

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010322AL\
 Data File : FD040368.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2022 00:47
 Operator : AJ\MA
 Sample : PB141797BSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141797BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2022
 Supervised By :Ankita Jodhani 01/04/2022

Integration File: autoint1.e
 Quant Time: Jan 04 02:43:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.675	6889325	44.223 ug/ml
Spiked Amount 50.000		Recovery =	88.45%
12) S 1-chlorooctadecane (S...	12.109	5308014	44.014 ug/ml
Spiked Amount 50.000		Recovery =	88.03%
Target Compounds			
1) T n-Nonane (C9)	2.625	3825937	29.155 ug/ml
2) T n-Decane (C10)	3.653	4260374	32.186 ug/ml
3) T A~Naphthalene (C11.7)	5.142	4604934	31.209 ug/ml
4) T n-Dodecane (C12)	5.577	4244567	31.960 ug/ml
5) T A~2-methylnaphthalene...	6.182	4541400	30.605 ug/ml
6) T n-Tetradecane (C14)	7.353	4534663	32.800 ug/ml
7) T n-Hexadecane (C16)	8.939	4946879	36.078 ug/ml
8) T n-Octadecane (C18)	10.371	5032589	35.637 ug/ml
10) T n-Eicosane (C20)	11.702	4566482	32.663 ug/ml
11) T n-Heneicosane (C21)	12.277	4815949	34.038 ug/ml
13) T n-Docosane (C22)	12.860	4751811	33.859 ug/ml
14) T n-Tetracosane (C24)	13.955	4690395	33.406 ug/ml
15) T n-Hexacosane (C26)	14.972	4421552	32.155 ug/ml
16) T n-Octacosane (C28)	15.914	4412824	32.439 ug/ml
17) T n-Tricontane (C30)	16.798	4119066	30.779 ug/ml
18) T n-Dotriacontane (C32)	17.624	3905766	30.173 ug/ml
19) T n-Tetratriacontane (C34)	18.404	3557297	29.340 ug/ml
20) T n-Hexatriacontane (C36)	19.137	2979699	27.960 ug/mlm
21) T n-Octatriacontane (C38)	19.841	2696703	29.202 ug/mlm
22) T n-Tetracontane (C40)	20.651f	2548485	32.729 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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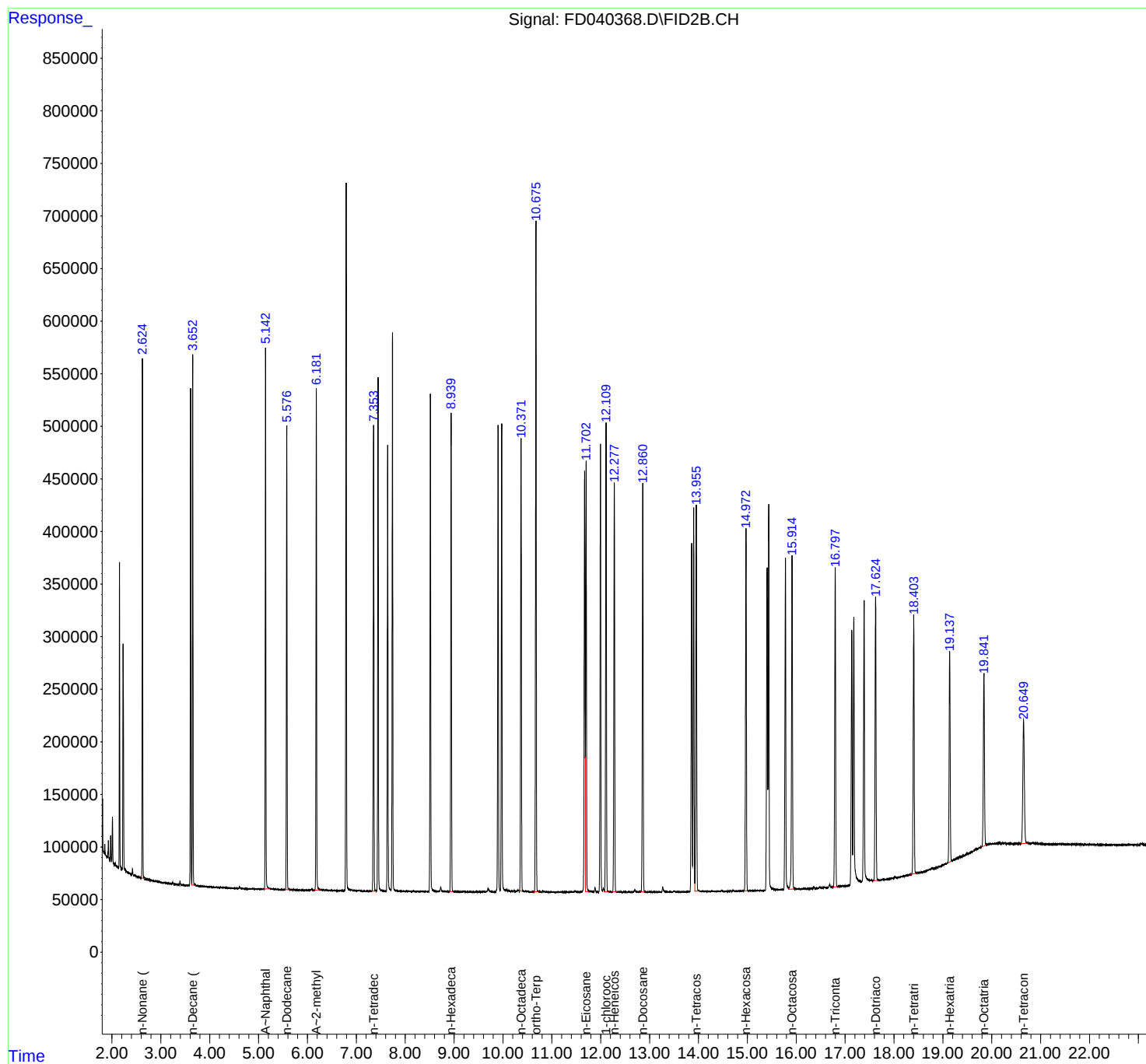
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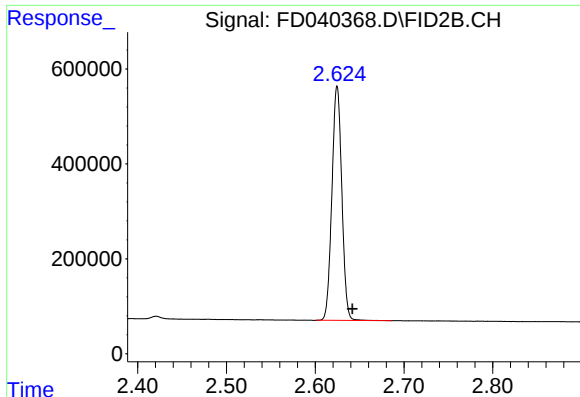
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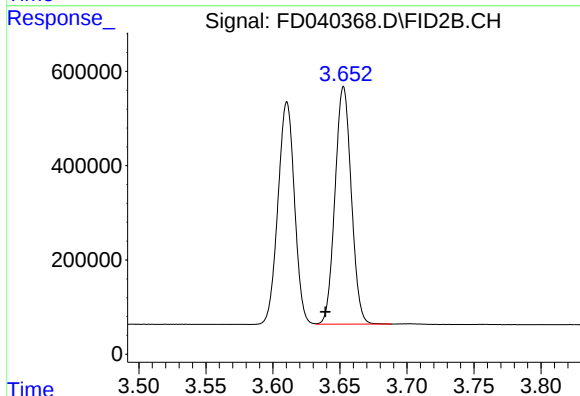
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.017 min
Response: 3825937
Conc: 29.15 ug/ml

