

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050322AR\
 Data File : FD042266.D
 Signal(s) : FID2B.CH
 Acq On : 03 May 2022 17:01
 Operator : UA/NP
 Sample : PB144505BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144505BS

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 02:36:23 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	6160606	43.952 ug/ml
Spiked Amount 50.000		Recovery =	87.90%
6) S 2-Fluorobiphenyl (SURR)	8.198	3673278	51.553 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.11%
11) S ortho-Terphenyl (SURR)	11.225	6166909	35.579 ug/ml
Spiked Amount 50.000		Recovery =	71.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.173	5204619	33.432 ug/mlm
2) T Naphthalene (C11.7)	5.692	5880852	37.280 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	5801895	40.122 ug/ml
5) T Acenaphthylene (C15.06)	7.999	5883435	35.700 ug/ml
7) T Acenaphthene (C15.5)	8.293	6599873	35.154 ug/ml
8) T Flouorene (C16.55)	9.071	6355479	41.726 ug/ml
9) T Phenanthrene (C19.36)	10.458	6407677	43.153 ug/ml
10) T Anthracene (C19.43)	10.533	6713250	40.101 ug/ml
12) T Fluoranthene (C21.85)	12.261	6657573	42.443 ug/ml
13) T Pyrene (C20.8)	12.555	6568788	40.273 ug/ml
14) T Benzo[a]anthracene (C...	14.427	6124382	51.199 ug/ml
15) T Chrysene (C27.41)	14.469	6116373	33.339 ug/ml
16) T benzo[b]fluoranthene ...	15.976	6220860	47.380 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	6691149	38.703 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.353	5744959	38.937 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	5901162	59.122 ug/ml
20) T Dibenz[a,h]anthracene...	17.760	6458935	41.151 ug/ml
21) T Benzo[g,h,i]perylene ...	17.974	6185267	44.662 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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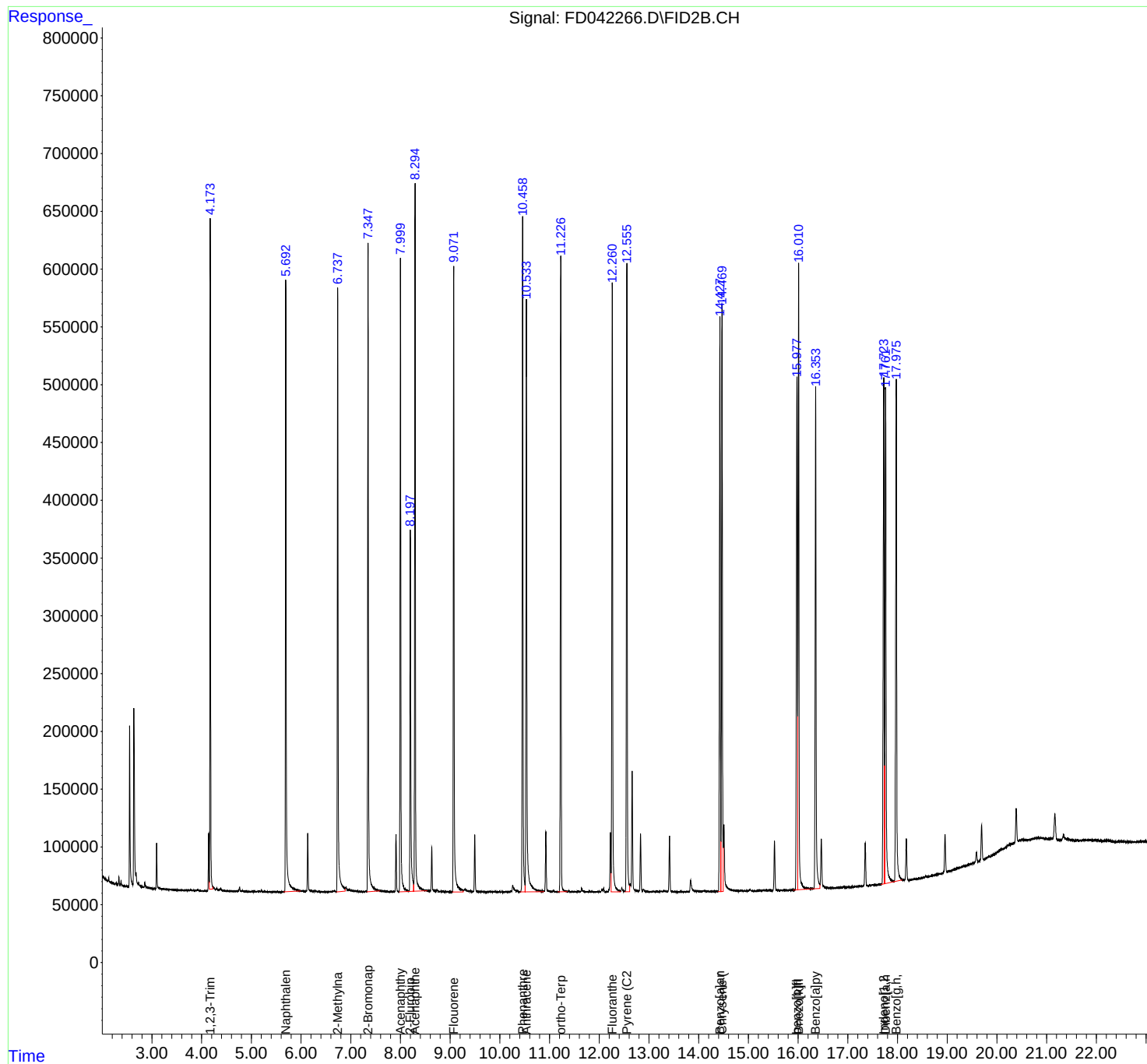
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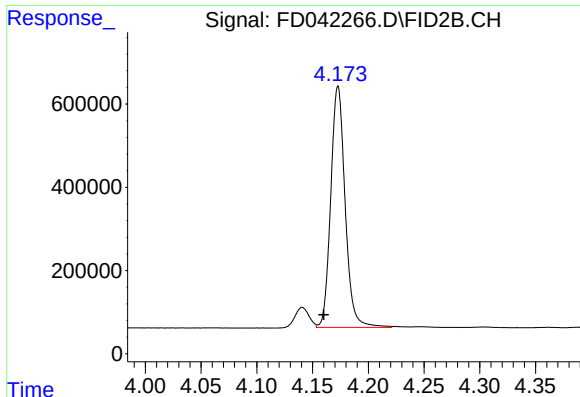
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.173 min
Delta R.T.: 0.013 min
Response: 5204619
Conc: 33.43 ug/ml

