

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062822AR\
 Data File : FD043091.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 18:52
 Operator : YP/AJ
 Sample : PB145886BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145886BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 02:50:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.633	5824029	37.718 ug/ml
Spiked Amount 50.000		Recovery =	75.44%
6) S 2-Fluorobiphenyl (SURR)	8.497	3923820	37.202 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.40%
11) S ortho-Terphenyl (SURR)	11.541	6134423	33.752 ug/ml
Spiked Amount 50.000		Recovery =	67.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	6000917	35.730 ug/mlm
2) T Naphthalene (C11.7)	5.970	6802819	38.857 ug/ml
3) T 2-Methylnaphthalene (...)	7.023	6964925	43.302 ug/ml
5) T Acenaphthylene (C15.06)	8.300	6947385	39.086 ug/ml
7) T Acenaphthene (C15.5)	8.597	7492638	42.788 ug/ml
8) T Flouorene (C16.55)	9.379	7767072	44.808 ug/ml
9) T Phenanthrene (C19.36)	10.777	7936744	46.275 ug/ml
10) T Anthracene (C19.43)	10.853	7863067	46.282 ug/ml
12) T Fluoranthene (C21.85)	12.591	7807955	46.555 ug/ml
13) T Pyrene (C20.8)	12.890	7721691	47.381 ug/mlm
14) T Benzo[a]anthracene (C...	14.761	7200677	46.367 ug/ml
15) T Chrysene (C27.41)	14.806	8074882	51.162 ug/ml
16) T benzo[b]fluoranthene ...	16.313	7048643	46.240 ug/ml
17) T Bnezo[k]fluoranthene ...	16.349	6886799	47.054 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.692	6273660	43.862 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.060	6916565	55.272 ug/ml
20) T Dibenz[a,h]anthracene...	18.098	6463380	48.077 ug/ml
21) T Benzo[g,h,i]perylene ...	18.317	6576542	50.422 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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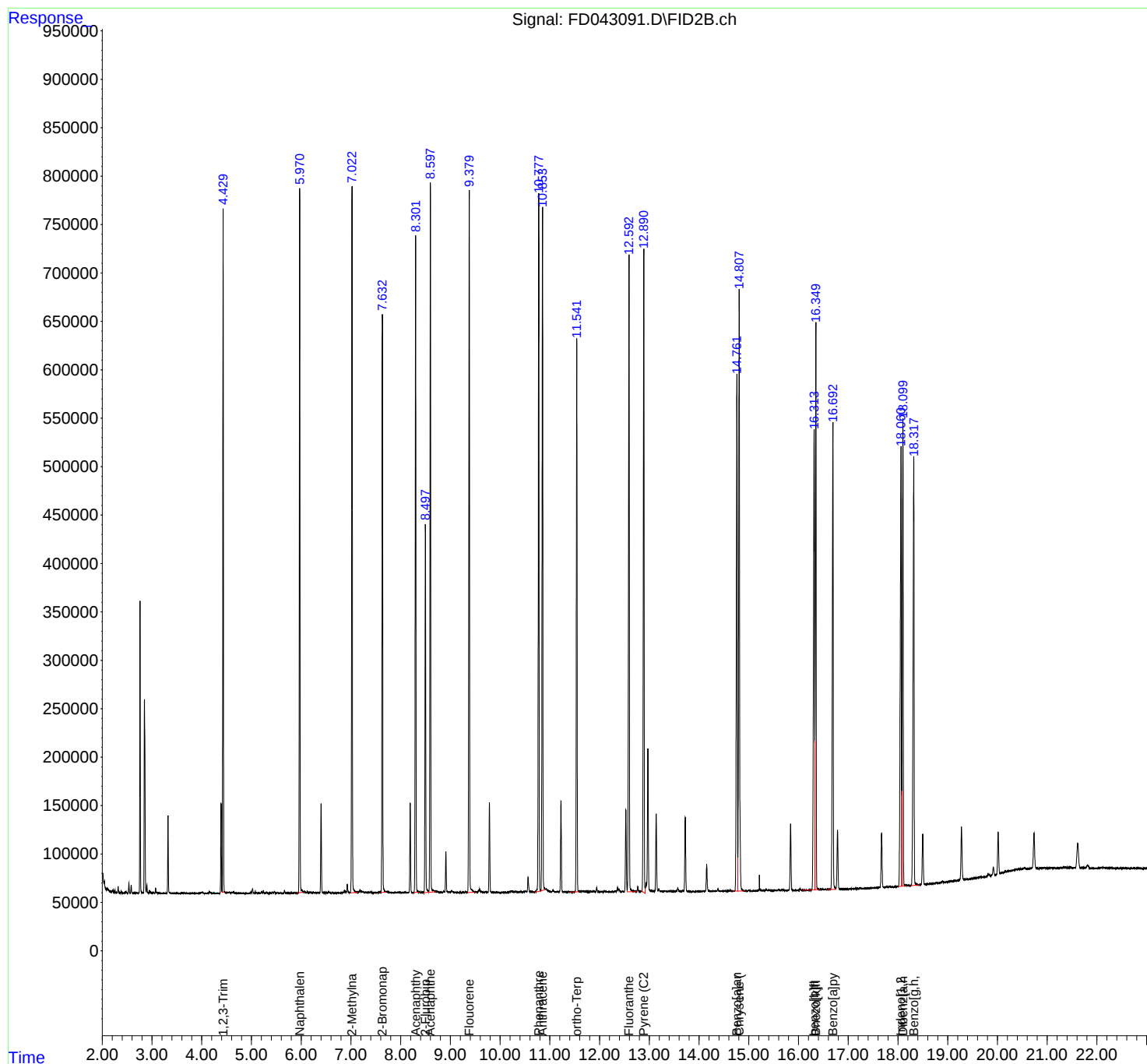
Instrument :
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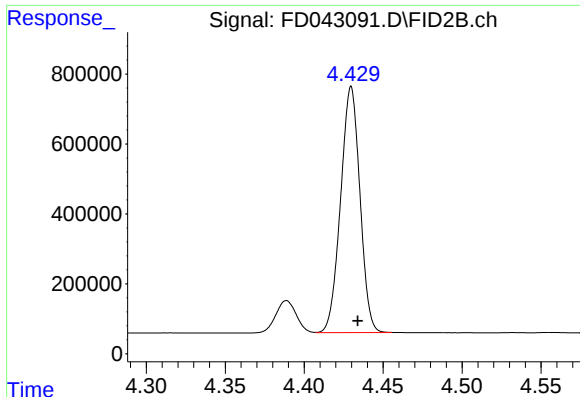
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.429 min
Delta R.T.: -0.005 min
Response: 6000917
Conc: 35.73 ug/ml

