

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050322AR\
 Data File : FD042267.D
 Signal(s) : FID2B.CH
 Acq On : 03 May 2022 17:38
 Operator : UA/NP
 Sample : PB144505BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144505BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: sample.E
 Quant Time: May 04 02:36:37 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...	7.348	6100574	43.523 ug/ml
Spiked Amount 50.000		Recovery =	87.05%
6) S 2-Fluorobiphenyl (SURR)	8.198	3628460	50.924 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.85%
11) S ortho-Terphenyl (SURR)	11.225	6113035	35.268 ug/ml
Spiked Amount 50.000		Recovery =	70.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	5146481	33.058 ug/mlm
2) T Naphthalene (C11.7)	5.692	5911805	37.476 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	5747556	39.746 ug/ml
5) T Acenaphthylene (C15.06)	7.999	5831458	35.385 ug/ml
7) T Acenaphthene (C15.5)	8.293	6505267	34.650 ug/ml
8) T Flouorene (C16.55)	9.071	6282982	41.250 ug/ml
9) T Phenanthrene (C19.36)	10.458	6352835	42.784 ug/ml
10) T Anthracene (C19.43)	10.533	6651890	39.734 ug/ml
12) T Fluoranthene (C21.85)	12.261	6647575	42.379 ug/ml
13) T Pyrene (C20.8)	12.554	6557361	40.203 ug/ml
14) T Benzo[a]anthracene (C...	14.427	6150990	51.422 ug/ml
15) T Chrysene (C27.41)	14.468	6137029	33.451 ug/ml
16) T benzo[b]fluoranthene ...	15.976	6267066	47.732 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	6759625	39.099 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.352	5788383	39.232 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	5978099	59.893 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	6502201	41.427 ug/ml
21) T Benzo[g,h,i]perylene ...	17.974	6240540	45.061 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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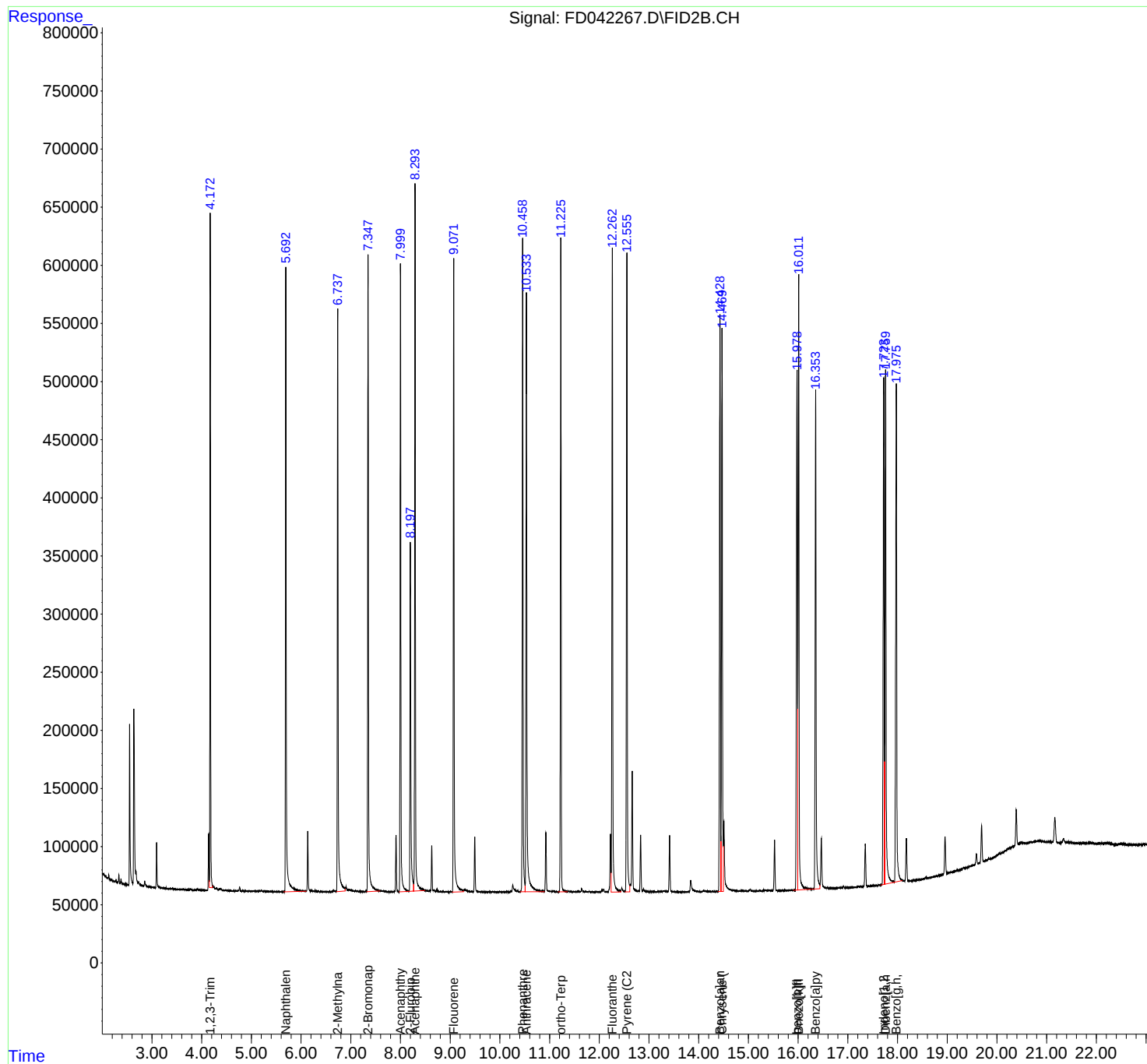
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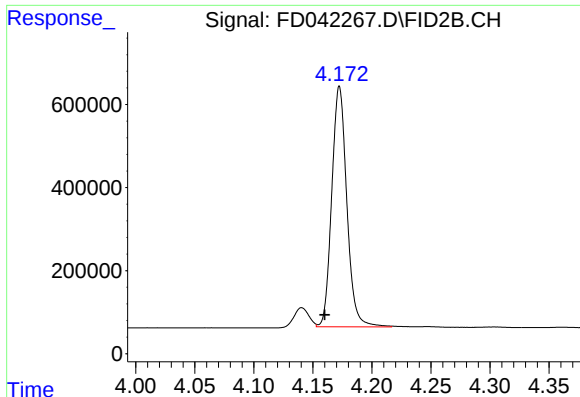
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: 0.012 min
Response: 5146481
Conc: 33.06 ug/ml

