

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048061.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jul 2024 07:26
 Operator : YP/AJ
 Sample : PB162082BSD
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB162082BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :Ankita Jodhani 07/19/2024

Integration File: autoint1.e
 Quant Time: Jul 18 08:08:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 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...	7.407	7719855	51.942 ug/ml
Spiked Amount 50.000		Recovery =	103.88%
6) S 2-Fluorobiphenyl (SURR)	8.259	5136162	54.270 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.54%
11) S ortho-Terphenyl (SURR)	11.298	7223288	43.171 ug/mlm
Spiked Amount 50.000		Recovery =	86.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.224	7216358	43.095 ug/ml
2) T Naphthalene (C11.7)	5.745	8199363	47.446 ug/ml
3) T 2-Methylnaphthalene (...)	6.794	8529622	49.170 ug/ml
5) T Acenaphthylene (C15.06)	8.063	8818657	51.459 ug/ml
7) T Acenaphthene (C15.5)	8.358	8802763	50.743 ug/ml
8) T Flouorene (C16.55)	9.137	9044036	55.683 ug/ml
9) T Phenanthrene (C19.36)	10.527	9494319	59.783 ug/ml
10) T Anthracene (C19.43)	10.602	9194075	58.227 ug/ml
12) T Fluoranthene (C21.85)	12.334	9826704	62.064 ug/ml
13) T Pyrene (C20.8)	12.628	9937077	62.842 ug/ml
14) T Benzo[a]anthracene (C...	14.498	9378533	68.693 ug/ml
15) T Chrysene (C27.41)	14.542	9369480	58.122 ug/ml
16) T benzo[b]fluoranthene ...	16.046	9250355	64.267 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	9144453	61.225 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.424	8738163	61.694 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.790	9283057	82.307 ug/ml
20) T Dibenz[a,h]anthracene...	17.828	8649069	59.511 ug/ml
21) T Benzo[g,h,i]perylene ...	18.042	8380521	56.867 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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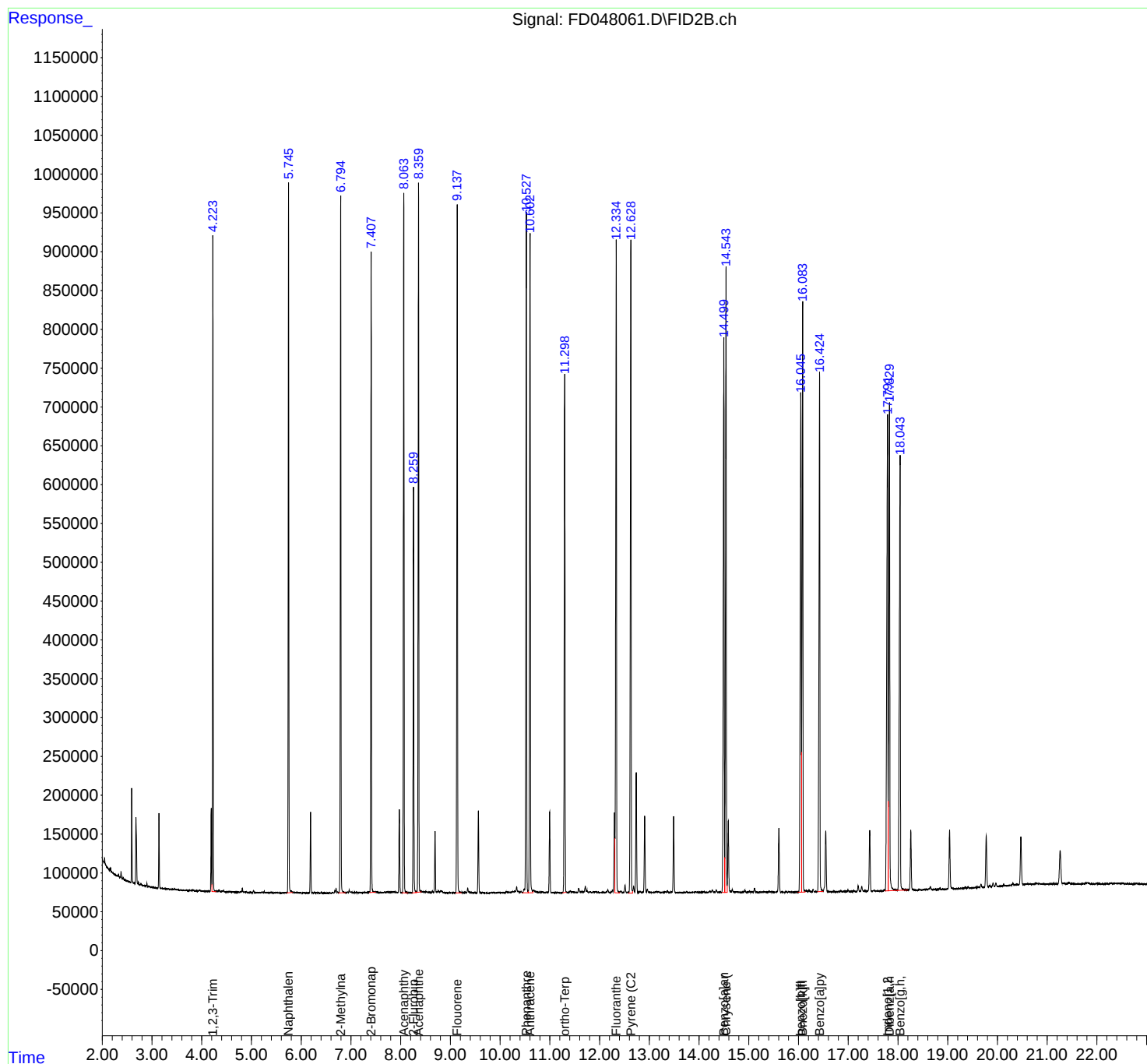
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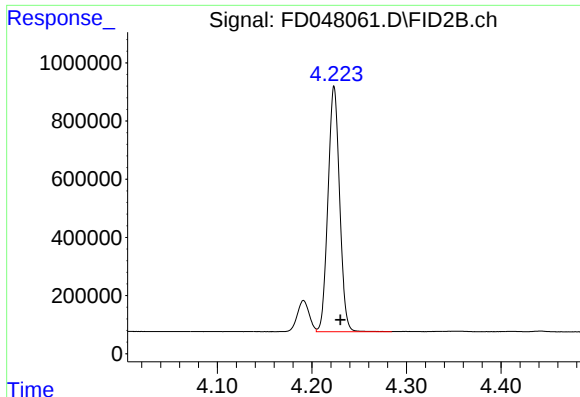
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.224 min
Delta R.T.: -0.006 min
Response: 7216358
Conc: 43.09 ug/ml

