

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042222AR\
 Data File : FD042035.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2022 11:29
 Operator : UA/NP
 Sample : PB144240BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB144240BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/25/2022

Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E

Quant Time: Apr 22 23:59:45 2022

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

Quant Title : GC Extractables

QLast Update : Thu Apr 21 17:32:22 2022

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.332	5378519	38.372 ug/ml
Spiked Amount 50.000		Recovery =	76.74%
6) S 2-Fluorobiphenyl (SURR)	8.182	3290563	46.182 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.36%
11) S ortho-Terphenyl (SURR)	11.208	5748273	33.164 ug/ml
Spiked Amount 50.000		Recovery =	66.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	3857907	24.781 ug/mlm
2) T Naphthalene (C11.7)	5.676	4556308	28.883 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	4439926	30.704 ug/ml
5) T Acenaphthylene (C15.06)	7.982	4744591	28.790 ug/ml
7) T Acenaphthene (C15.5)	8.275	5607675	29.869 ug/ml
8) T Flouorene (C16.55)	9.054	5239255	34.397 ug/ml
9) T Phenanthrene (C19.36)	10.439	5399124	36.361 ug/ml
10) T Anthracene (C19.43)	10.515	5752288	34.360 ug/ml
12) T Fluoranthene (C21.85)	12.241	5803174	36.996 ug/ml
13) T Pyrene (C20.8)	12.532	5671789	34.774 ug/ml
14) T Benzo[a]anthracene (C...	14.403	5229570	43.719 ug/ml
15) T Chrysene (C27.41)	14.443	4925710	26.849 ug/ml
16) T benzo[b]fluoranthene ...	15.951	5286928	40.267 ug/ml
17) T Bnezo[k]fluoranthene ...	15.982	5840755	33.784 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.325	4696669	31.832 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.691	4463889	44.723 ug/mlm
20) T Dibenz[a,h]anthracene...	17.729	5523493	35.191 ug/ml
21) T Benzo[g,h,i]perylene ...	17.940	5185758	37.445 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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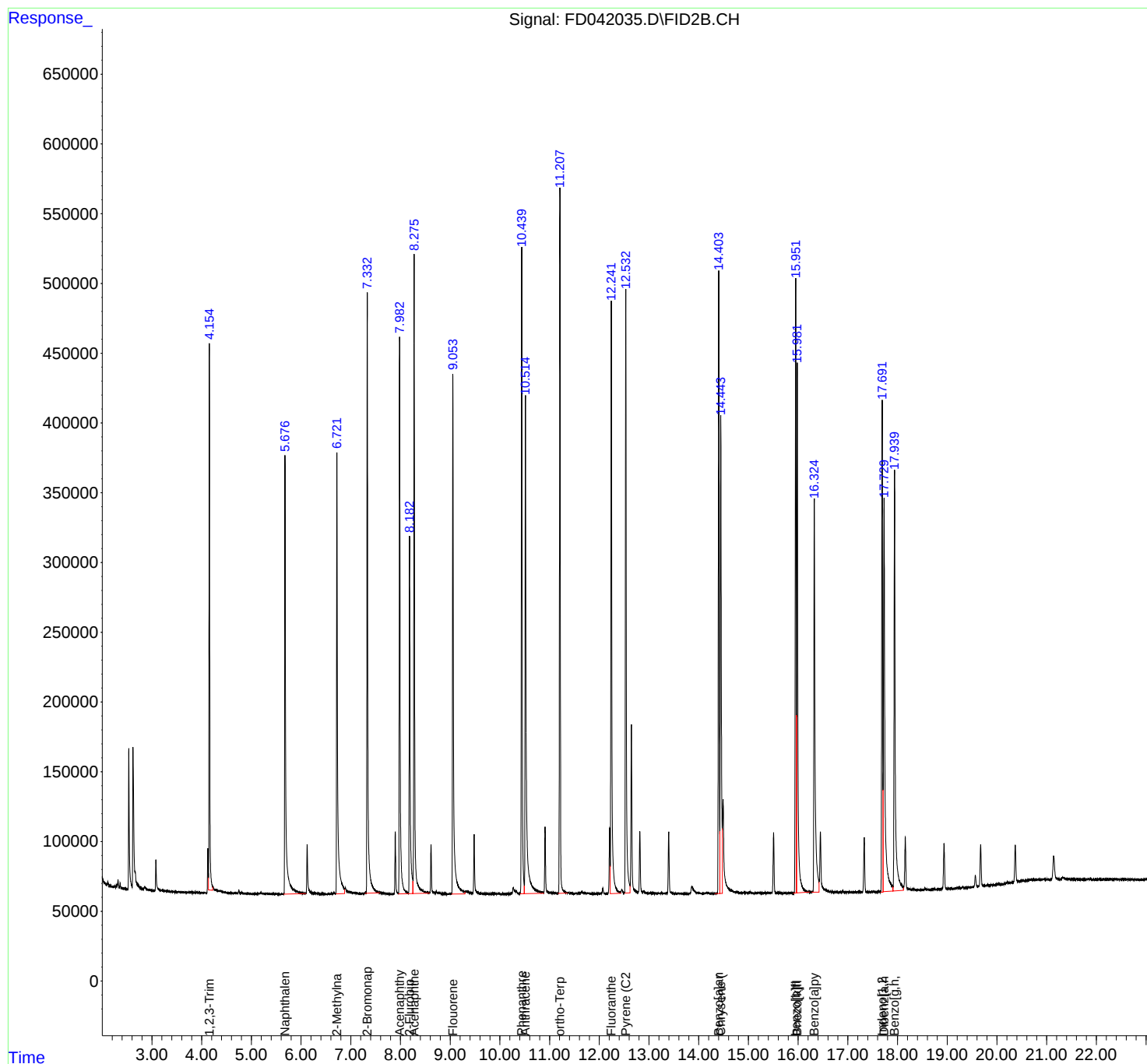
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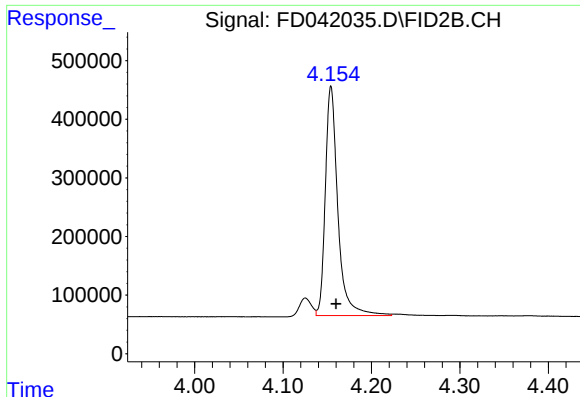
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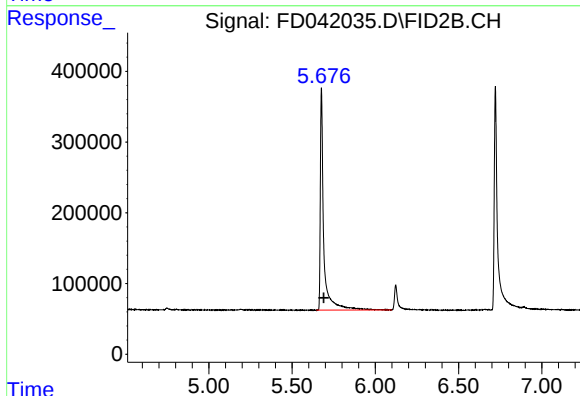
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.154 min
Delta R.T.: -0.006 min
Response: 3857907
Conc: 24.78 ug/ml