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FID_D

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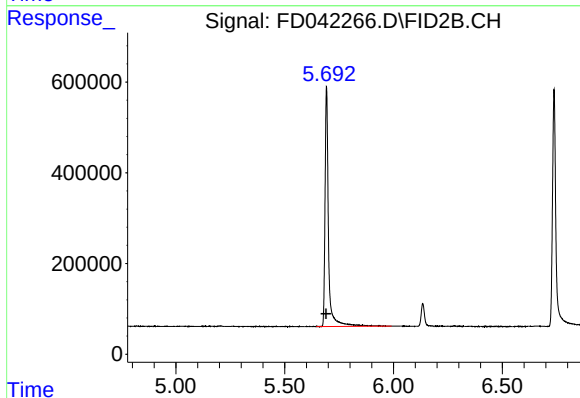
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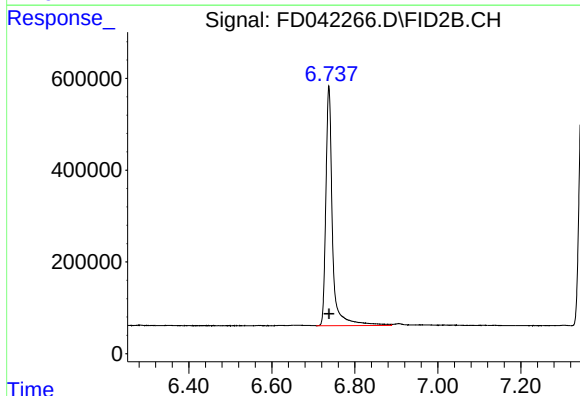
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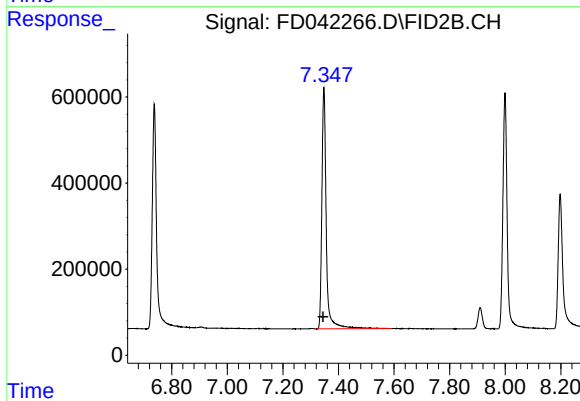
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: 0.002 min
Response: 5880852
Conc: 37.28 ug/ml



