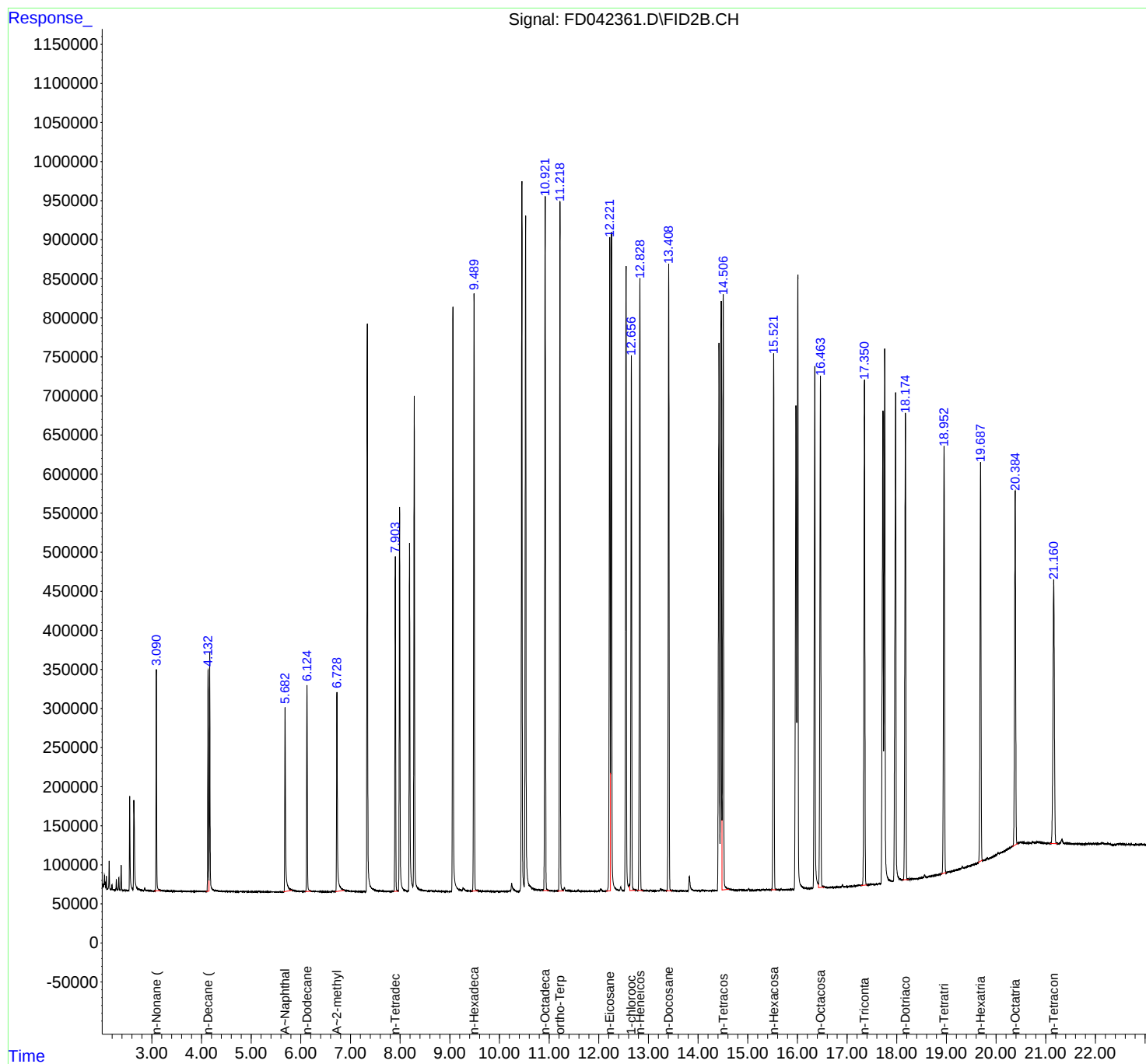
Instrument :
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PB144636BS