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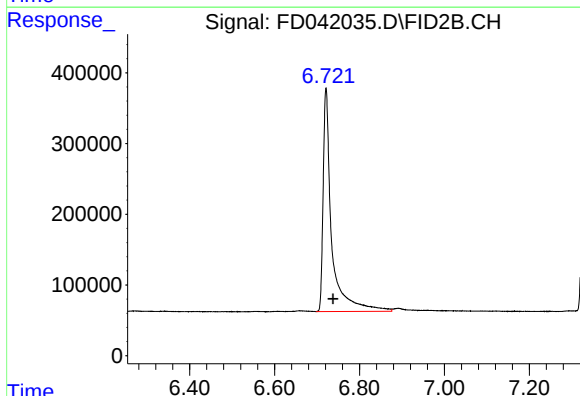
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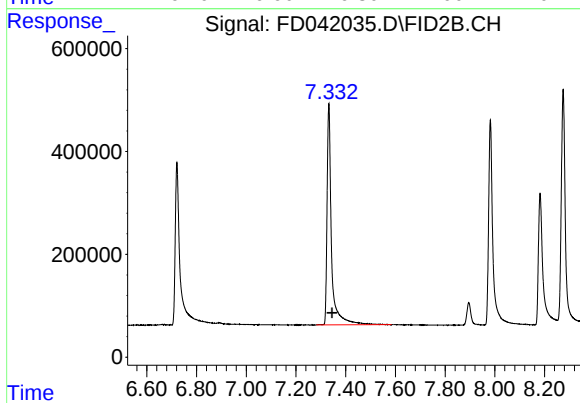
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.014 min
Response: 4556308
Conc: 28.88 ug/ml



