

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042622AR\
 Data File : FD042121.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 3:27
 Operator : UA/NP
 Sample : N2528-05MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP8-1.5-2.0MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/27/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: autoint1.e
 Quant Time: Apr 27 05:37:43 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...	7.331	6512644	46.463 ug/ml
Spiked Amount 50.000		Recovery =	92.93%
6) S 2-Fluorobiphenyl (SURR)	8.179	3989662	55.993 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.99%
11) S ortho-Terphenyl (SURR)	11.208	6032193	34.802 ug/ml
Spiked Amount 50.000		Recovery =	69.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.153	5879962	37.770 ug/mlm
2) T Naphthalene (C11.7)	5.673	6543281	41.479 ug/ml
3) T 2-Methylnaphthalene (...)	6.718	6546493	45.271 ug/ml
5) T Acenaphthylene (C15.06)	7.981	6778099	41.129 ug/ml
7) T Acenaphthene (C15.5)	8.275	7560152	40.268 ug/ml
8) T Flouorene (C16.55)	9.053	7445020	48.879 ug/ml
9) T Phenanthrene (C19.36)	10.440	7576519	51.025 ug/ml
10) T Anthracene (C19.43)	10.515	7829457	46.768 ug/ml
12) T Fluoranthene (C21.85)	12.242	7679236	48.956 ug/ml
13) T Pyrene (C20.8)	12.535	7495212	45.953 ug/ml
14) T Benzo[a]anthracene (C...	14.407	6766278	56.565 ug/ml
15) T Chrysene (C27.41)	14.448	6735518	36.713 ug/ml
16) T benzo[b]fluoranthene ...	15.954	6590893	50.198 ug/ml
17) T Bnezo[k]fluoranthene ...	15.988	7152598	41.372 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.330	6047046	40.985 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	6178889	61.905 ug/mlm
20) T Dibenz[a,h]anthracene...	17.735	6904436	43.989 ug/ml
21) T Benzo[g,h,i]perylene ...	17.951	6706823	48.428 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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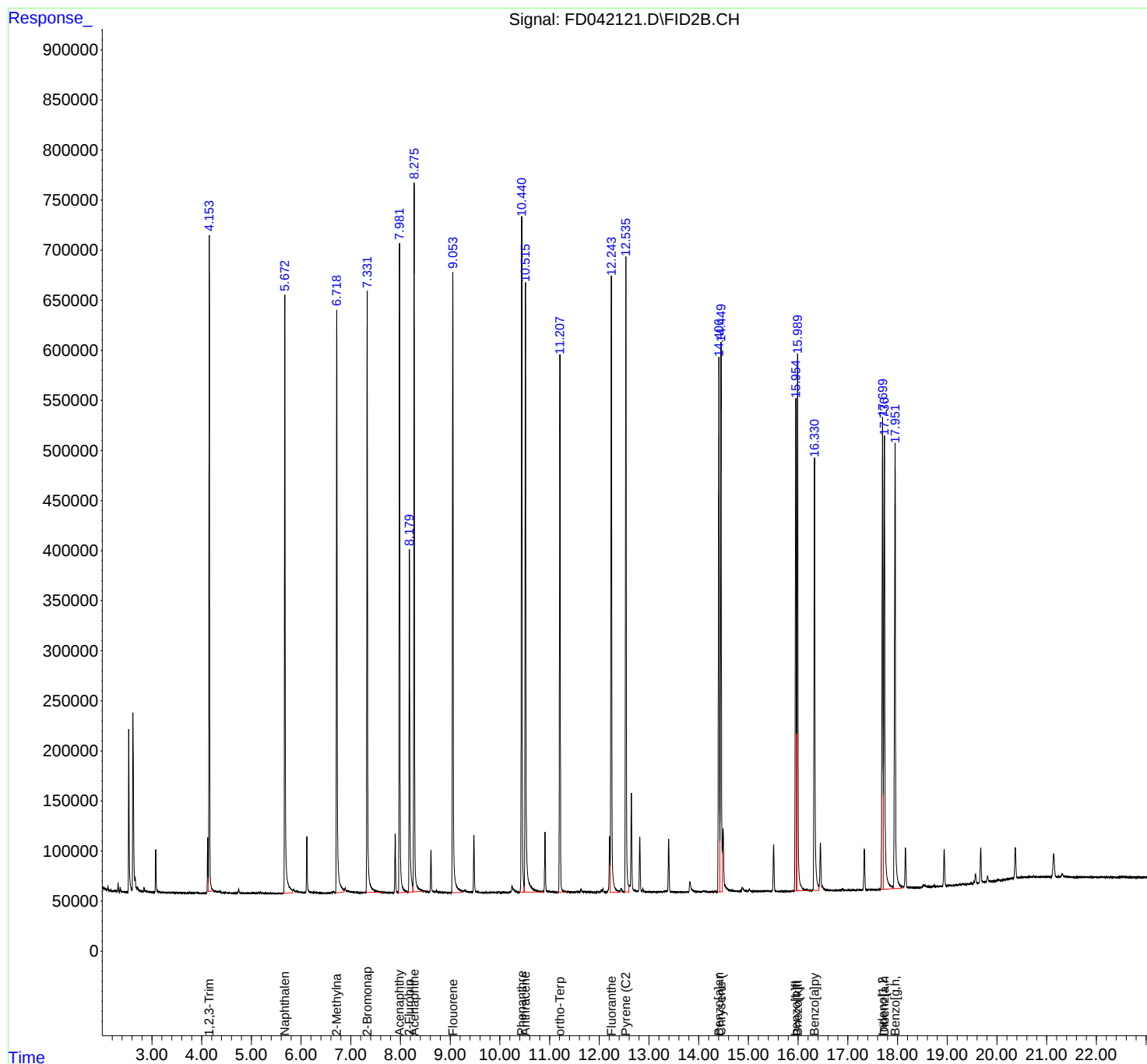
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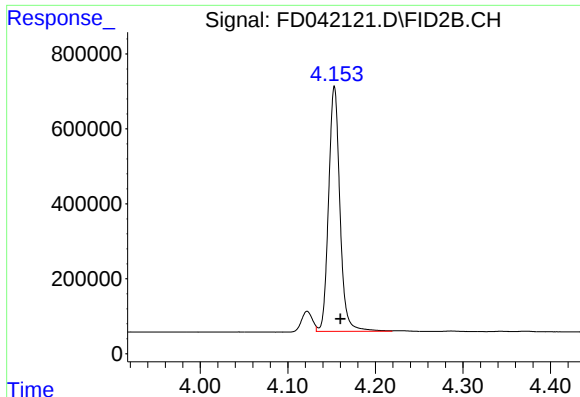
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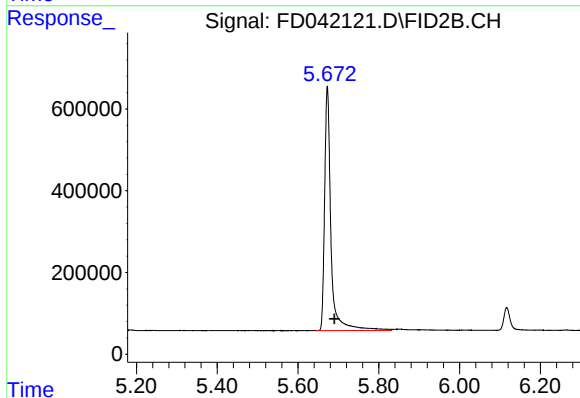
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.153 min
Delta R.T.: -0.007 min
Response: 5879962
Conc: 37.77 ug/ml