Instrument :

FID_D

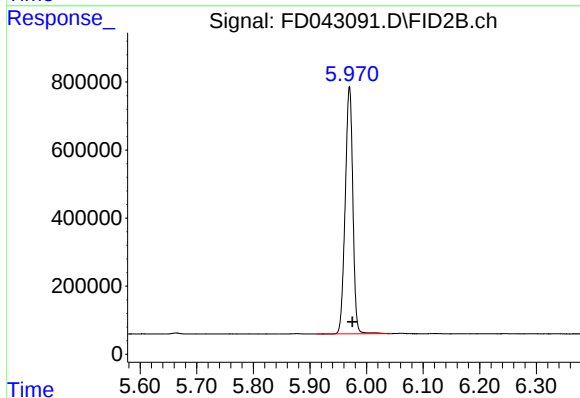
ClientSampleId :

PB145886BS

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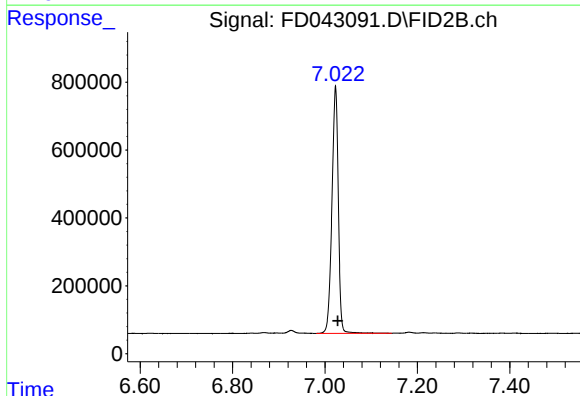
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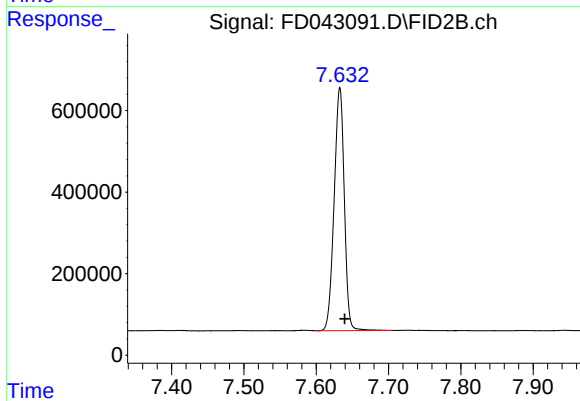
#2 Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.005 min
Response: 6802819
Conc: 38.86 ug/ml



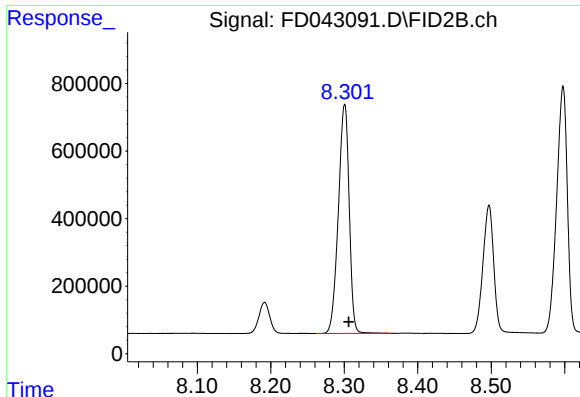
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: -0.005 min
Response: 6964925
Conc: 43.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.633 min
Delta R.T.: -0.007 min
Response: 5824029
Conc: 37.72 ug/ml



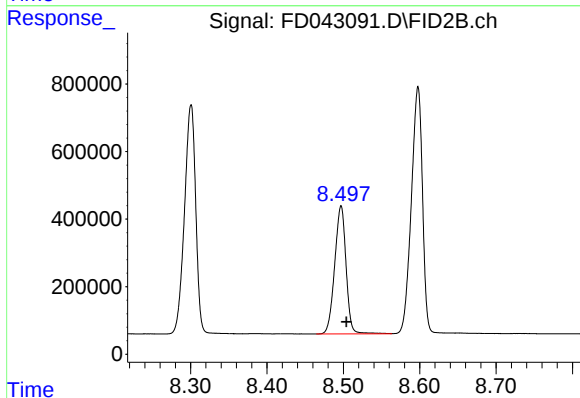
#5 Acenaphthylene (C15.06)

R.T.: 8.300 min
Delta R.T.: -0.006 min
Response: 6947385
Conc: 39.09 ug/ml

Instrument :
FID_D
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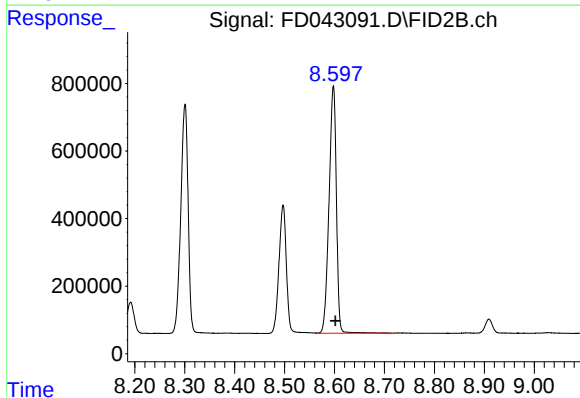
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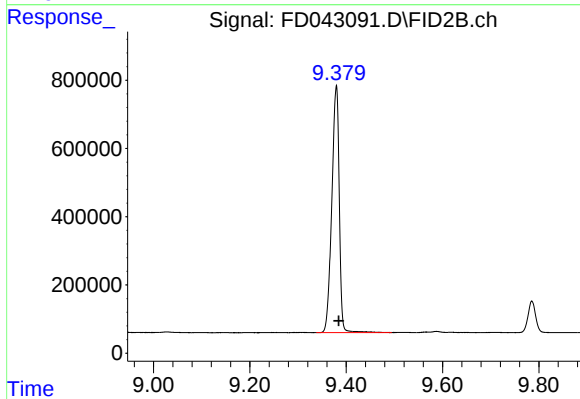
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: -0.007 min
Response: 3923820
Conc: 37.20 ug/ml