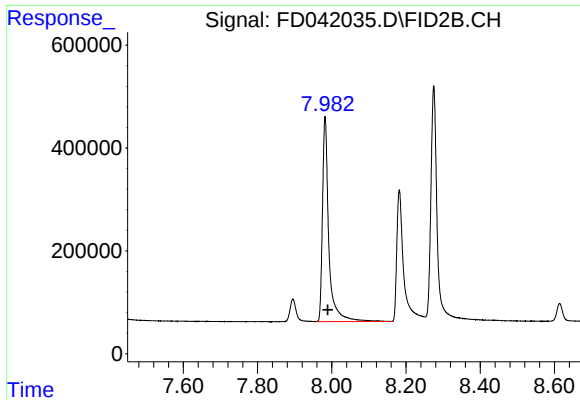
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.016 min
Response: 4439926
Conc: 30.70 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 5378519
Conc: 38.37 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.982 min
Delta R.T.: -0.007 min
Response: 4744591
Conc: 28.79 ug/ml

Instrument :

FID_D

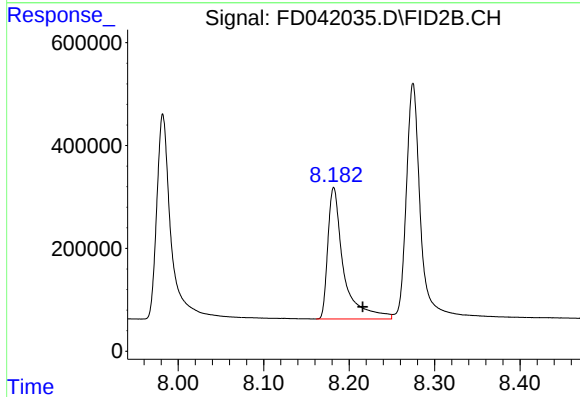
ClientSampleId :

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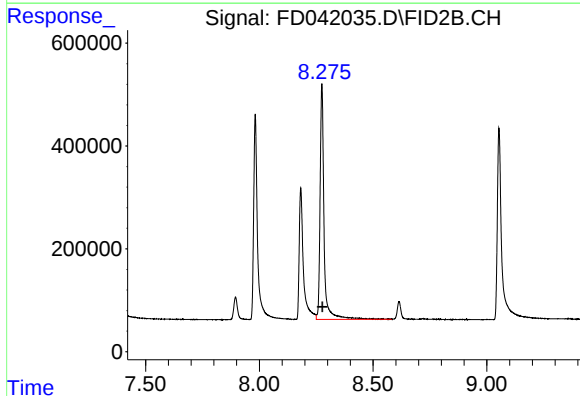
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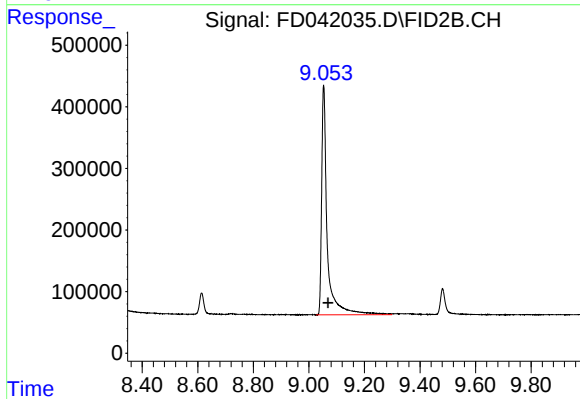
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.034 min
Response: 3290563
Conc: 46.18 ug/ml