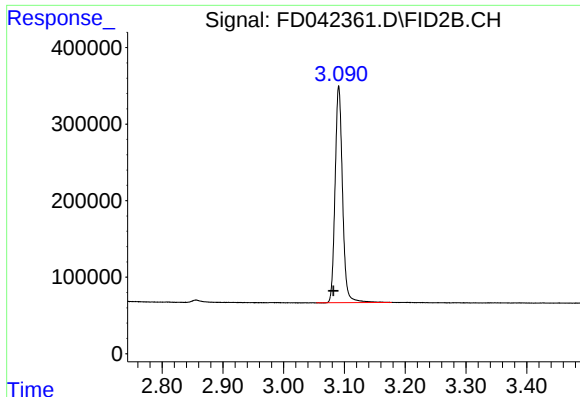
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#1 n-Nonane (C9)

R.T.: 3.091 min
Delta R.T.: 0.009 min
Response: 2411246
Conc: 17.69 ug/ml

Instrument :

FID_D

ClientSampleId :

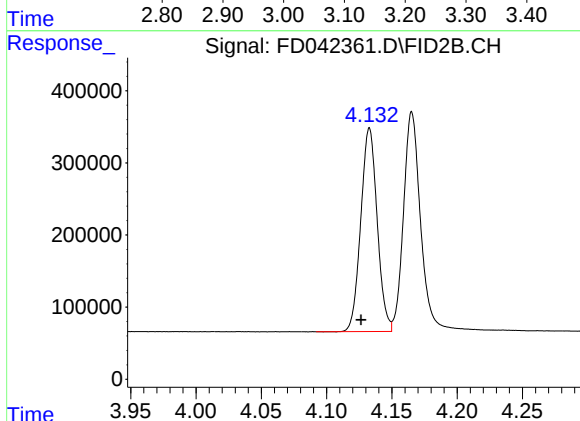
PB144636BS

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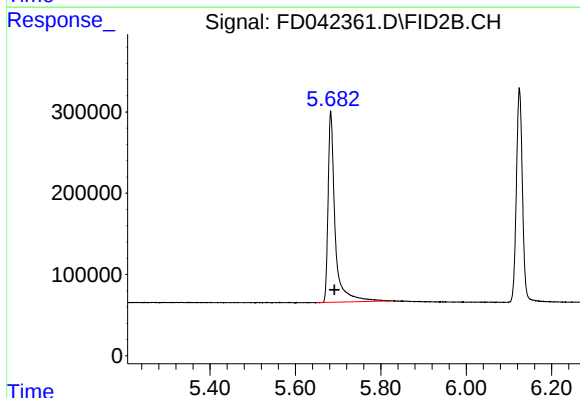
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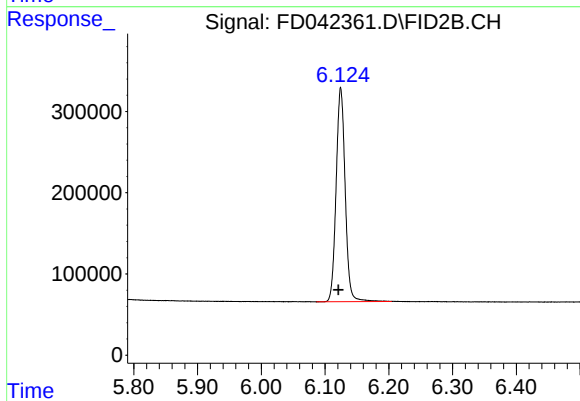
#2 n-Decane (C10)

R.T.: 4.133 min
Delta R.T.: 0.006 min
Response: 2466375
Conc: 18.40 ug/ml



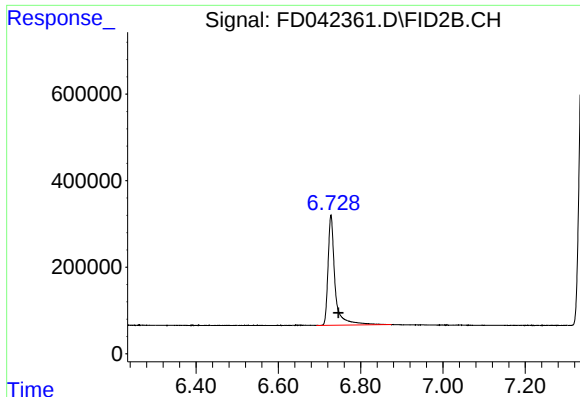
#3 A~Naphthalene (C11.7)

