

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041786.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2022 19:32
 Operator : UA/NP
 Sample : N2142-01MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 CW-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 30 02:21:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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	5961707	37.170 ug/ml
Spiked Amount 50.000		Recovery =	74.34%
6) S 2-Fluorobiphenyl (SURR)	8.197	3758201	38.032 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.06%
11) S ortho-Terphenyl (SURR)	11.229	6708615	34.510 ug/mlm
Spiked Amount 50.000		Recovery =	69.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.170	4428477	25.283 ug/ml
2) T Naphthalene (C11.7)	5.690	5065614	28.711 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	5561603	34.762 ug/ml
5) T Acenaphthylene (C15.06)	7.999	5715854	30.887 ug/ml
7) T Acenaphthene (C15.5)	8.294	6346524	33.060 ug/ml
8) T Flouorene (C16.55)	9.071	6219340	35.253 ug/ml
9) T Phenanthrene (C19.36)	10.459	6900690	39.562 ug/ml
10) T Anthracene (C19.43)	10.534	6357007	34.926 ug/ml
12) T Fluoranthene (C21.85)	12.263	6817069	38.615 ug/ml
13) T Pyrene (C20.8)	12.555	6637264	39.258 ug/ml
14) T Benzo[a]anthracene (C...	14.427	5793160	38.743 ug/ml
15) T Chrysene (C27.41)	14.469	5882536	32.682 ug/ml
16) T benzo[b]fluoranthene ...	15.977	5627633	37.950 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	5711664	34.566 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.353	4971321	35.344 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	5083762	46.157 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	5395399	37.268 ug/ml
21) T Benzo[g,h,i]perylene ...	17.974	5039535	37.972 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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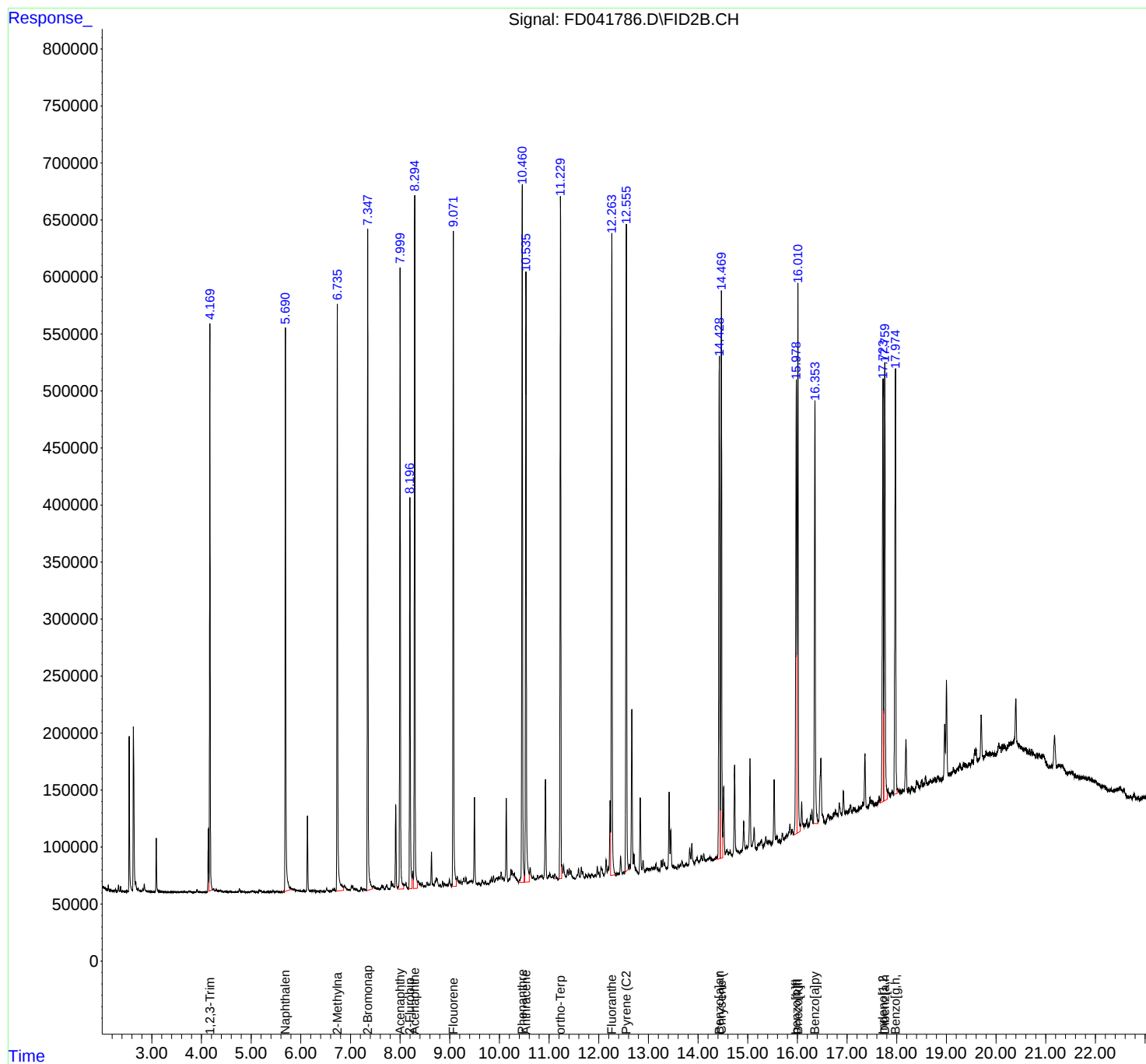
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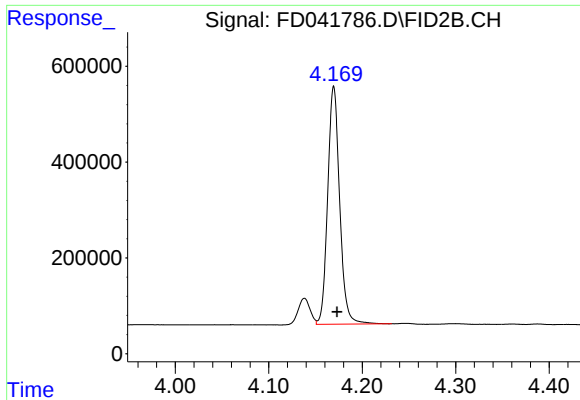
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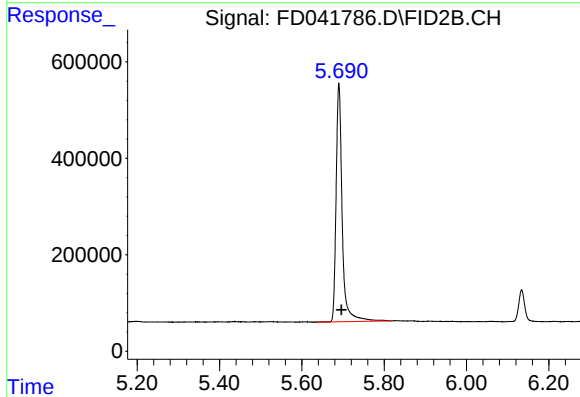
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.170 min
Delta R.T.: -0.003 min
Response: 4428477
Conc: 25.28 ug/ml