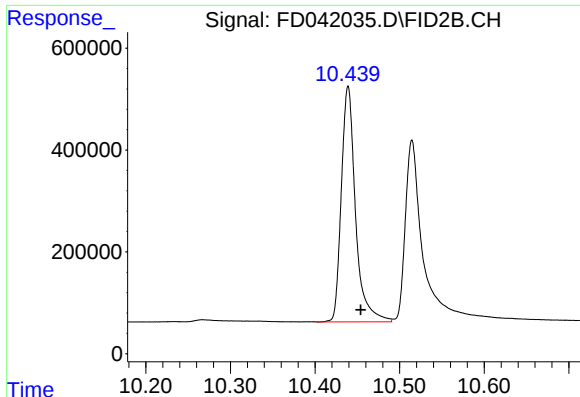
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 5607675
Conc: 29.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.054 min
Delta R.T.: -0.016 min
Response: 5239255
Conc: 34.40 ug/ml



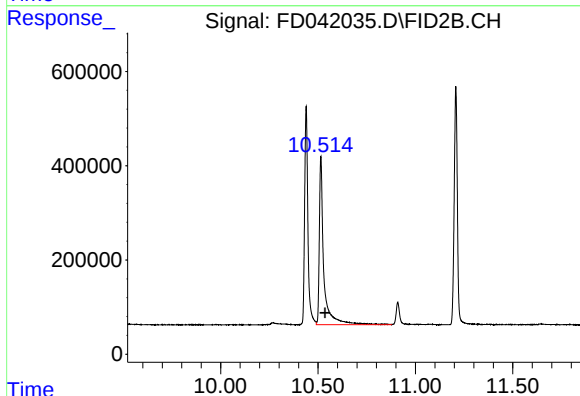
#9 Phenanthrene (C19.36)

R.T.: 10.439 min
Delta R.T.: -0.015 min
Response: 5399124
Conc: 36.36 ug/ml

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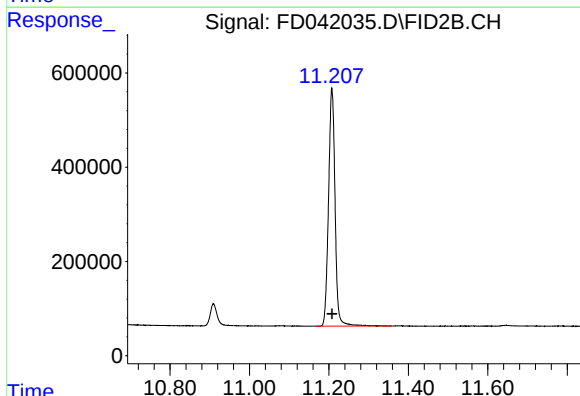
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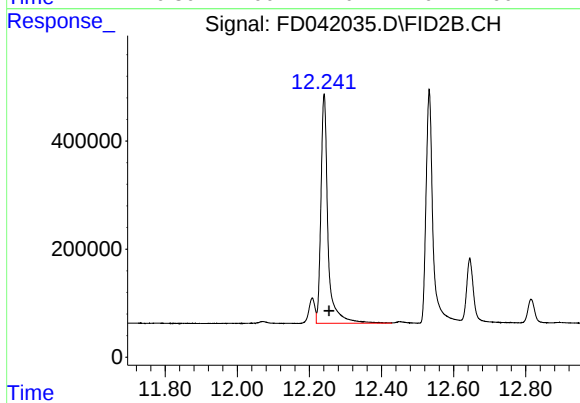
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.022 min
Response: 5752288
Conc: 34.36 ug/ml