Instrument :

FID_D

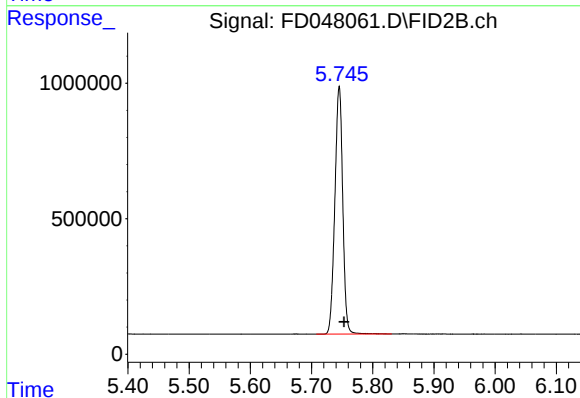
ClientSampleId :

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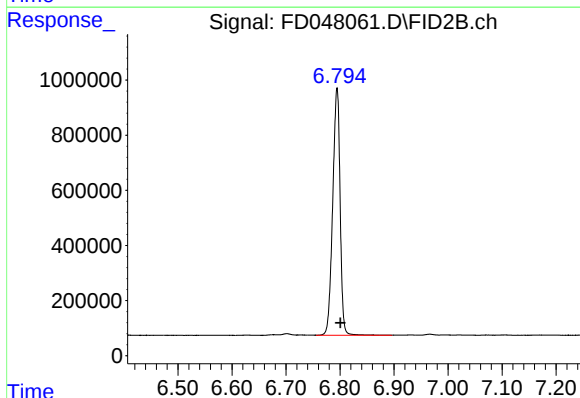
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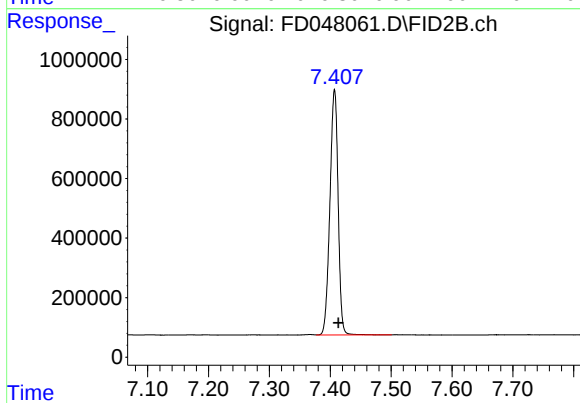
#2 Naphthalene (C11.7)