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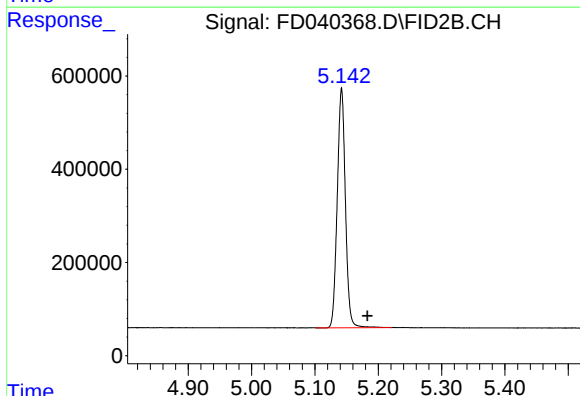
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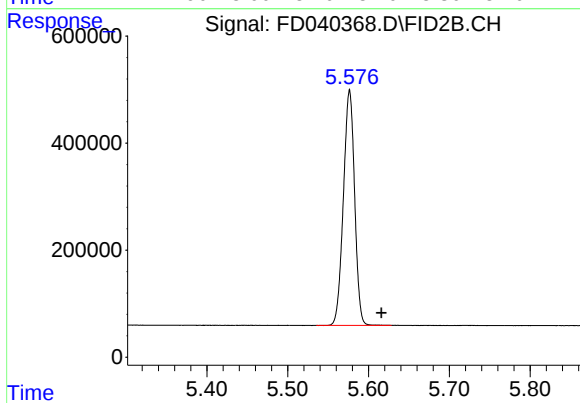
#2 n-Decane (C10)