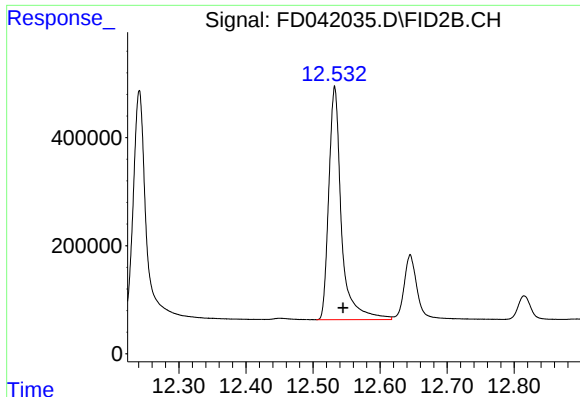
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 5748273
Conc: 33.16 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.241 min
Delta R.T.: -0.014 min
Response: 5803174
Conc: 37.00 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.532 min
Delta R.T.: -0.012 min
Response: 5671789
Conc: 34.77 ug/ml

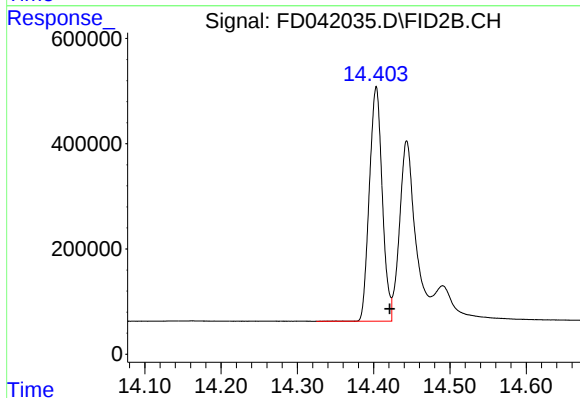
Instrument :

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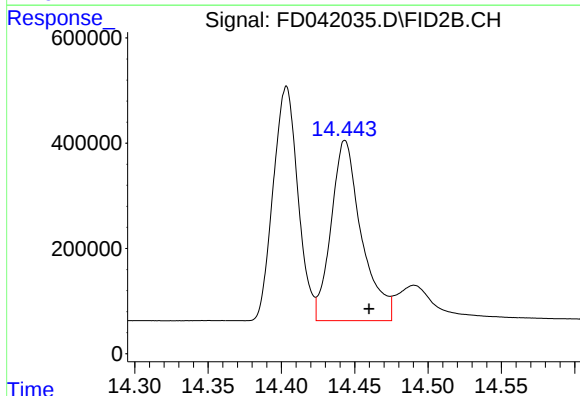
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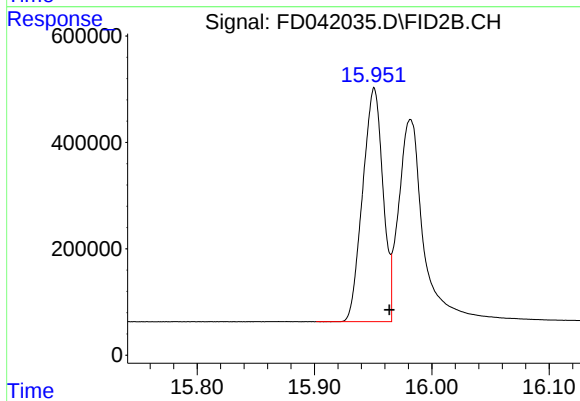
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.403 min
Delta R.T.: -0.018 min
Response: 5229570
Conc: 43.72 ug/ml



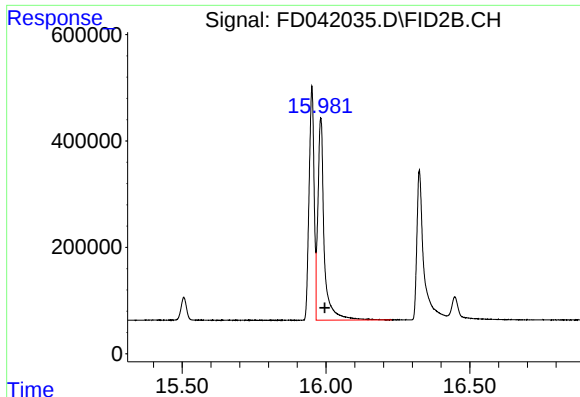
#15 Chrysene (C27.41)