R.T.: 5.745 min
Delta R.T.: -0.008 min
Response: 8199363
Conc: 47.45 ug/ml



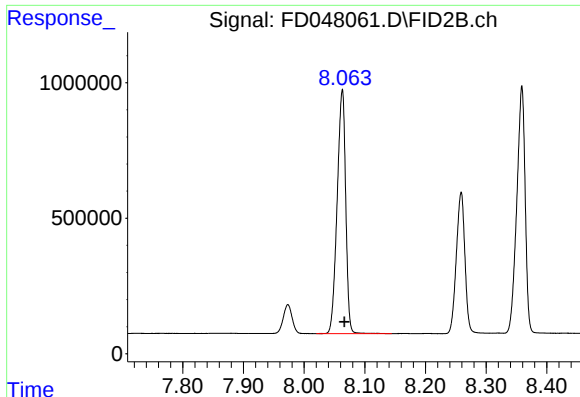
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.794 min
Delta R.T.: -0.007 min
Response: 8529622
Conc: 49.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.407 min
Delta R.T.: -0.006 min
Response: 7719855
Conc: 51.94 ug/ml



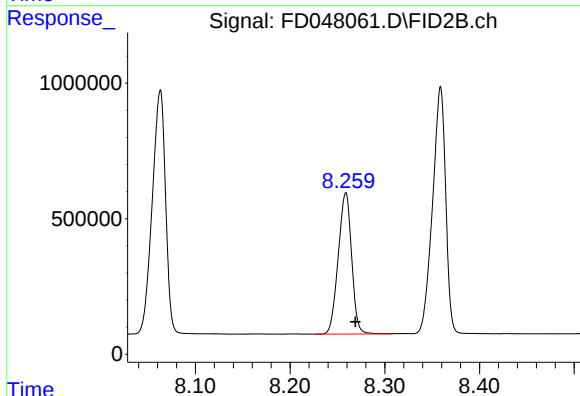
#5 Acenaphthylene (C15.06)

R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 8818657
Conc: 51.46 ug/ml

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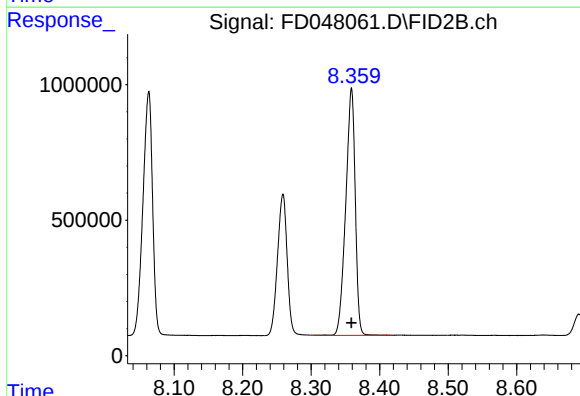
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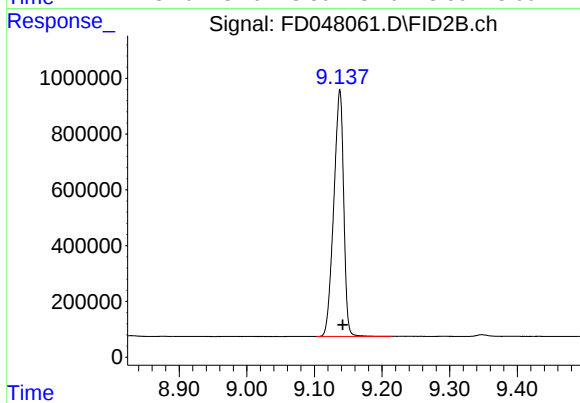
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.259 min
Delta R.T.: -0.010 min
Response: 5136162
Conc: 54.27 ug/ml