Instrument :
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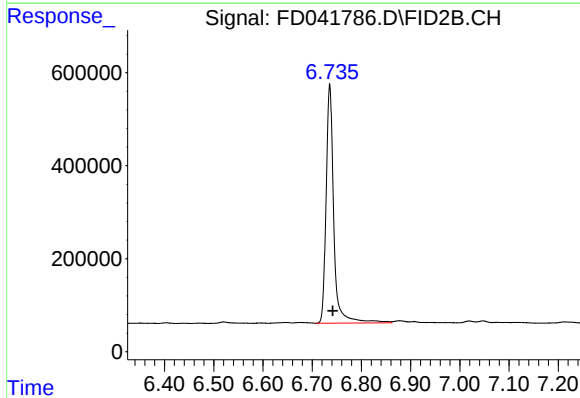
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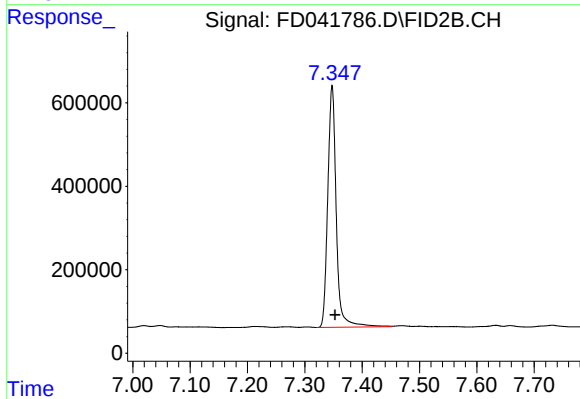
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.006 min
Response: 5065614
Conc: 28.71 ug/ml