Instrument :

FID_D

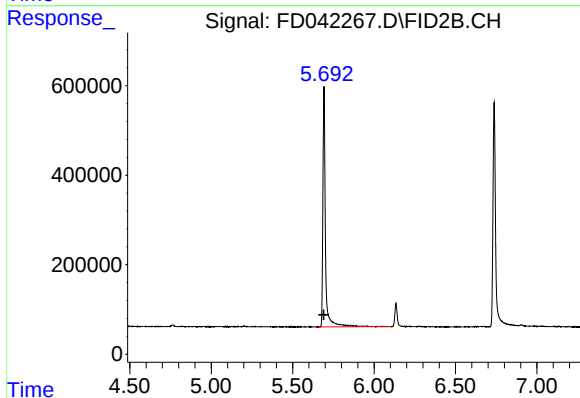
ClientSampleId :

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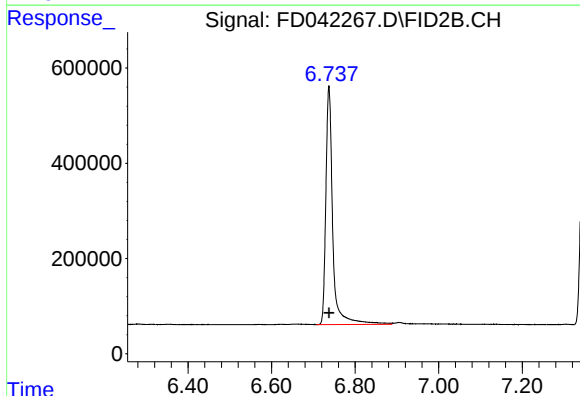
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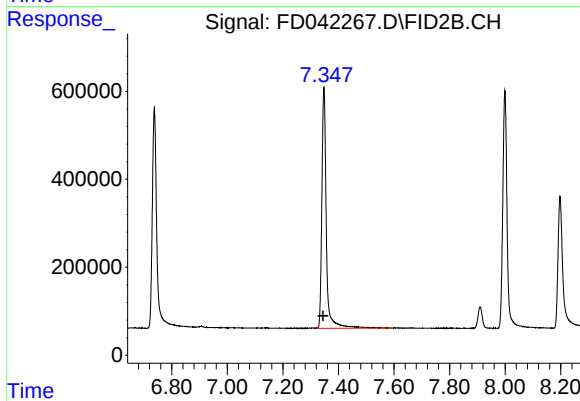
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: 0.002 min
Response: 5911805
Conc: 37.48 ug/ml



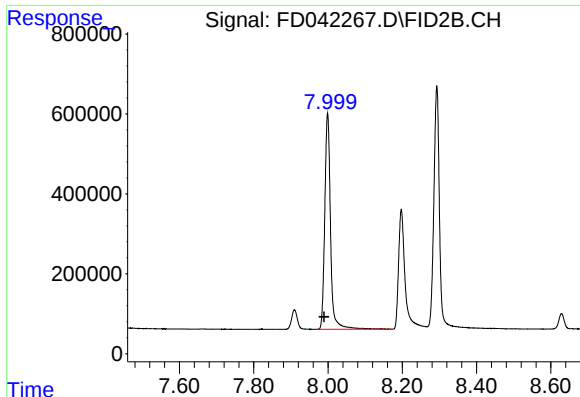
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 5747556
Conc: 39.75 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min
Delta R.T.: 0.003 min
Response: 6100574
Conc: 43.52 ug/ml



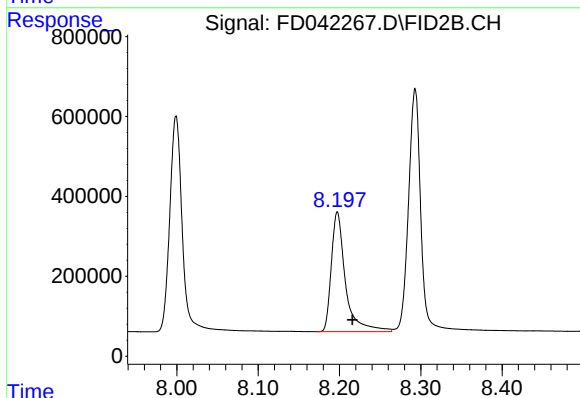
#5 Acenaphthylene (C15.06)

R.T.: 7.999 min
Delta R.T.: 0.010 min
Response: 5831458
Conc: 35.38 ug/ml

Instrument :
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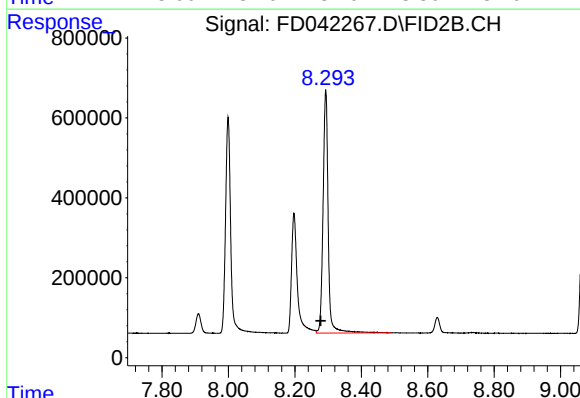
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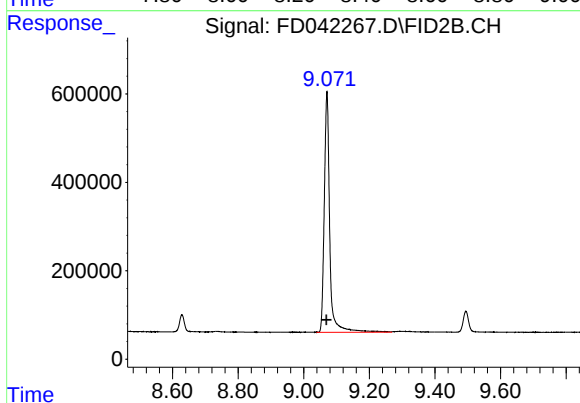
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.198 min
Delta R.T.: -0.018 min
Response: 3628460
Conc: 50.92 ug/ml