R.T.: 5.683 min
Delta R.T.: -0.008 min
Response: 2694146
Conc: 18.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.125 min
Delta R.T.: 0.004 min
Response: 2602771
Conc: 18.28 ug/ml



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

R.T.: 6.728 min
Delta R.T.: -0.018 min
Response: 3009992
Conc: 21.60 ug/ml

Instrument :

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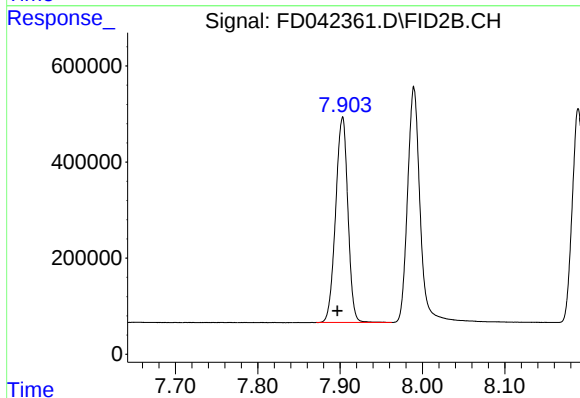
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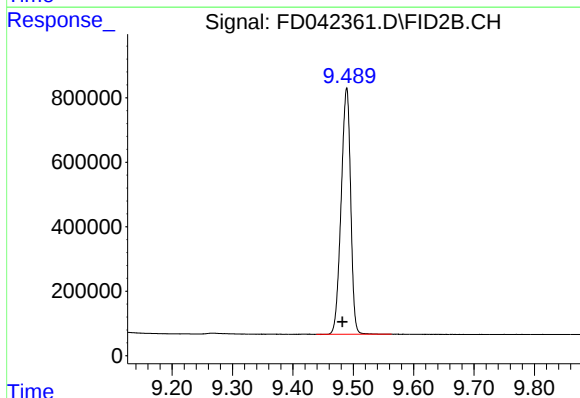
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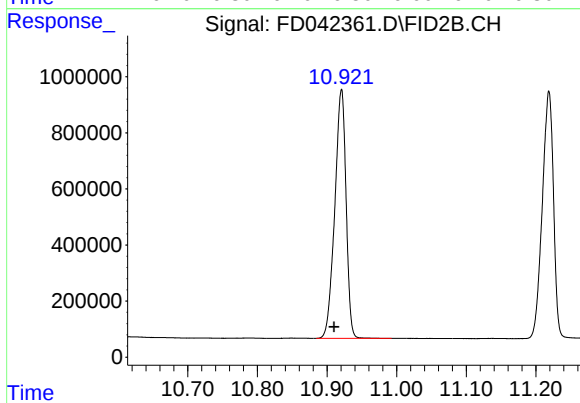
#6 n-Tetradecane (C14)

R.T.: 7.903 min
Delta R.T.: 0.006 min
Response: 4421381
Conc: 31.04 ug/ml



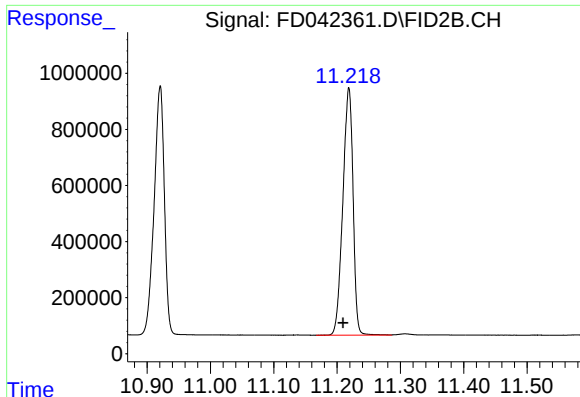
#7 n-Hexadecane (C16)

R.T.: 9.489 min
Delta R.T.: 0.007 min
Response: 8346907
Conc: 57.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.921 min
Delta R.T.: 0.010 min
Response: 9998002
Conc: 66.71 ug/ml