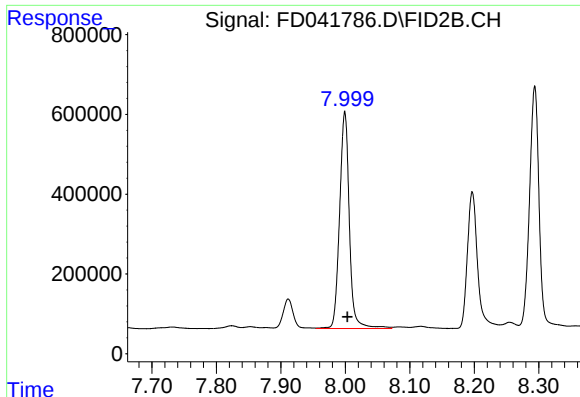
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.006 min
Response: 5561603
Conc: 34.76 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 5961707
Conc: 37.17 ug/ml



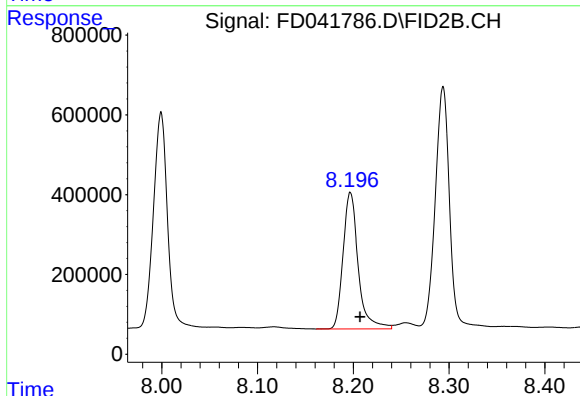
#5 Acenaphthylene (C15.06)

R.T.: 7.999 min
Delta R.T.: -0.004 min
Response: 5715854
Conc: 30.89 ug/ml

Instrument :
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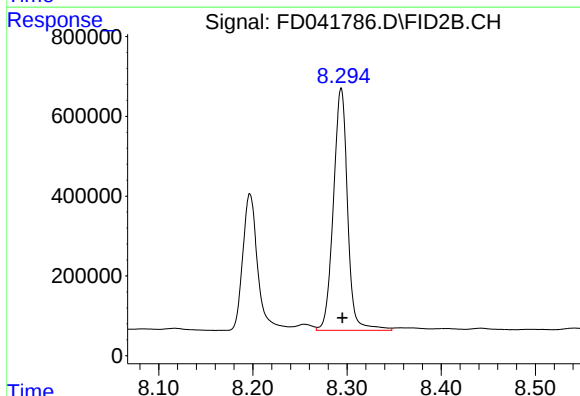
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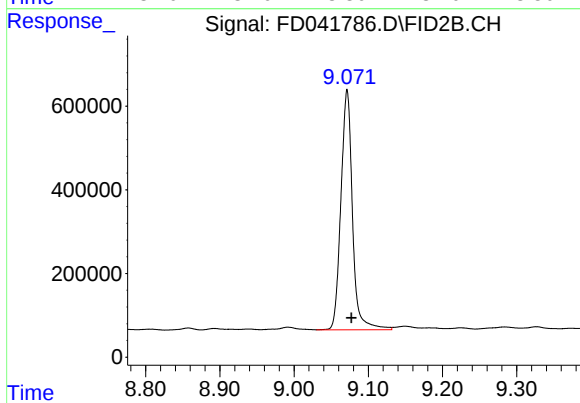
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 3758201
Conc: 38.03 ug/ml