R.T.: 3.653 min
Delta R.T.: 0.014 min
Response: 4260374
Conc: 32.19 ug/ml



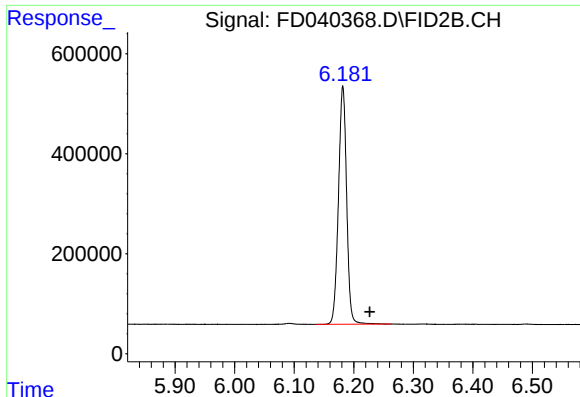
#3 A~Naphthalene (C11.7)

R.T.: 5.142 min
Delta R.T.: -0.041 min
Response: 4604934
Conc: 31.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.039 min
Response: 4244567
Conc: 31.96 ug/ml



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

R.T.: 6.182 min
Delta R.T.: -0.045 min
Response: 4541400
Conc: 30.60 ug/ml

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FID_D

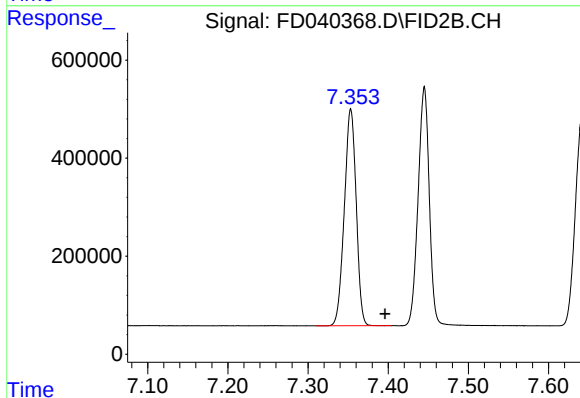
ClientSampleId :

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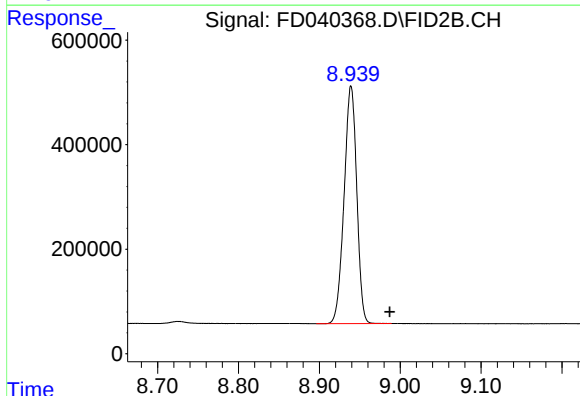
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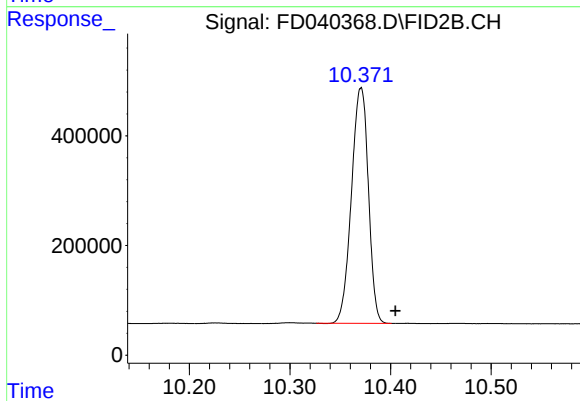
#6 n-Tetradecane (C14)