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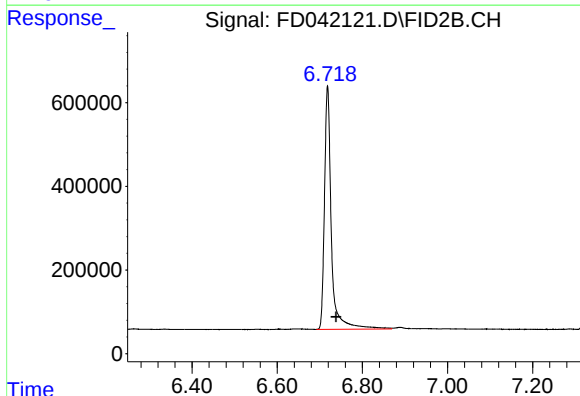
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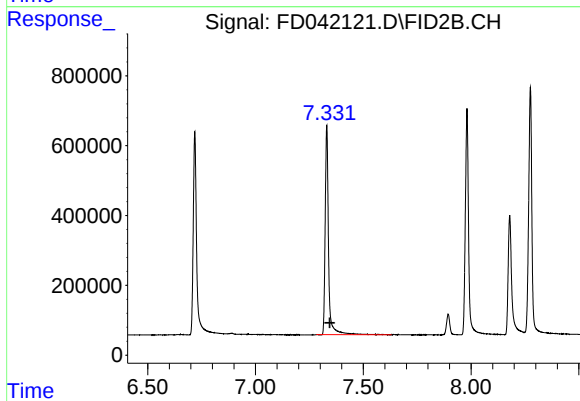
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.018 min
Response: 6543281
Conc: 41.48 ug/ml