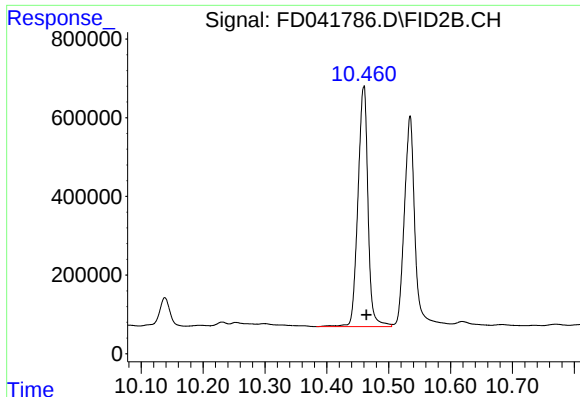
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.002 min
Response: 6346524
Conc: 33.06 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.071 min
Delta R.T.: -0.006 min
Response: 6219340
Conc: 35.25 ug/ml



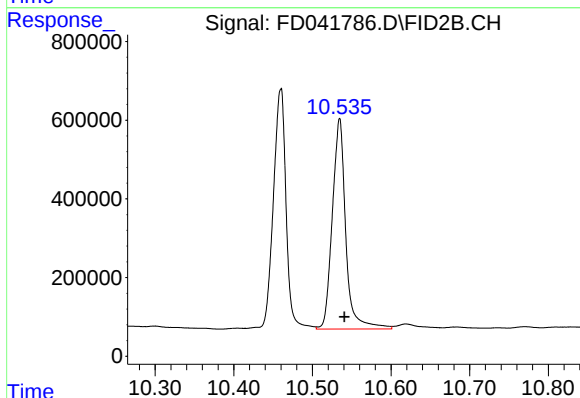
#9 Phenanthrene (C19.36)

R.T.: 10.459 min
Delta R.T.: -0.005 min
Response: 6900690
Conc: 39.56 ug/ml

Instrument :
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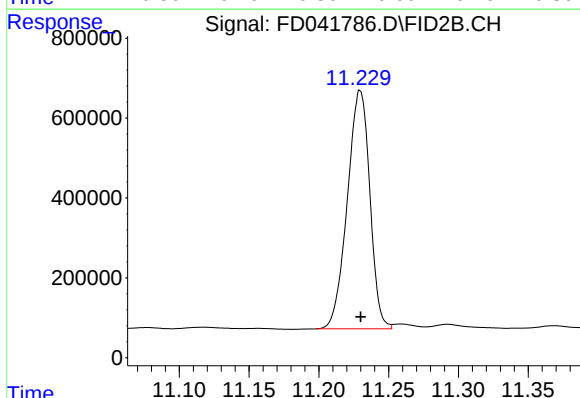
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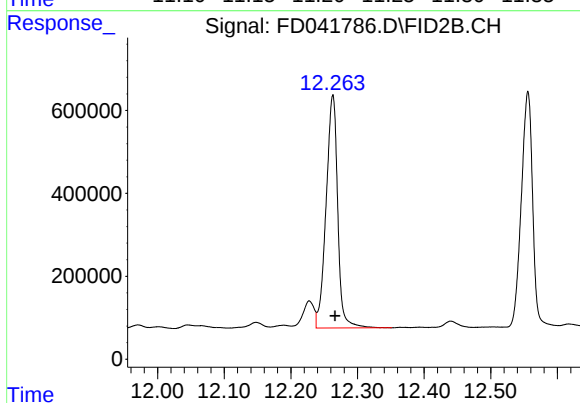
#10 Anthracene (C19.43)