R.T.: 7.353 min
Delta R.T.: -0.043 min
Response: 4534663
Conc: 32.80 ug/ml



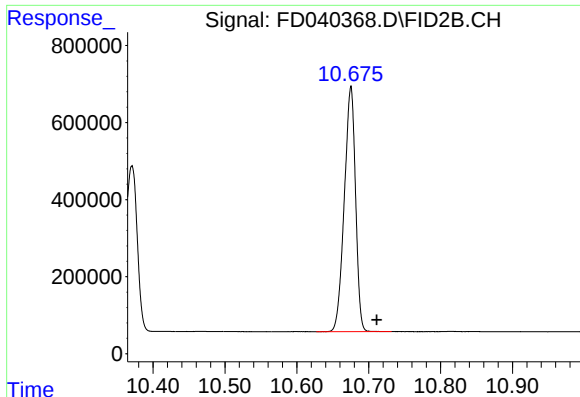
#7 n-Hexadecane (C16)

R.T.: 8.939 min
Delta R.T.: -0.048 min
Response: 4946879
Conc: 36.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.371 min
Delta R.T.: -0.034 min
Response: 5032589
Conc: 35.64 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.675 min
Delta R.T.: -0.036 min
Response: 6889325
Conc: 44.22 ug/ml

Instrument :

FID_D

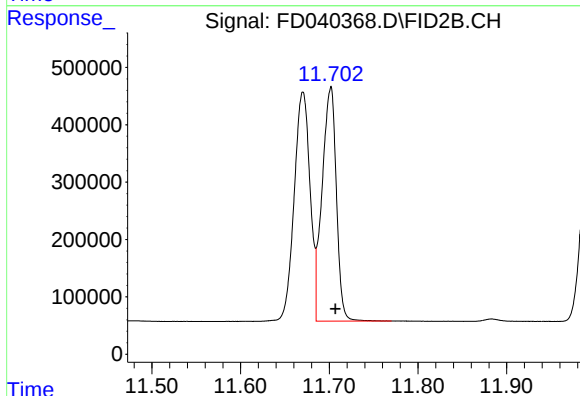
ClientSampleId :

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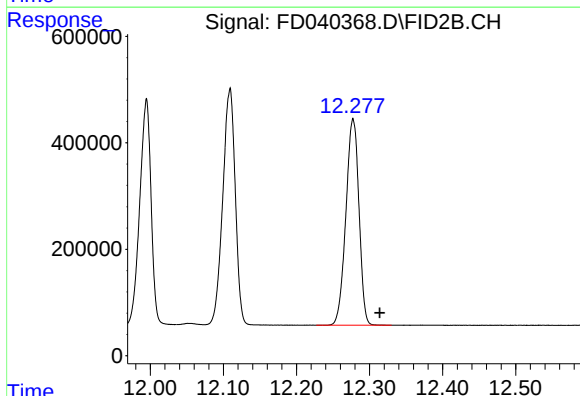
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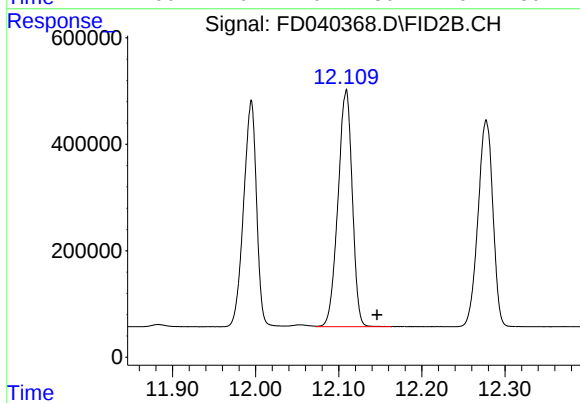
#10 n-Eicosane (C20)

R.T.: 11.702 min
Delta R.T.: -0.005 min
Response: 4566482
Conc: 32.66 ug/ml



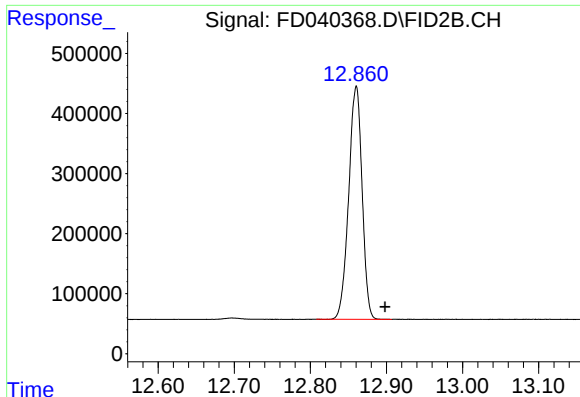
#11 n-Heneicosane (C21)