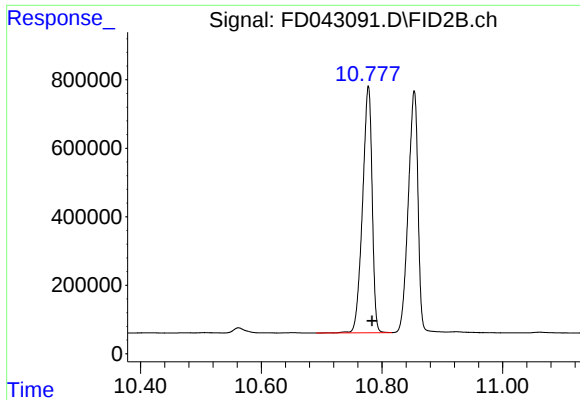
#7 Acenaphthene (C15.5)

R.T.: 8.597 min
Delta R.T.: -0.004 min
Response: 7492638
Conc: 42.79 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.379 min
Delta R.T.: -0.006 min
Response: 7767072
Conc: 44.81 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.777 min
Delta R.T.: -0.007 min
Response: 7936744
Conc: 46.28 ug/ml

Instrument :

FID_D

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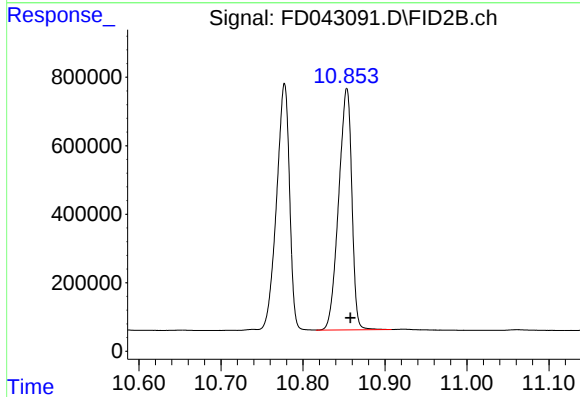
PB145886BS

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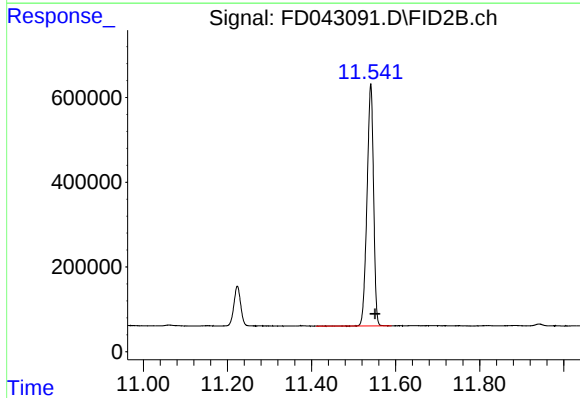
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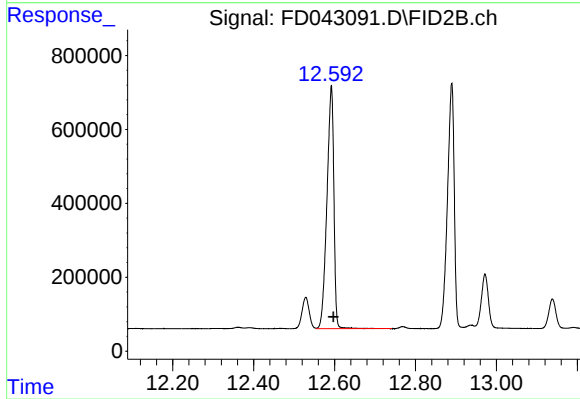
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.005 min
Response: 7863067
Conc: 46.28 ug/ml