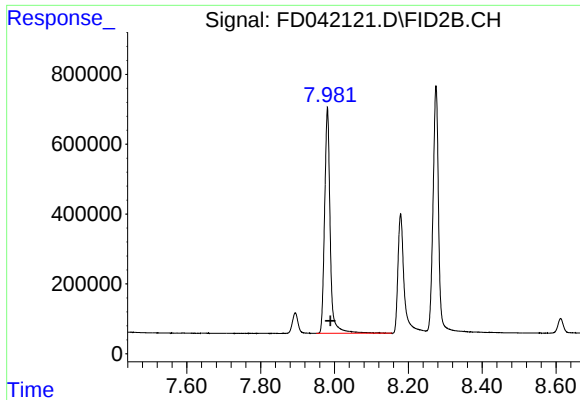
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.019 min
Response: 6546493
Conc: 45.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.331 min
Delta R.T.: -0.014 min
Response: 6512644
Conc: 46.46 ug/ml



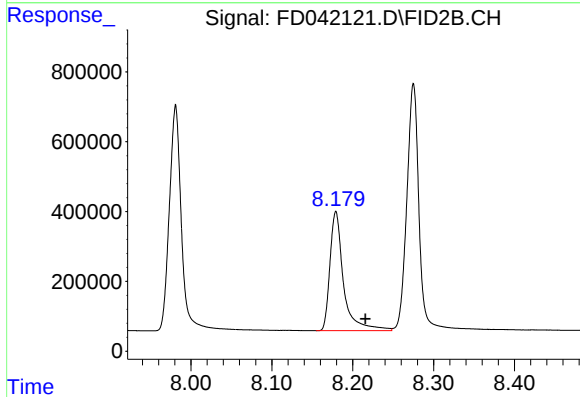
#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: -0.008 min
Response: 6778099
Conc: 41.13 ug/ml

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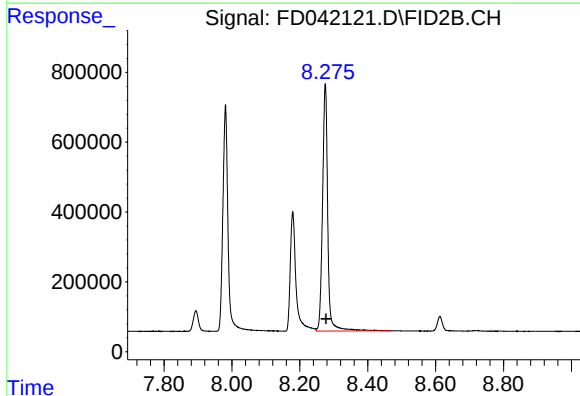
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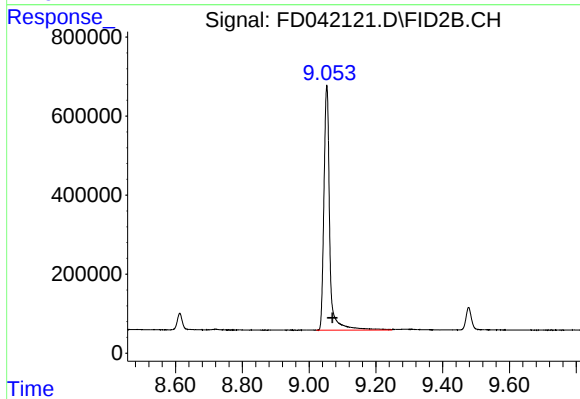
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.179 min
Delta R.T.: -0.037 min
Response: 3989662
Conc: 55.99 ug/ml