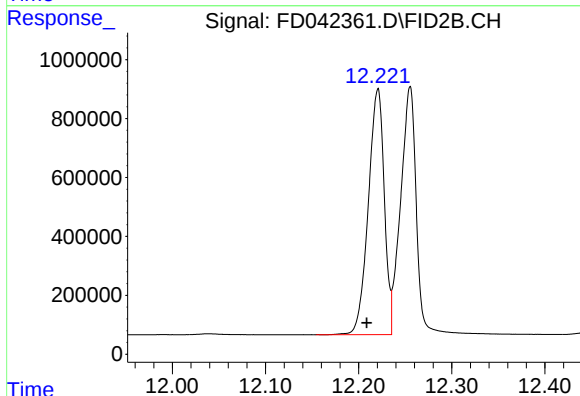
#9 ortho-Terphenyl (SURR)

R.T.: 11.219 min
Delta R.T.: 0.009 min
Response: 9891379
Conc: 58.98 ug/ml

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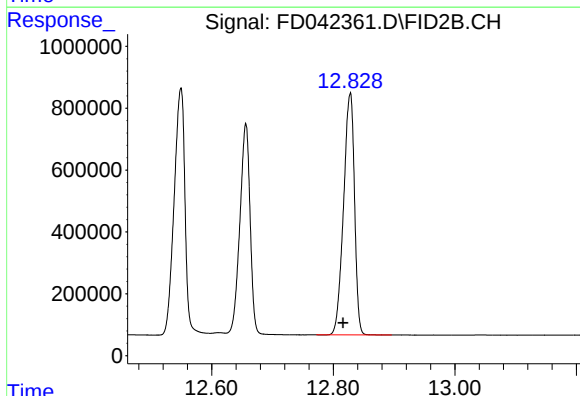
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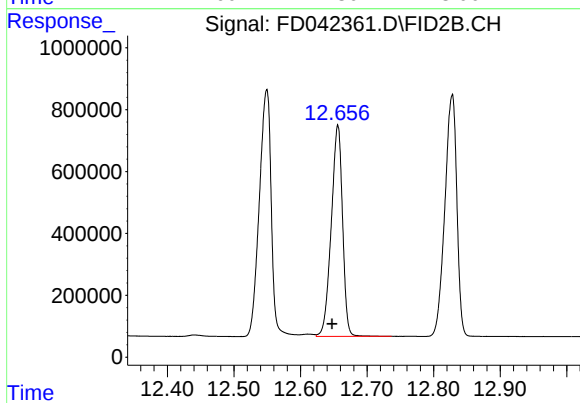
#10 n-Eicosane (C20)

R.T.: 12.221 min
Delta R.T.: 0.012 min
Response: 9930142
Conc: 64.88 ug/ml



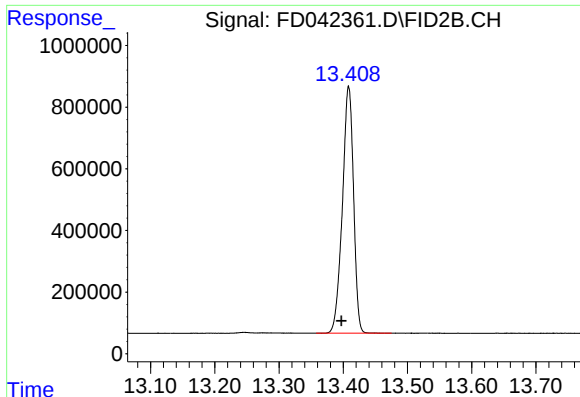
#11 n-Heneicosane (C21)

R.T.: 12.828 min
Delta R.T.: 0.012 min
Response: 9768619
Conc: 63.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.656 min
Delta R.T.: 0.009 min
Response: 8051555
Conc: 61.02 ug/ml