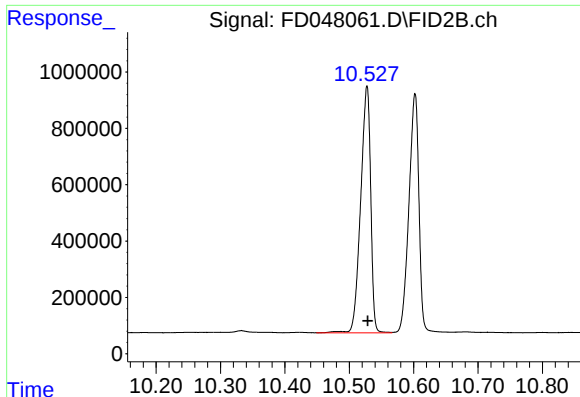
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: 0.000 min
Response: 8802763
Conc: 50.74 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.137 min
Delta R.T.: -0.005 min
Response: 9044036
Conc: 55.68 ug/ml



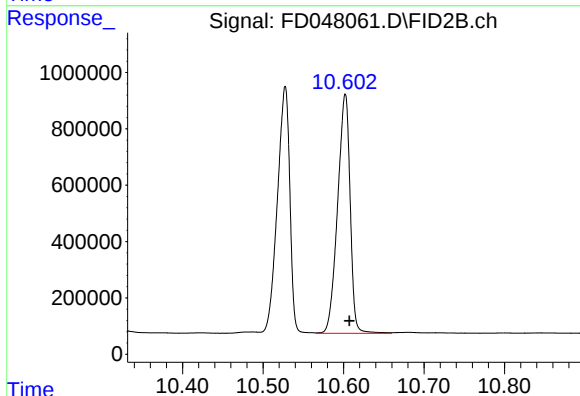
#9 Phenanthrene (C19.36)

R.T.: 10.527 min
Delta R.T.: -0.002 min
Response: 9494319
Conc: 59.78 ug/ml

Instrument :
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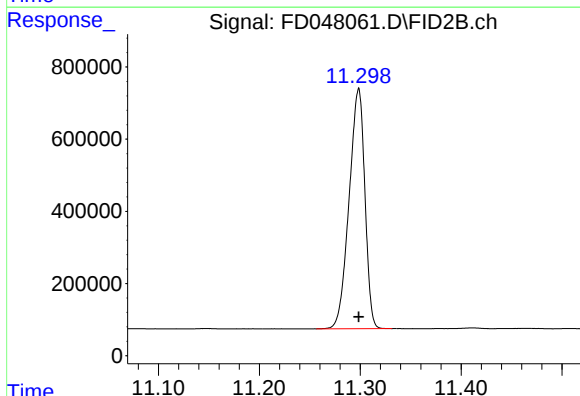
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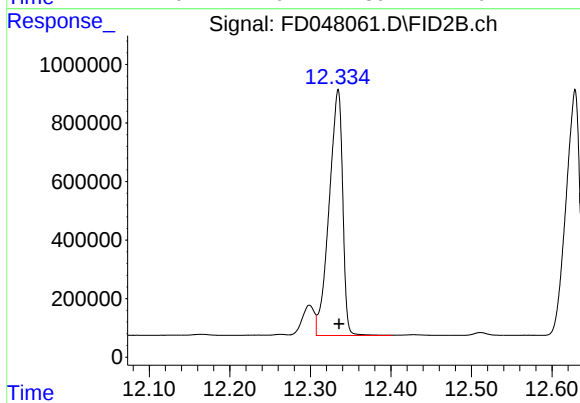
#10 Anthracene (C19.43)