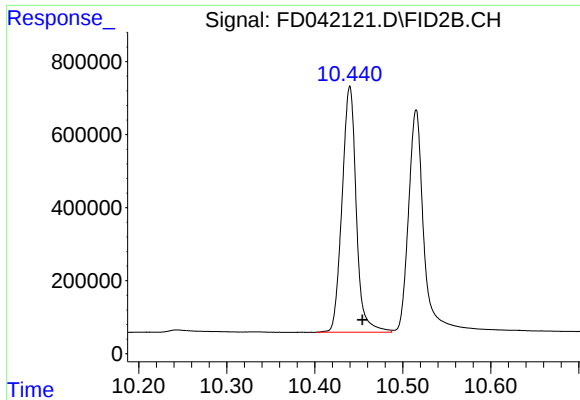
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 7560152
Conc: 40.27 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.053 min
Delta R.T.: -0.017 min
Response: 7445020
Conc: 48.88 ug/ml



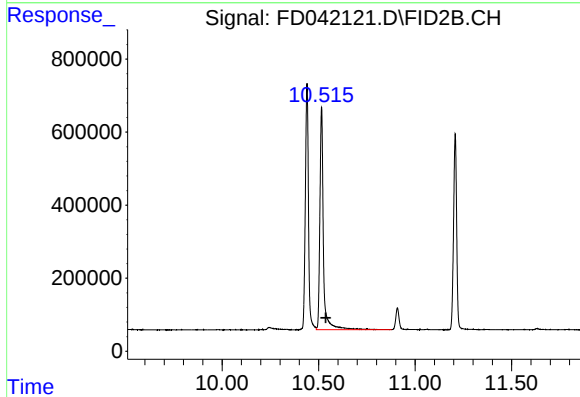
#9 Phenanthrene (C19.36)

R.T.: 10.440 min
Delta R.T.: -0.014 min
Response: 7576519
Conc: 51.02 ug/ml

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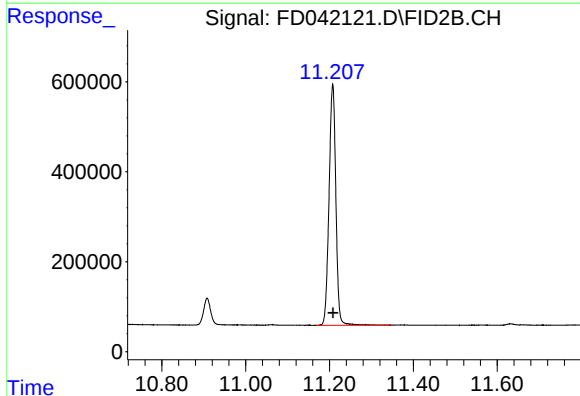
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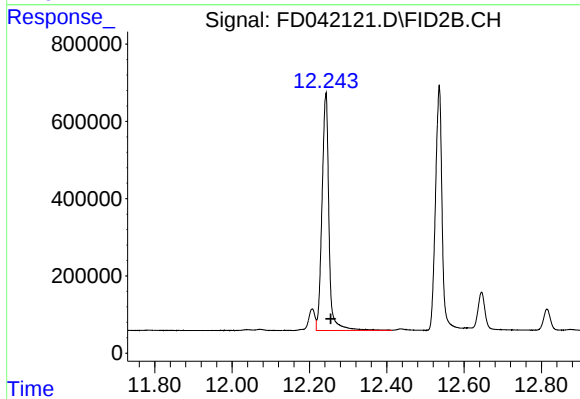
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.022 min
Response: 7829457
Conc: 46.77 ug/ml