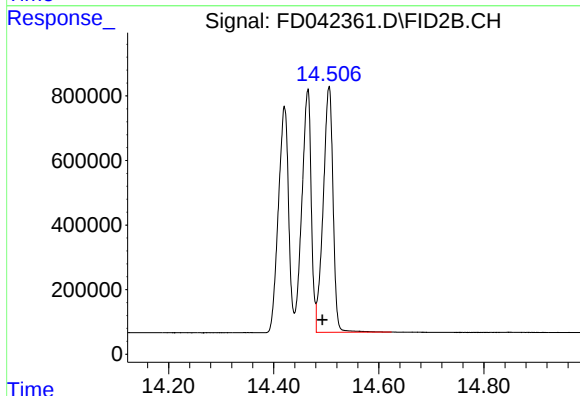
#13 n-Docosane (C22)

R.T.: 13.409 min
Delta R.T.: 0.011 min
Response: 9658004
Conc: 62.66 ug/ml

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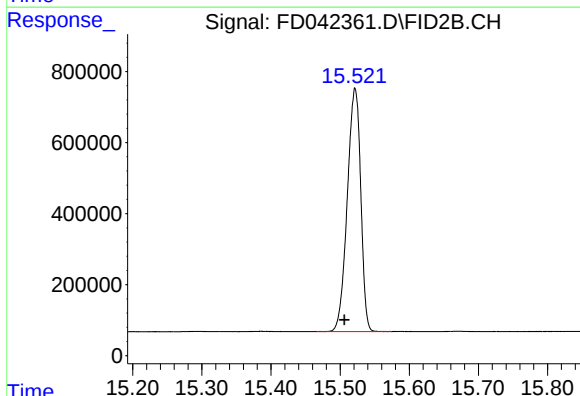
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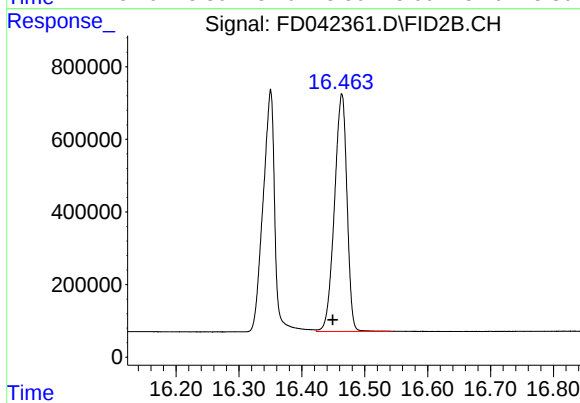
#14 n-Tetracosane (C24)

R.T.: 14.505 min
Delta R.T.: 0.012 min
Response: 9950637
Conc: 64.34 ug/ml



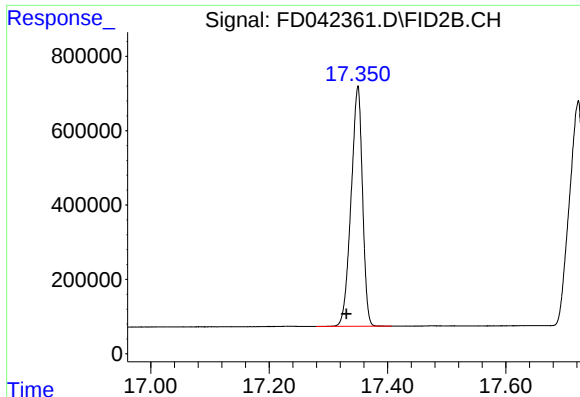
#15 n-Hexacosane (C26)

R.T.: 15.522 min
Delta R.T.: 0.015 min
Response: 9254591
Conc: 60.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.464 min
Delta R.T.: 0.015 min
Response: 9064308
Conc: 59.29 ug/ml



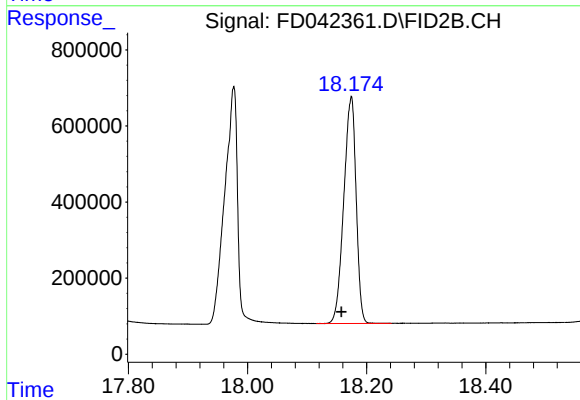
#17 n-Tricontane (C30)