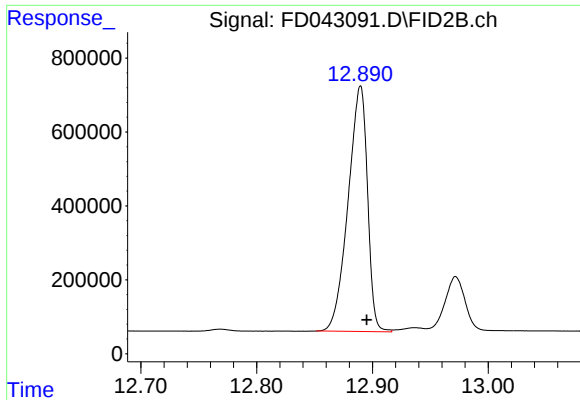
#11 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.011 min
Response: 6134423
Conc: 33.75 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.591 min
Delta R.T.: -0.006 min
Response: 7807955
Conc: 46.55 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.890 min
Delta R.T.: -0.005 min
Response: 7721691
Conc: 47.38 ug/ml

Instrument :

FID_D

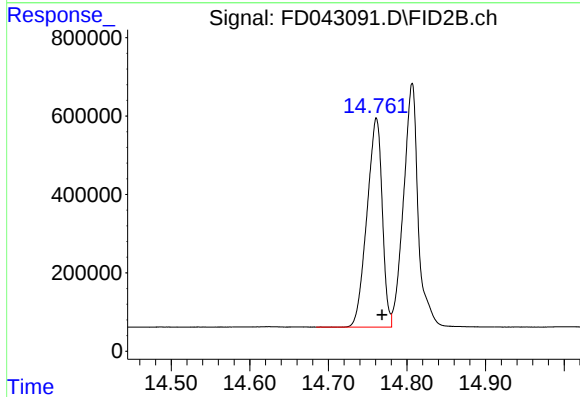
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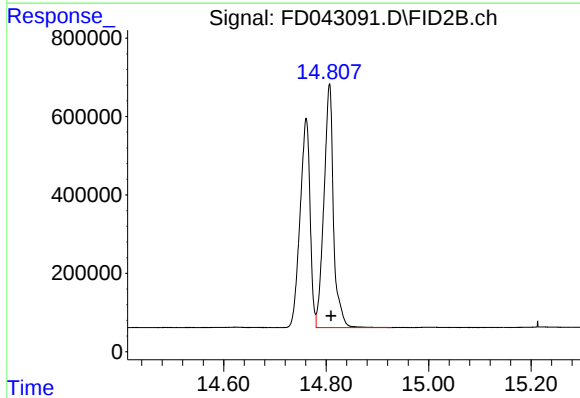
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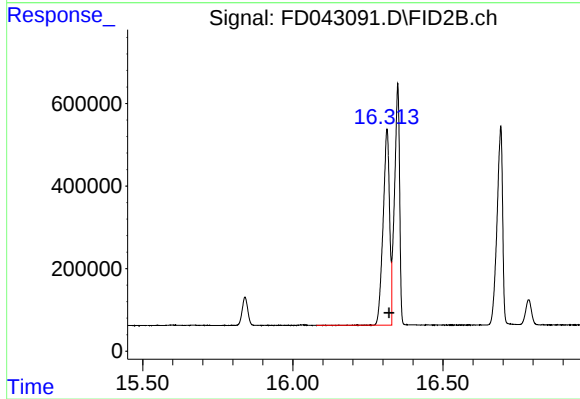
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.761 min
Delta R.T.: -0.008 min
Response: 7200677
Conc: 46.37 ug/ml



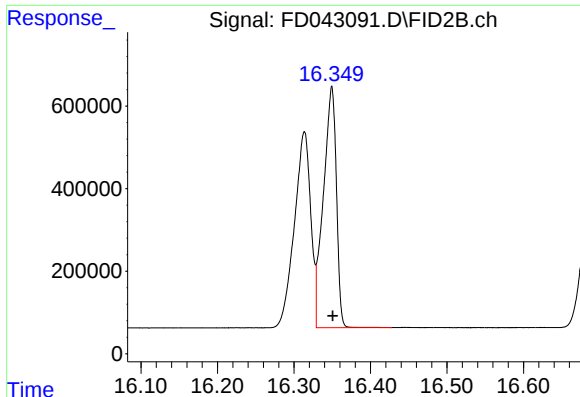
#15 Chrysene (C27.41)