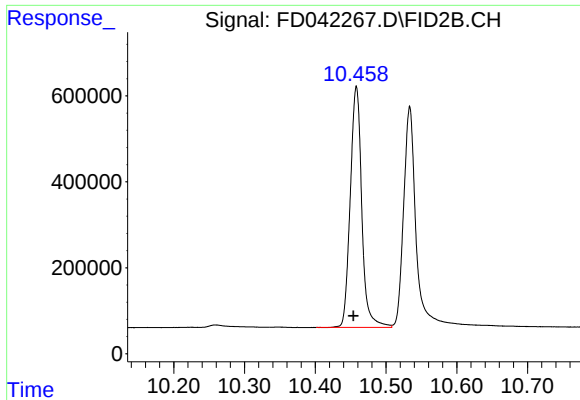
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: 0.015 min
Response: 6505267
Conc: 34.65 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.071 min
Delta R.T.: 0.001 min
Response: 6282982
Conc: 41.25 ug/ml



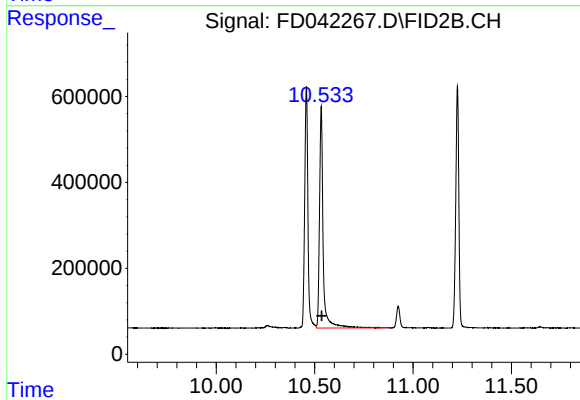
#9 Phenanthrene (C19.36)

R.T.: 10.458 min
Delta R.T.: 0.004 min
Response: 6352835
Conc: 42.78 ug/ml

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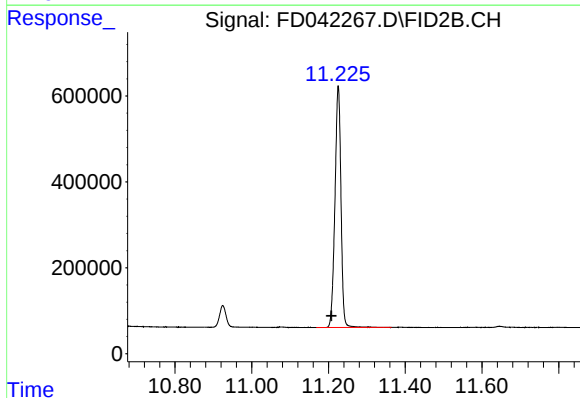
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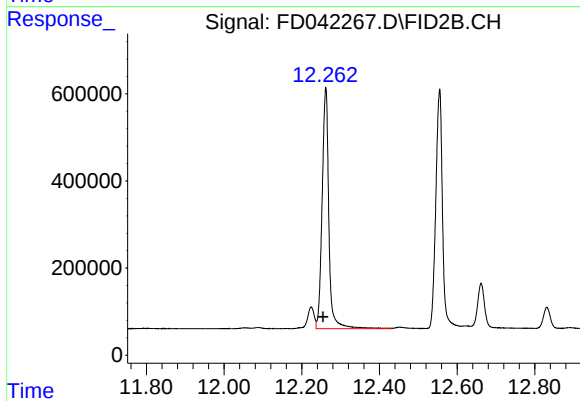
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.003 min
Response: 6651890
Conc: 39.73 ug/ml