R.T.: 17.350 min
Delta R.T.: 0.019 min
Response: 8651382
Conc: 57.68 ug/ml

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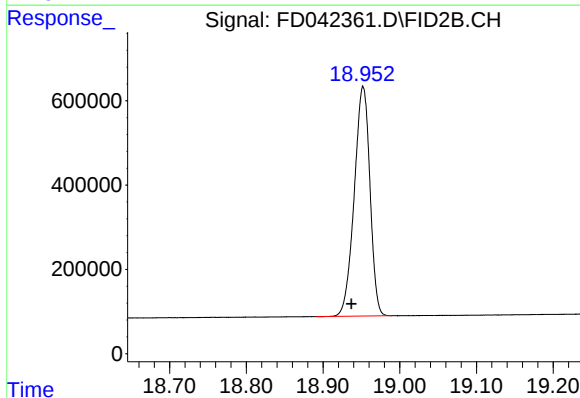
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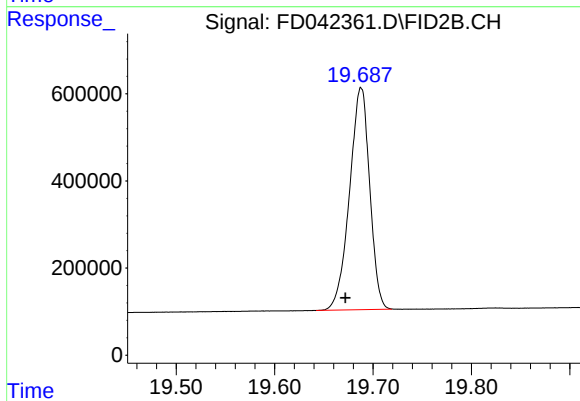
#18 n-Dotriacontane (C32)

R.T.: 18.174 min
Delta R.T.: 0.017 min
Response: 8575093
Conc: 60.64 ug/ml



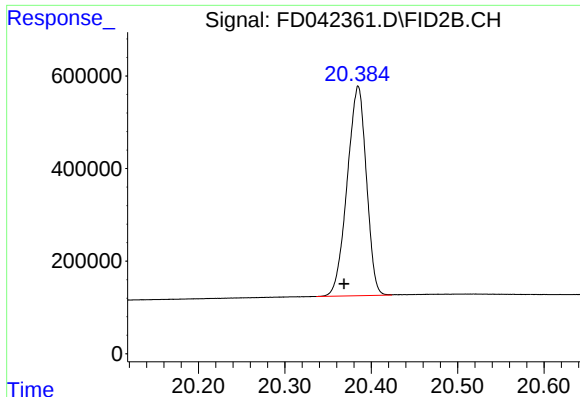
#19 n-Tetratriacontane (C34)

R.T.: 18.952 min
Delta R.T.: 0.015 min
Response: 7748350
Conc: 60.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.687 min
Delta R.T.: 0.015 min
Response: 7254944
Conc: 64.11 ug/ml m



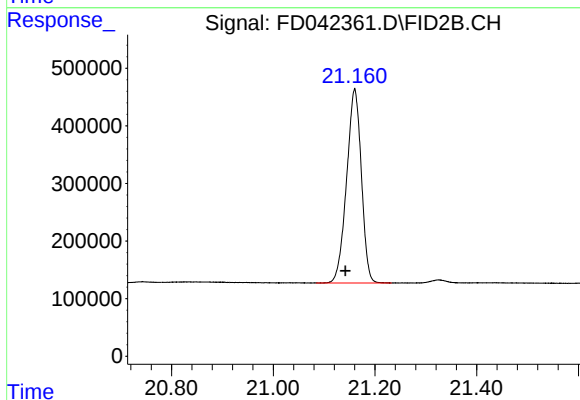
#21 n-Octatriacontane (C38)

R.T.: 20.384 min
Delta R.T.: 0.016 min
Response: 6985345
Conc: 70.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.160 min
Delta R.T.: 0.018 min
Response: 6774195
Conc: 75.10 ug/ml