R.T.: 14.806 min
Delta R.T.: -0.004 min
Response: 8074882
Conc: 51.16 ug/ml



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

R.T.: 16.313 min
Delta R.T.: -0.007 min
Response: 7048643
Conc: 46.24 ug/ml



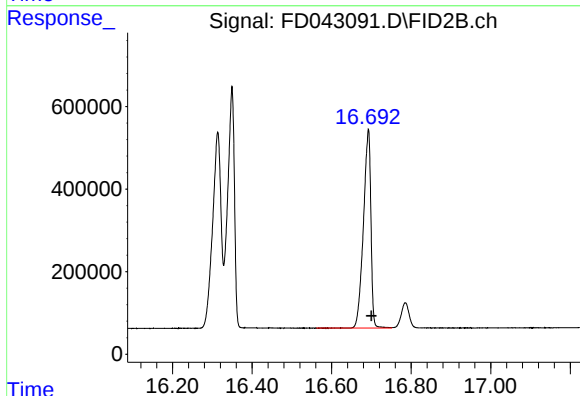
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.349 min
Delta R.T.: -0.002 min
Response: 6886799
Conc: 47.05 ug/ml

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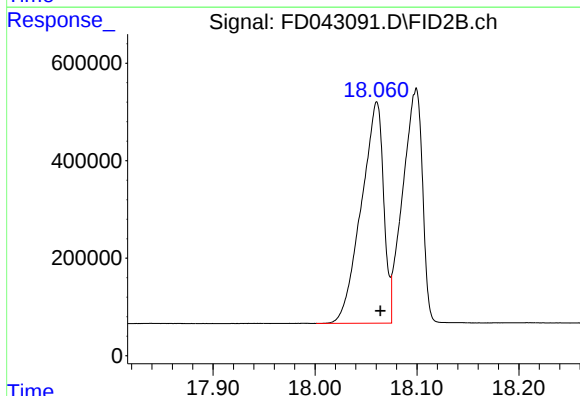
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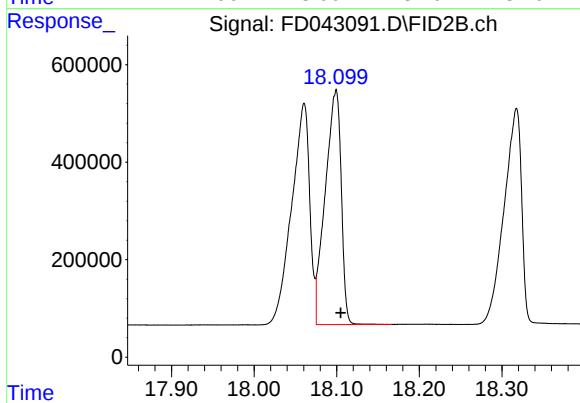
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.692 min
Delta R.T.: -0.008 min
Response: 6273660
Conc: 43.86 ug/ml



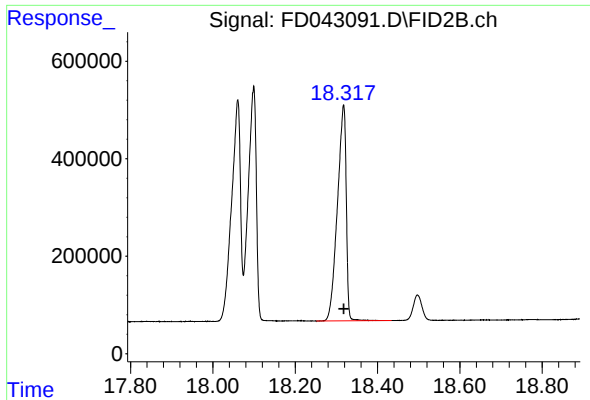
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.060 min
Delta R.T.: -0.004 min
Response: 6916565
Conc: 55.27 ug/ml



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

R.T.: 18.098 min
Delta R.T.: -0.006 min
Response: 6463380
Conc: 48.08 ug/ml



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

R.T.: 18.317 min
Delta R.T.: -0.001 min
Response: 6576542
Conc: 50.42 ug/ml

Instrument :

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