R.T.: 10.534 min
Delta R.T.: -0.006 min
Response: 6357007
Conc: 34.93 ug/ml



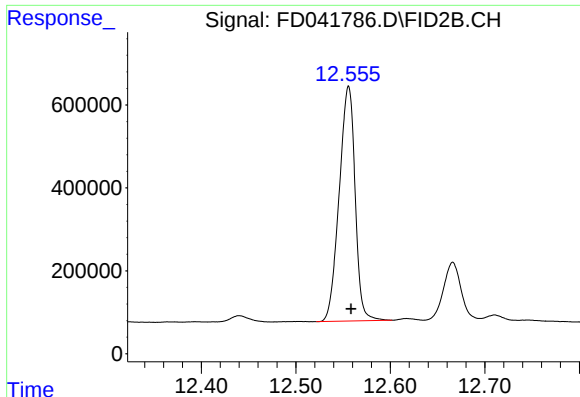
#11 ortho-Terphenyl (SURR)

R.T.: 11.229 min
Delta R.T.: -0.001 min
Response: 6708615
Conc: 34.51 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.263 min
Delta R.T.: -0.004 min
Response: 6817069
Conc: 38.62 ug/ml



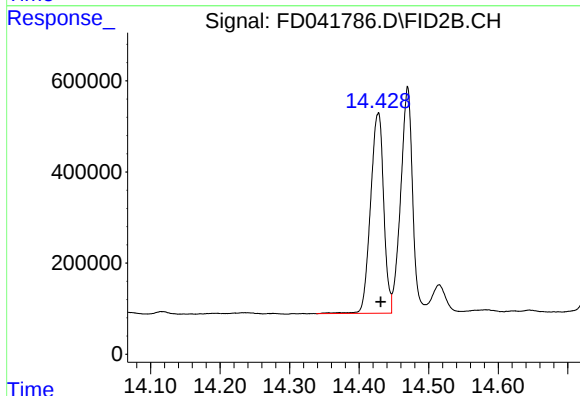
#13 Pyrene (C20.8)

R.T.: 12.555 min
Delta R.T.: -0.003 min
Response: 6637264
Conc: 39.26 ug/ml

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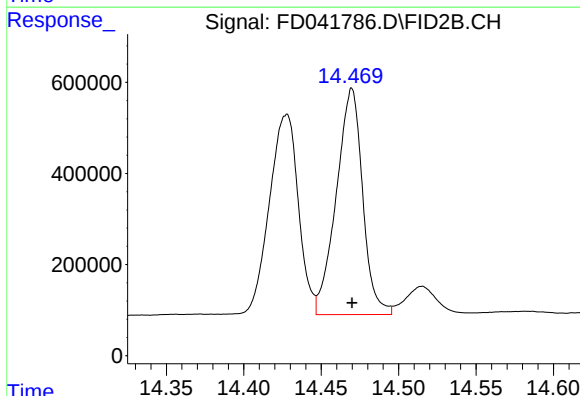
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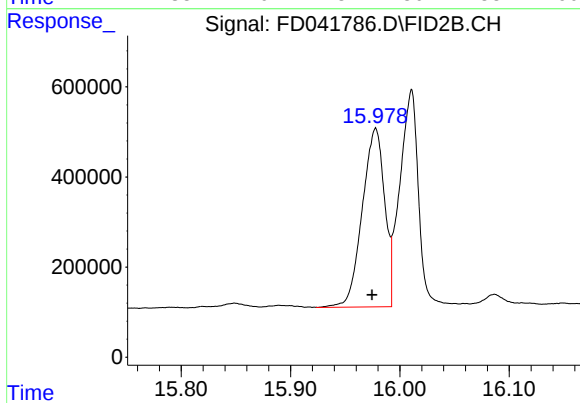
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.004 min
Response: 5793160
Conc: 38.74 ug/ml



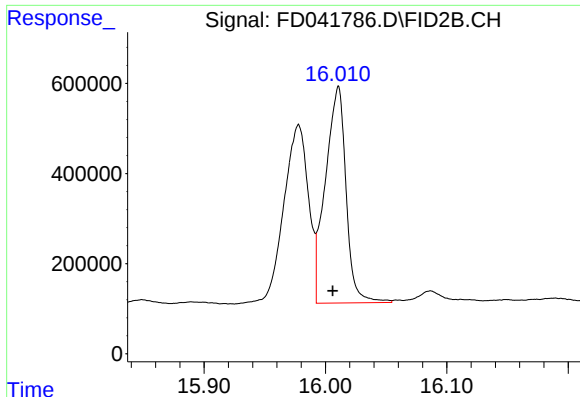
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 5882536
Conc: 32.68 ug/ml