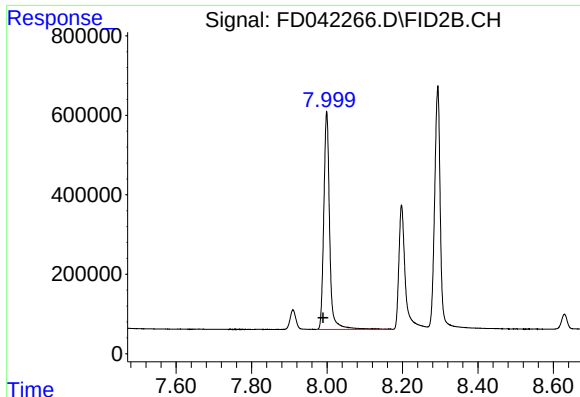
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 5801895
Conc: 40.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min
Delta R.T.: 0.003 min
Response: 6160606
Conc: 43.95 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.999 min
Delta R.T.: 0.010 min
Response: 5883435
Conc: 35.70 ug/ml

Instrument :

FID_D

ClientSampleId :

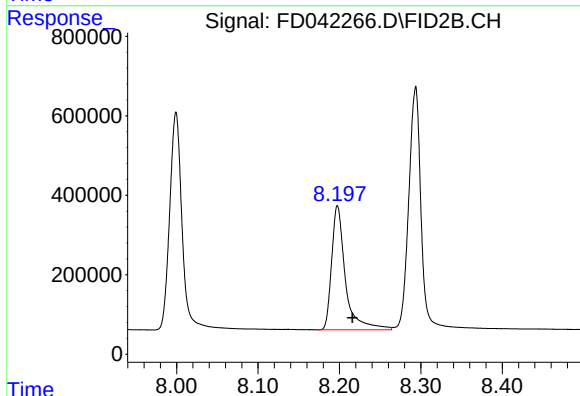
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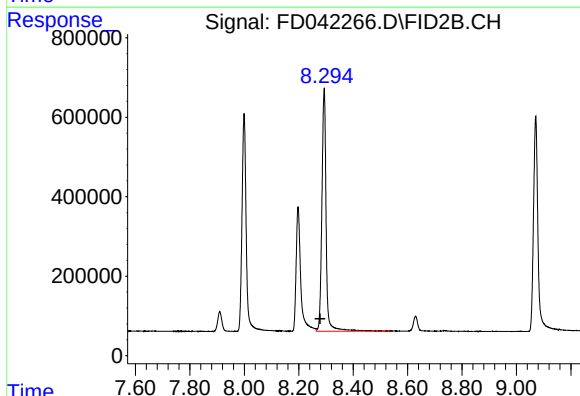
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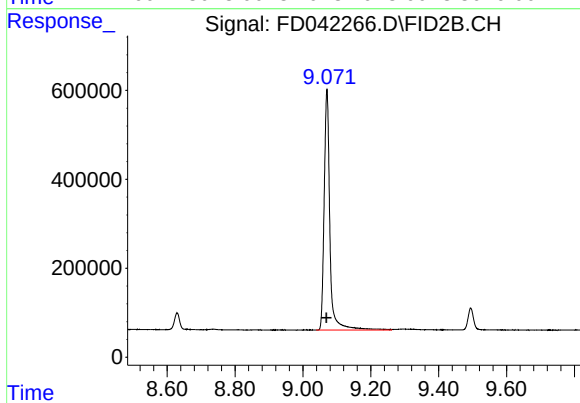
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.198 min
Delta R.T.: -0.018 min
Response: 3673278
Conc: 51.55 ug/ml