R.T.: 14.443 min
Delta R.T.: -0.016 min
Response: 4925710
Conc: 26.85 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.951 min
Delta R.T.: -0.013 min
Response: 5286928
Conc: 40.27 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.982 min
Delta R.T.: -0.014 min
Response: 5840755
Conc: 33.78 ug/ml

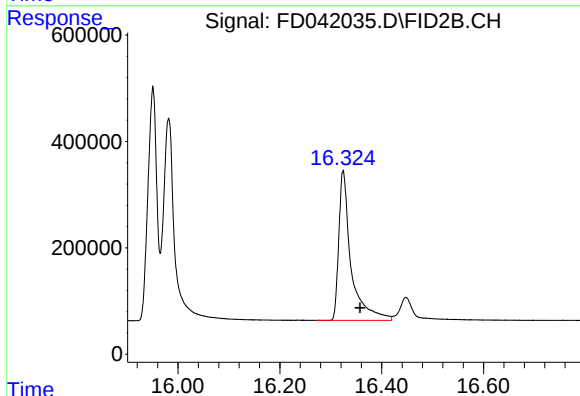
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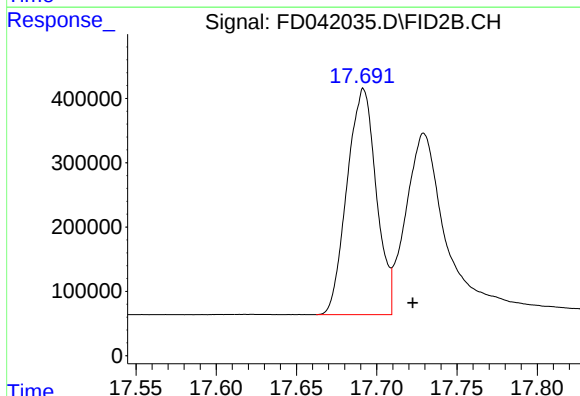
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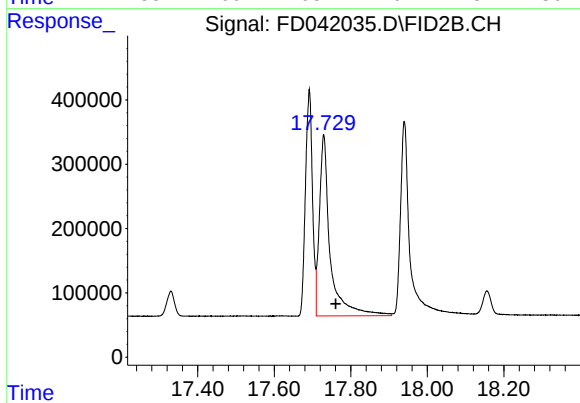
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.325 min
Delta R.T.: -0.033 min
Response: 4696669
Conc: 31.83 ug/ml



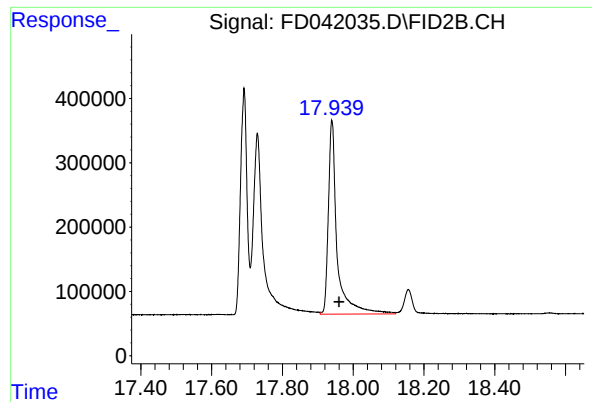
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.691 min
Delta R.T.: -0.031 min
Response: 4463889
Conc: 44.72 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.729 min
Delta R.T.: -0.031 min
Response: 5523493
Conc: 35.19 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.940 min
Delta R.T.: -0.020 min
Response: 5185758
Conc: 37.45 ug/ml

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