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

R.T.: 15.977 min
Delta R.T.: 0.003 min
Response: 5627633
Conc: 37.95 ug/ml



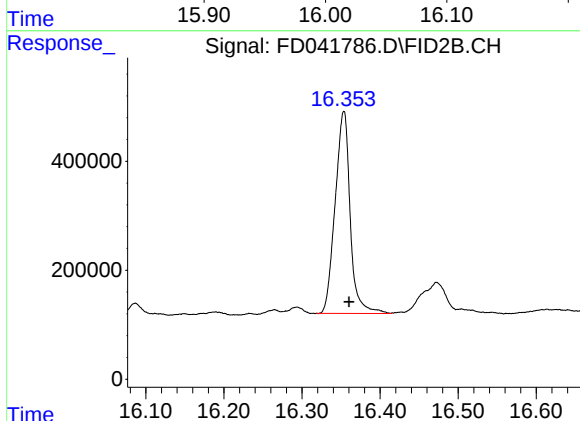
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.010 min
Delta R.T.: 0.004 min
Response: 5711664
Conc: 34.57 ug/ml

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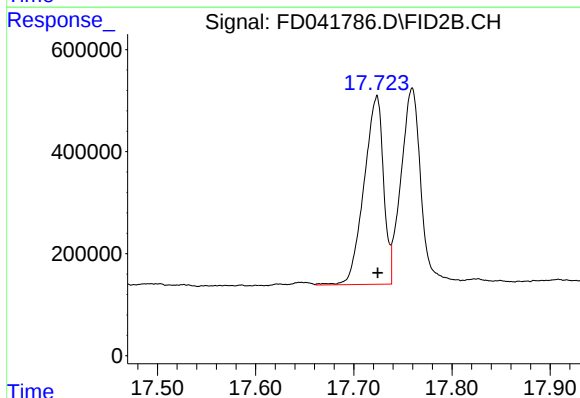
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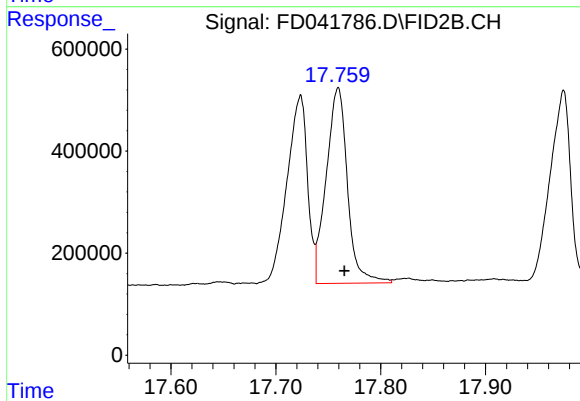
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.353 min
Delta R.T.: -0.007 min
Response: 4971321
Conc: 35.34 ug/ml



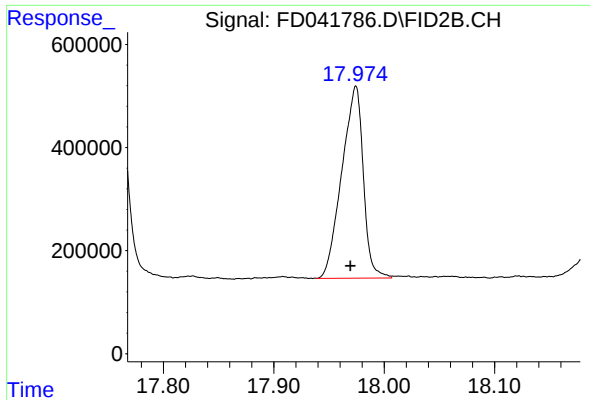
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.723 min
Delta R.T.: -0.002 min
Response: 5083762
Conc: 46.16 ug/ml



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

R.T.: 17.759 min
Delta R.T.: -0.006 min
Response: 5395399
Conc: 37.27 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.004 min
Response: 5039535
Conc: 37.97 ug/ml

Instrument :
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