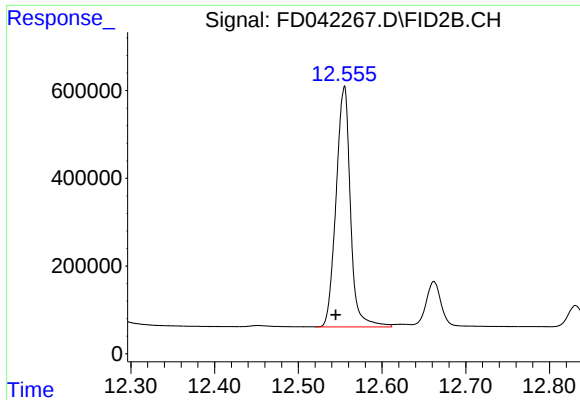
#11 ortho-Terphenyl (SURR)

R.T.: 11.225 min
Delta R.T.: 0.017 min
Response: 6113035
Conc: 35.27 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: 0.007 min
Response: 6647575
Conc: 42.38 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: 0.010 min
Response: 6557361
Conc: 40.20 ug/ml

Instrument :

FID_D

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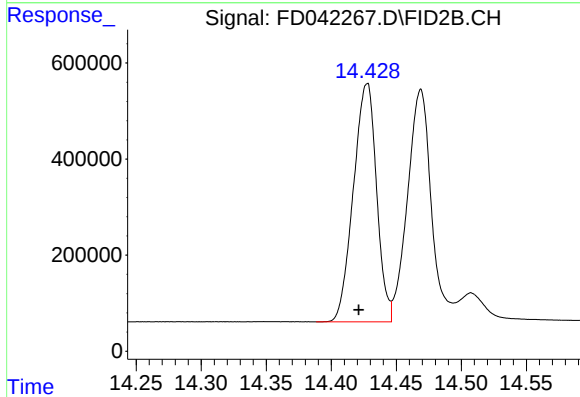
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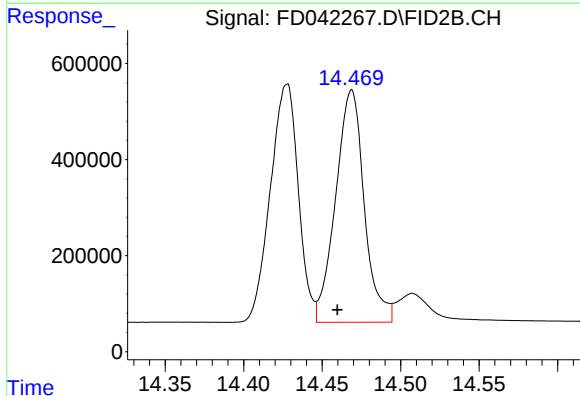
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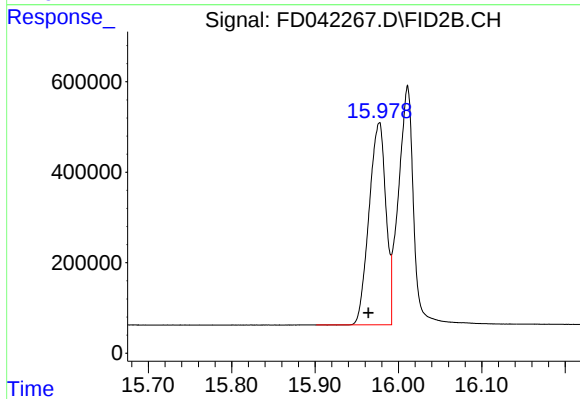
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: 0.006 min
Response: 6150990
Conc: 51.42 ug/ml



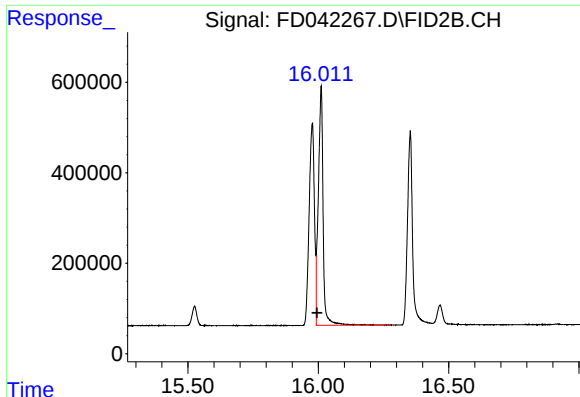
#15 Chrysene (C27.41)