R.T.: 12.277 min
Delta R.T.: -0.037 min
Response: 4815949
Conc: 34.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.109 min
Delta R.T.: -0.037 min
Response: 5308014
Conc: 44.01 ug/ml



#13 n-Docosane (C22)

R.T.: 12.860 min
Delta R.T.: -0.038 min
Response: 4751811
Conc: 33.86 ug/ml

Instrument :

FID_D

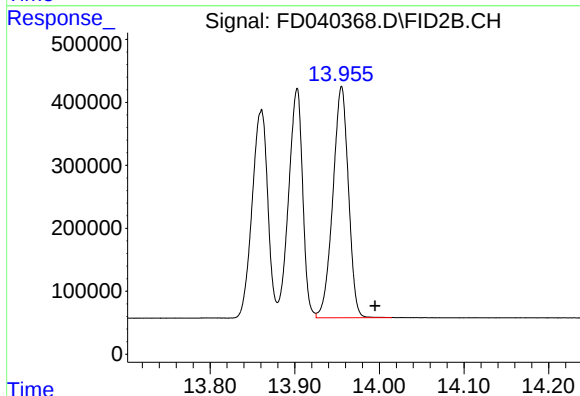
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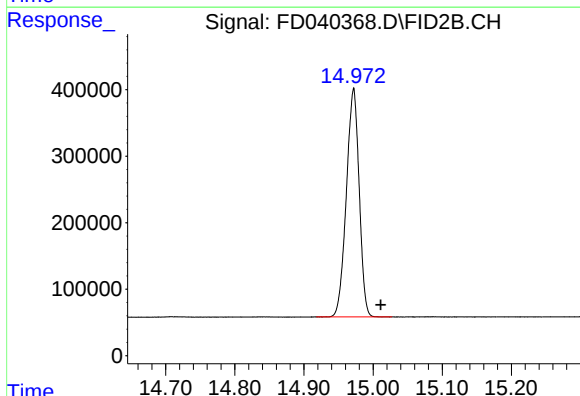
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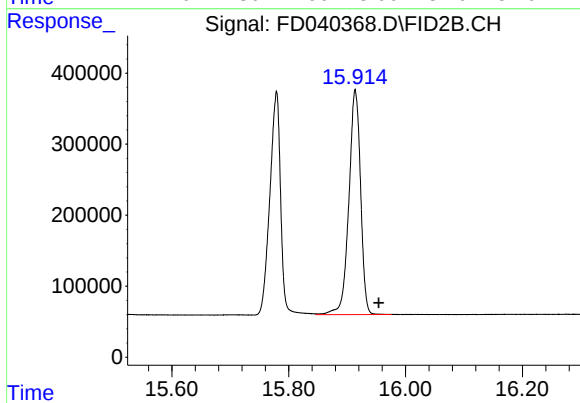
#14 n-Tetracosane (C24)

R.T.: 13.955 min
Delta R.T.: -0.040 min
Response: 4690395
Conc: 33.41 ug/ml



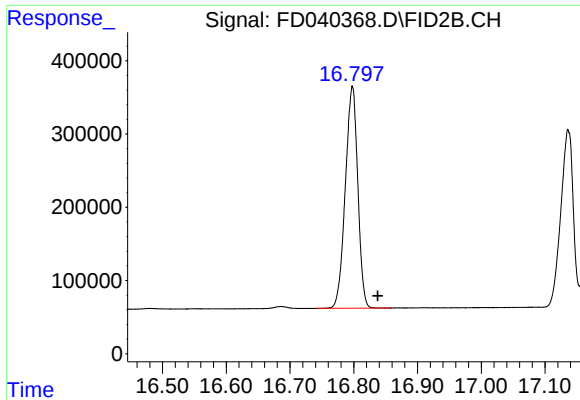
#15 n-Hexacosane (C26)

R.T.: 14.972 min
Delta R.T.: -0.039 min
Response: 4421552
Conc: 32.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.914 min
Delta R.T.: -0.040 min
Response: 4412824
Conc: 32.44 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.798 min
Delta R.T.: -0.040 min
Response: 4119066
Conc: 30.78 ug/ml