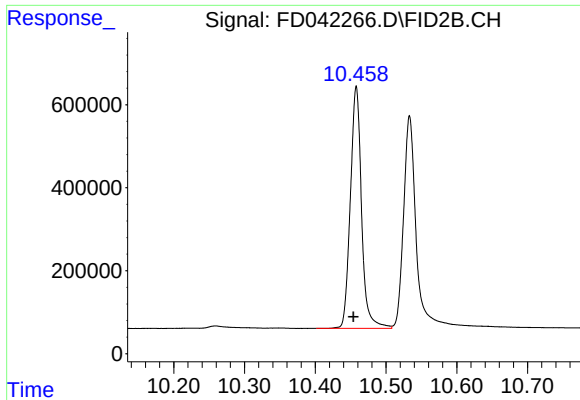
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: 0.015 min
Response: 6599873
Conc: 35.15 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.071 min
Delta R.T.: 0.001 min
Response: 6355479
Conc: 41.73 ug/ml



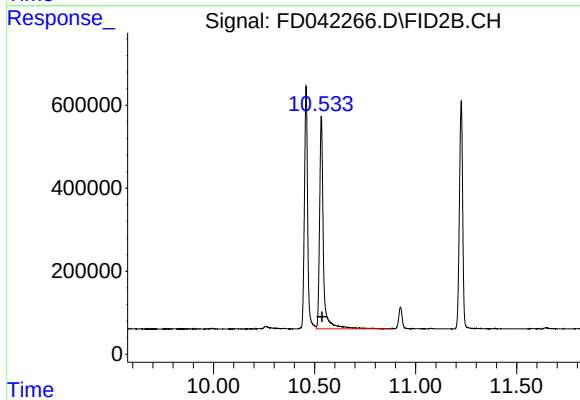
#9 Phenanthrene (C19.36)

R.T.: 10.458 min
Delta R.T.: 0.004 min
Response: 6407677
Conc: 43.15 ug/ml

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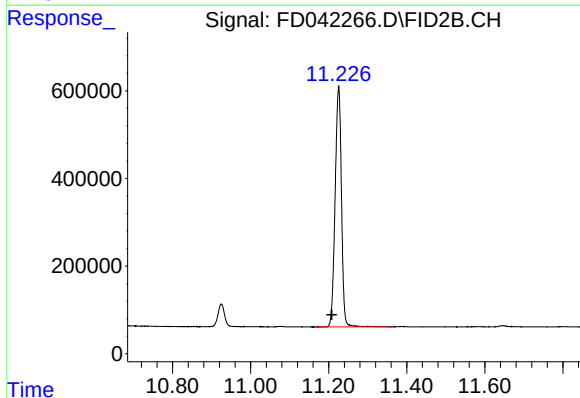
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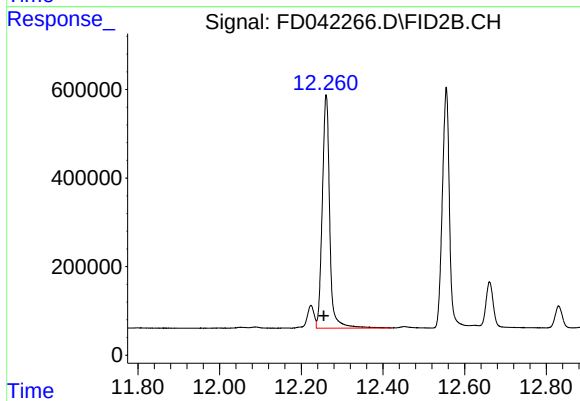
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.003 min
Response: 6713250
Conc: 40.10 ug/ml