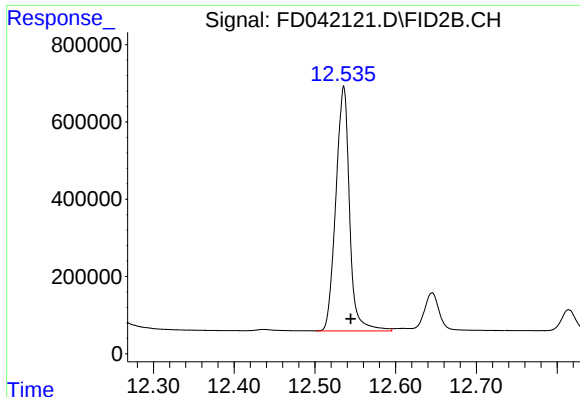
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 6032193
Conc: 34.80 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.242 min
Delta R.T.: -0.013 min
Response: 7679236
Conc: 48.96 ug/ml



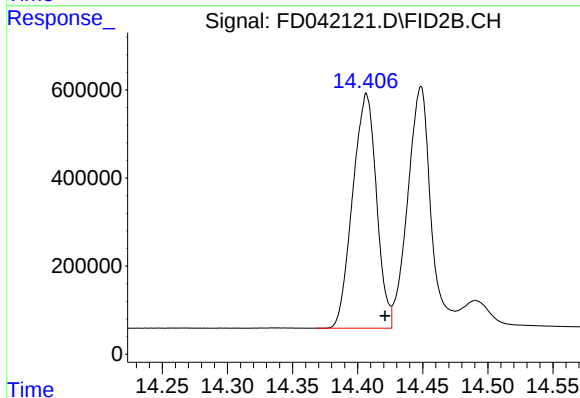
#13 Pyrene (C20.8)

R.T.: 12.535 min
Delta R.T.: -0.009 min
Response: 7495212
Conc: 45.95 ug/ml

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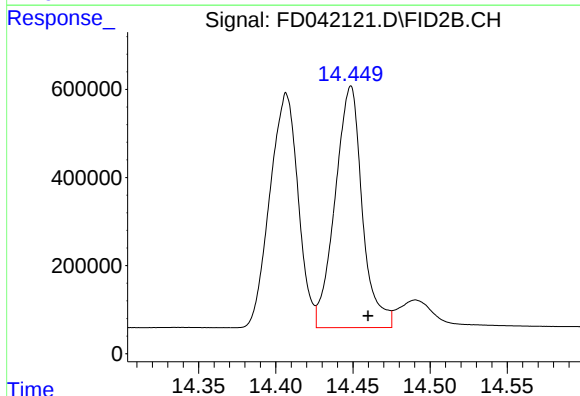
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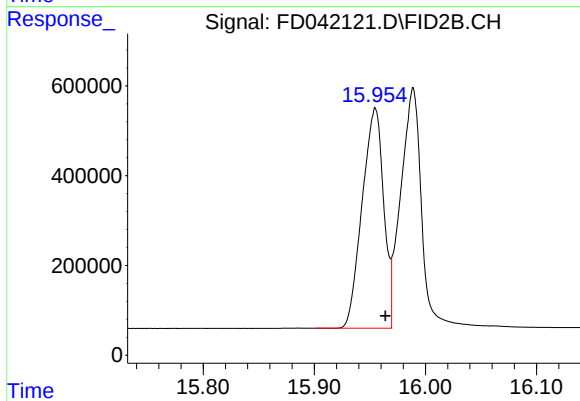
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.407 min
Delta R.T.: -0.015 min
Response: 6766278
Conc: 56.57 ug/ml



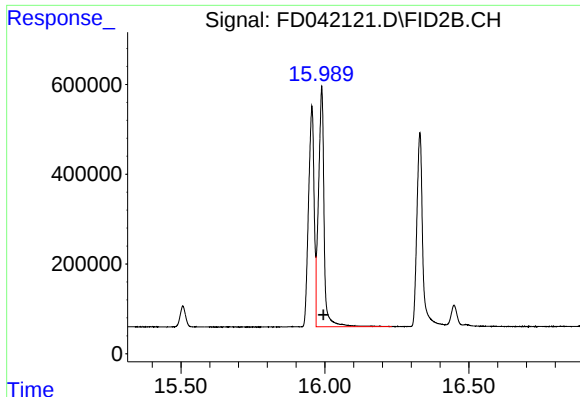
#15 Chrysene (C27.41)