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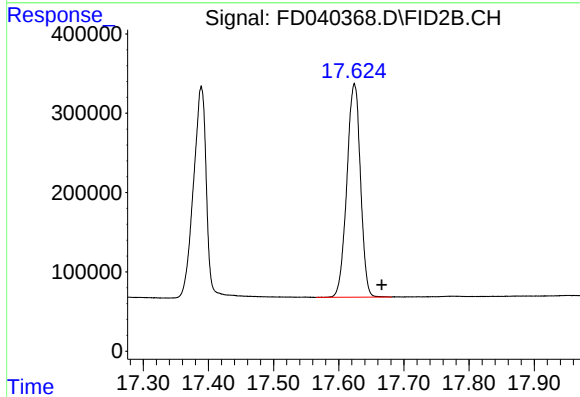
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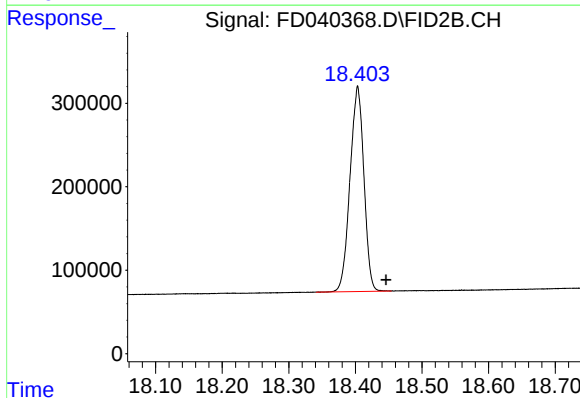
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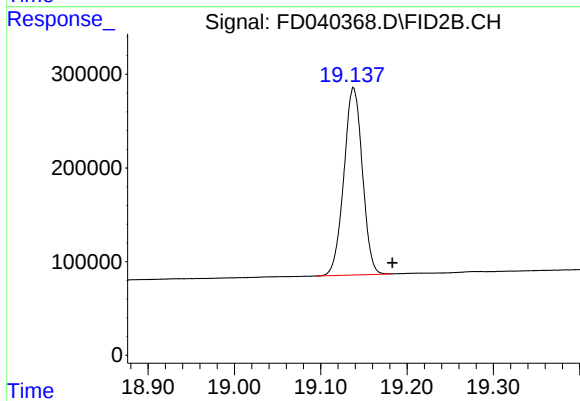
#18 n-Dotriacontane (C32)

R.T.: 17.624 min
Delta R.T.: -0.042 min
Response: 3905766
Conc: 30.17 ug/ml



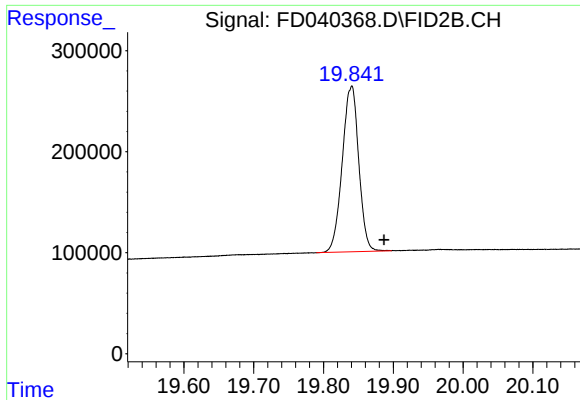
#19 n-Tetratriacontane (C34)

R.T.: 18.404 min
Delta R.T.: -0.042 min
Response: 3557297
Conc: 29.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.137 min
Delta R.T.: -0.046 min
Response: 2979699
Conc: 27.96 ug/ml m



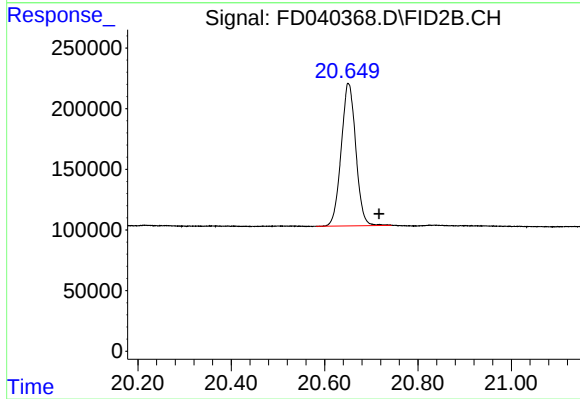
#21 n-Octatriacontane (C38)

R.T.: 19.841 min
Delta R.T.: -0.046 min
Response: 2696703
Conc: 29.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.651 min
Delta R.T.: -0.066 min
Response: 2548485
Conc: 32.73 ug/ml