R.T.: 14.468 min
Delta R.T.: 0.009 min
Response: 6137029
Conc: 33.45 ug/ml



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

R.T.: 15.976 min
Delta R.T.: 0.013 min
Response: 6267066
Conc: 47.73 ug/ml



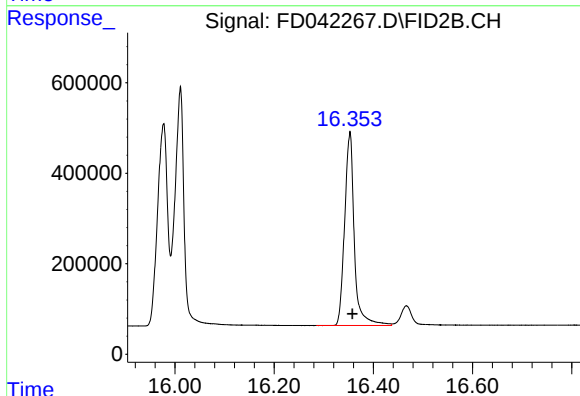
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.010 min
Delta R.T.: 0.015 min
Response: 6759625
Conc: 39.10 ug/ml

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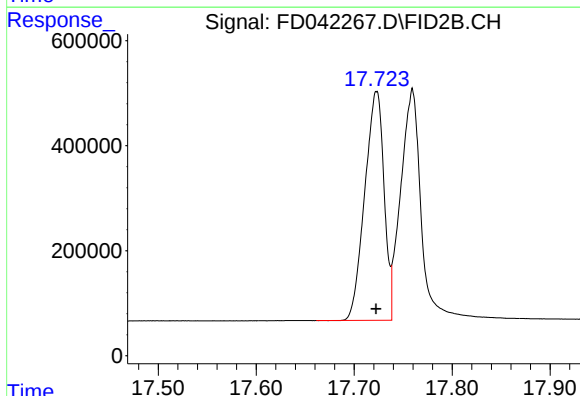
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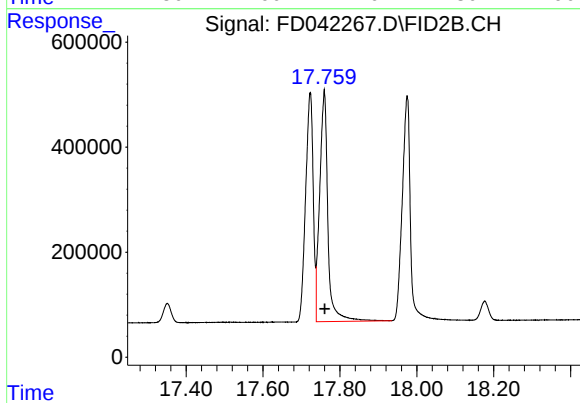
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.352 min
Delta R.T.: -0.005 min
Response: 5788383
Conc: 39.23 ug/ml



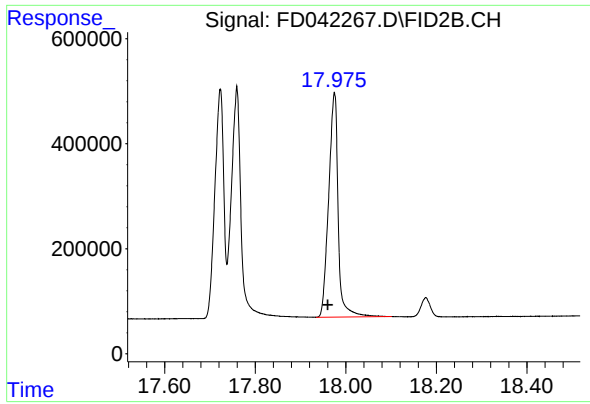
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.723 min
Delta R.T.: 0.000 min
Response: 5978099
Conc: 59.89 ug/ml



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

R.T.: 17.759 min
Delta R.T.: -0.002 min
Response: 6502201
Conc: 41.43 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.014 min
Response: 6240540
Conc: 45.06 ug/ml

Instrument :

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