R.T.: 10.602 min
Delta R.T.: -0.006 min
Response: 9194075
Conc: 58.23 ug/ml



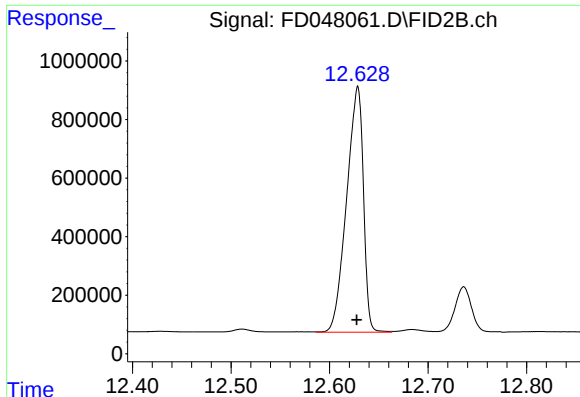
#11 ortho-Terphenyl (SURR)

R.T.: 11.298 min
Delta R.T.: 0.000 min
Response: 7223288
Conc: 43.17 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.334 min
Delta R.T.: -0.002 min
Response: 9826704
Conc: 62.06 ug/ml



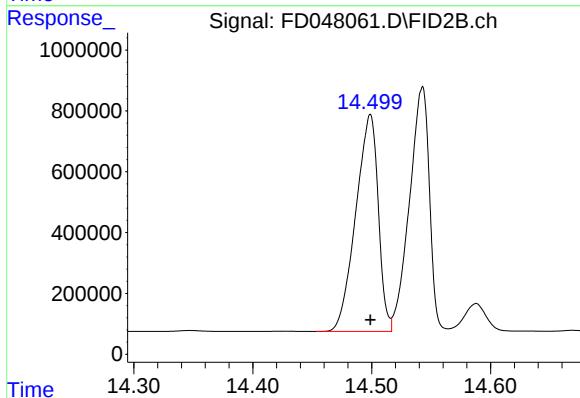
#13 Pyrene (C20.8)

R.T.: 12.628 min
Delta R.T.: 0.000 min
Response: 9937077
Conc: 62.84 ug/ml

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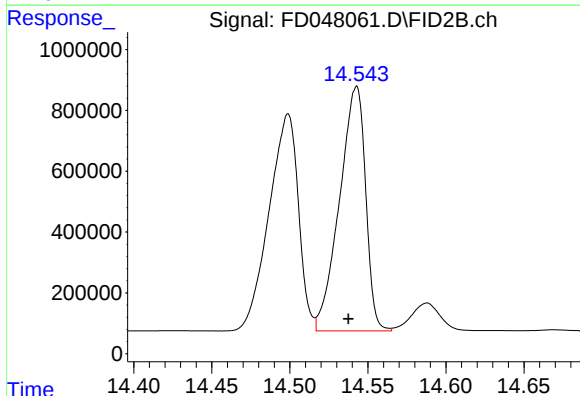
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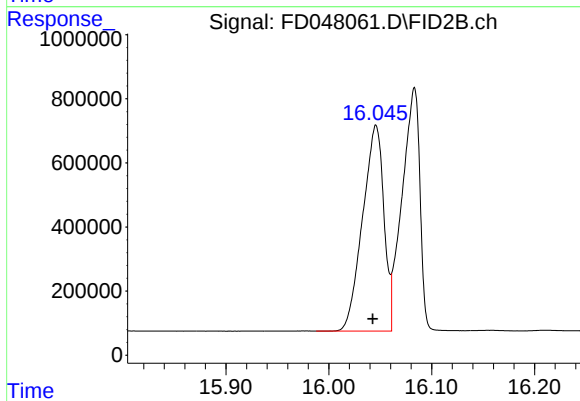
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.498 min
Delta R.T.: 0.000 min
Response: 9378533
Conc: 68.69 ug/ml



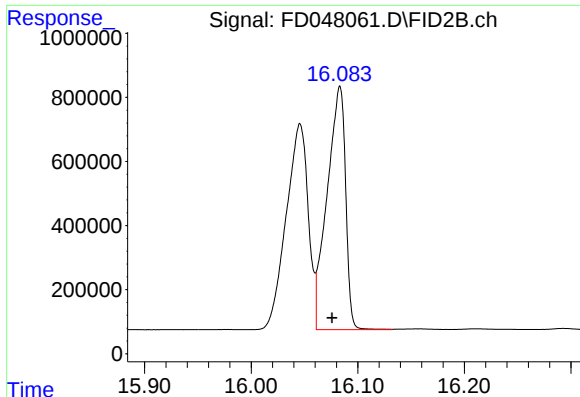
#15 Chrysene (C27.41)