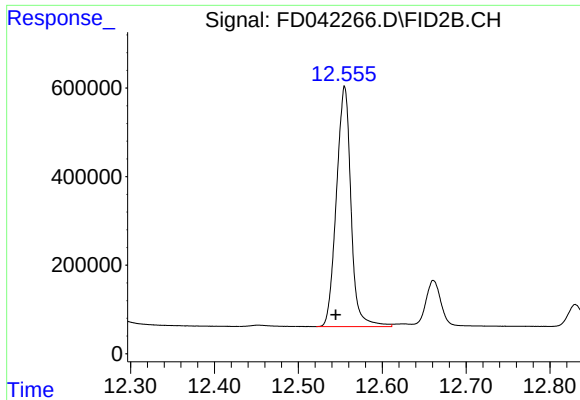
#11 ortho-Terphenyl (SURR)

R.T.: 11.225 min
Delta R.T.: 0.017 min
Response: 6166909
Conc: 35.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: 0.006 min
Response: 6657573
Conc: 42.44 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.555 min
Delta R.T.: 0.010 min
Response: 6568788
Conc: 40.27 ug/ml

Instrument :

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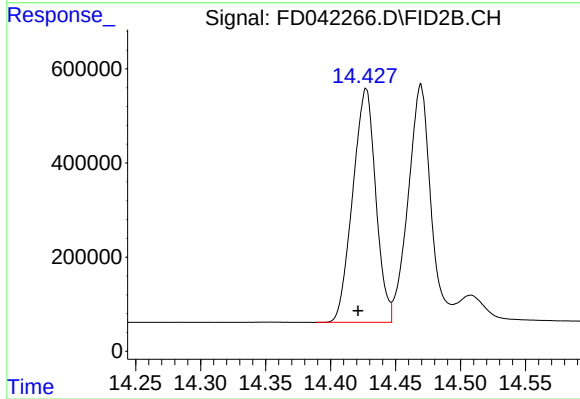
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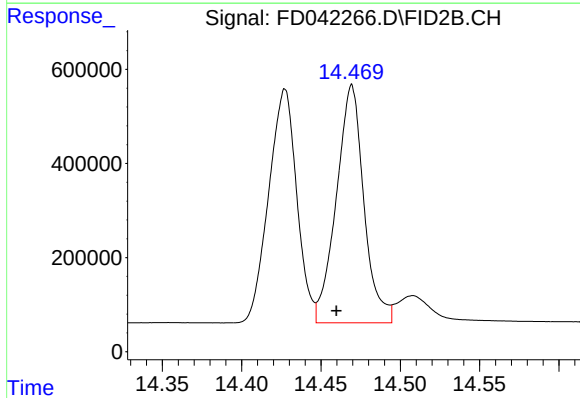
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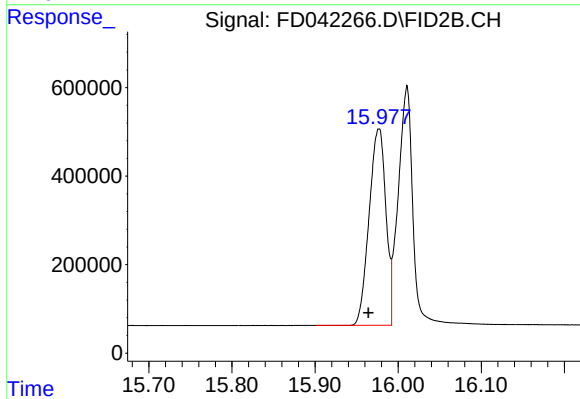
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: 0.006 min
Response: 6124382
Conc: 51.20 ug/ml



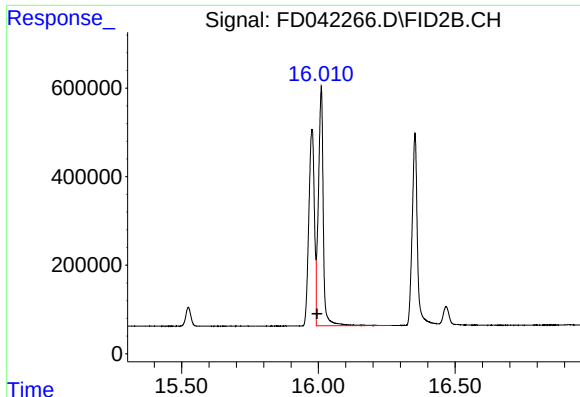
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: 0.009 min
Response: 6116373
Conc: 33.34 ug/ml