R.T.: 14.448 min
Delta R.T.: -0.012 min
Response: 6735518
Conc: 36.71 ug/ml



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

R.T.: 15.954 min
Delta R.T.: -0.010 min
Response: 6590893
Conc: 50.20 ug/ml



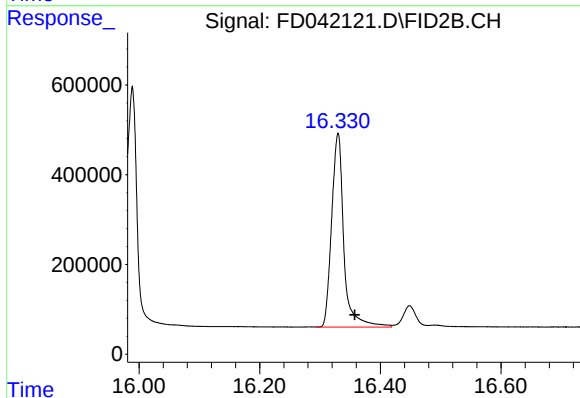
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.988 min
Delta R.T.: -0.007 min
Response: 7152598
Conc: 41.37 ug/ml

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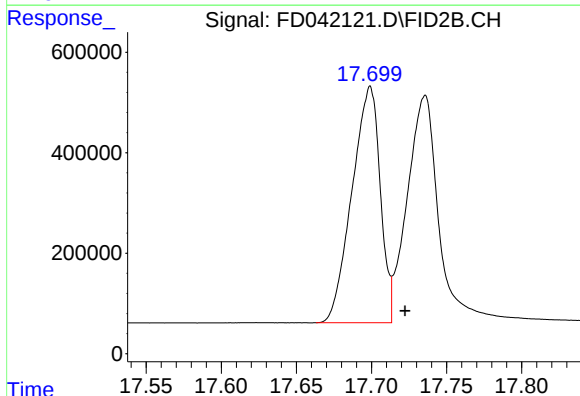
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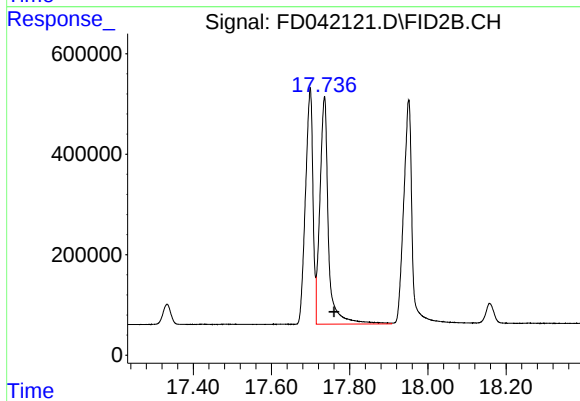
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.330 min
Delta R.T.: -0.028 min
Response: 6047046
Conc: 40.98 ug/ml



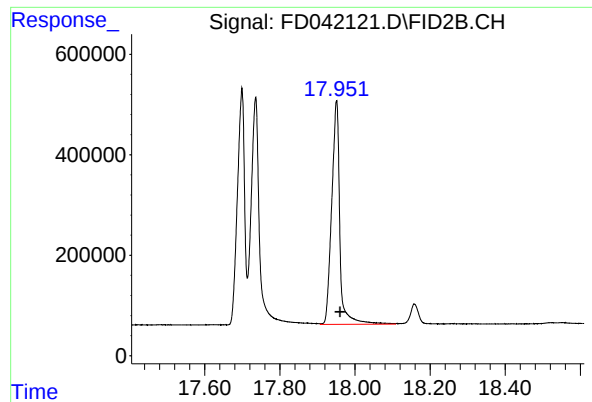
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.699 min
Delta R.T.: -0.024 min
Response: 6178889
Conc: 61.90 ug/ml m



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

R.T.: 17.735 min
Delta R.T.: -0.026 min
Response: 6904436
Conc: 43.99 ug/ml



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

R.T.: 17.951 min
Delta R.T.: -0.010 min
Response: 6706823
Conc: 48.43 ug/ml

Instrument :

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