R.T.: 14.542 min
Delta R.T.: 0.005 min
Response: 9369480
Conc: 58.12 ug/ml



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

R.T.: 16.046 min
Delta R.T.: 0.003 min
Response: 9250355
Conc: 64.27 ug/ml



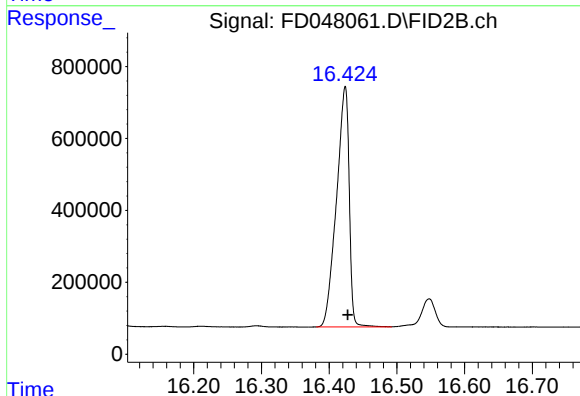
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.082 min
Delta R.T.: 0.007 min
Response: 9144453
Conc: 61.23 ug/ml

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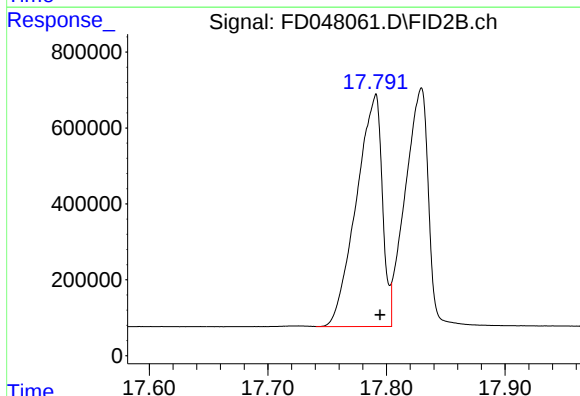
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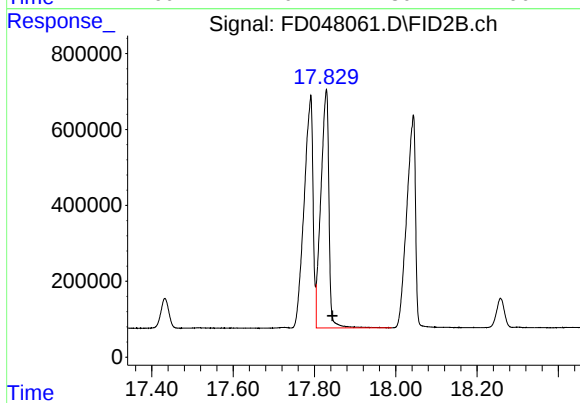
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.424 min
Delta R.T.: -0.004 min
Response: 8738163
Conc: 61.69 ug/ml m



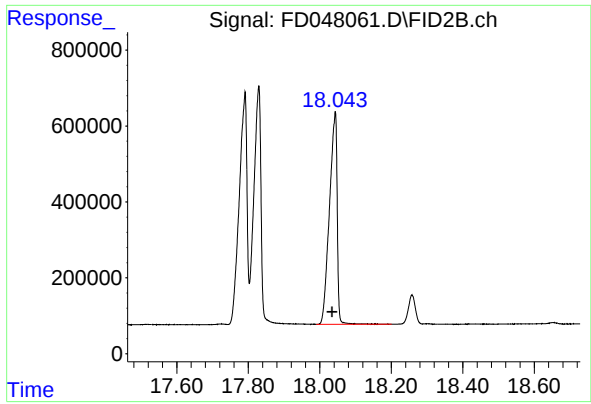
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.790 min
Delta R.T.: -0.005 min
Response: 9283057
Conc: 82.31 ug/ml



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

R.T.: 17.828 min
Delta R.T.: -0.016 min
Response: 8649069
Conc: 59.51 ug/ml



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

R.T.: 18.042 min
Delta R.T.: 0.007 min
Response: 8380521
Conc: 56.87 ug/ml

Instrument :

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