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

R.T.: 15.976 min
Delta R.T.: 0.013 min
Response: 6220860
Conc: 47.38 ug/ml



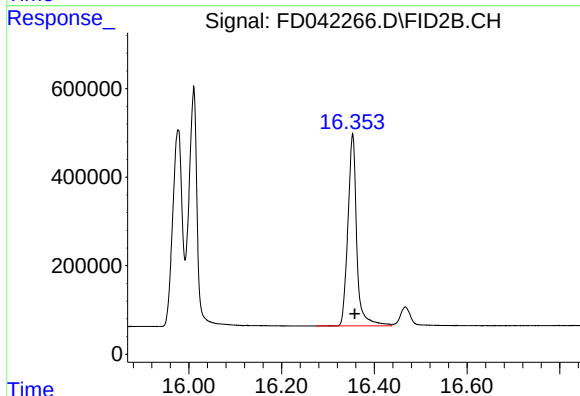
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.010 min
Delta R.T.: 0.015 min
Response: 6691149
Conc: 38.70 ug/ml

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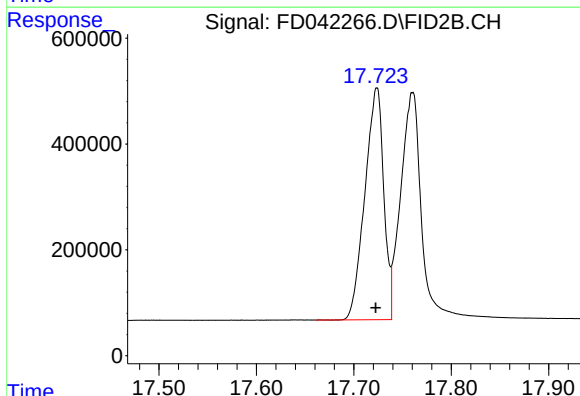
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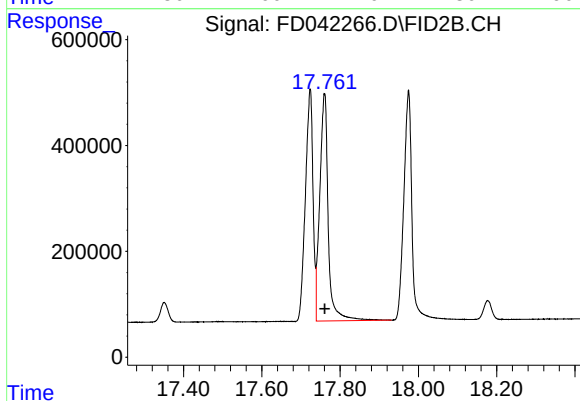
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.353 min
Delta R.T.: -0.005 min
Response: 5744959
Conc: 38.94 ug/ml



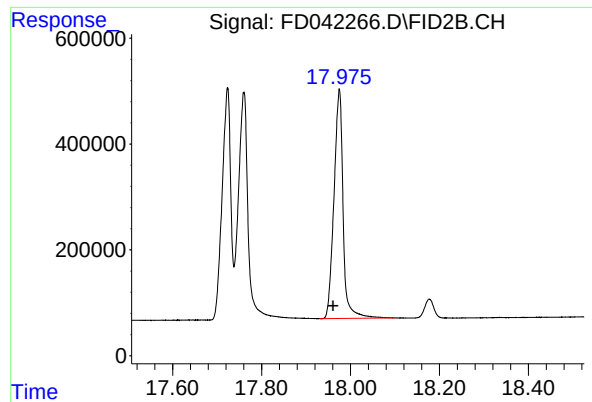
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.723 min
Delta R.T.: 0.000 min
Response: 5901162
Conc: 59.12 ug/ml



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

R.T.: 17.760 min
Delta R.T.: 0.000 min
Response: 6458935
Conc: 41.15 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.014 min
Response: 6185267
Conc: 44.66 ug/ml

Instrument :

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ClientSampleId :

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