

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020922AR\
 Data File : FD040935.D
 Signal(s) : FID2B.CH
 Acq On : 09 Feb 2022 22:15
 Operator : YP\AJ
 Sample : N1426-04MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 POST-EX-04-0207MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2022
 Supervised By :Ankita Jodhani 02/10/2022

Integration File: autoint1.e
 Quant Time: Feb 10 00:49:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:55:26 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...	7.355	1206232	57.062 ug/mlm
Spiked Amount 50.000		Recovery =	114.12%
6) S 2-Fluorobiphenyl (SURR)	8.203	779615	60.845 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	121.69%
11) S ortho-Terphenyl (SURR)	11.233	960469	33.099 ug/mlm
Spiked Amount 50.000		Recovery =	66.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	873317	34.414 ug/mlm
2) T Naphthalene (C11.7)	5.698	963194	41.476 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	994499	42.063 ug/mlm
5) T Acenaphthylene (C15.06)	8.005	1136190	42.340 ug/ml
7) T Acenaphthene (C15.5)	8.298	1260052	41.828 ug/ml
8) T Fluorene (C16.55)	9.074	1191109	47.870 ug/mlm
9) T Phenanthrene (C19.36)	10.461	1310557	53.187 ug/ml
10) T Anthracene (C19.43)	10.535	1323740	50.741 ug/ml
12) T Fluoranthene (C21.85)	12.260	1511408	56.737 ug/ml
13) T Pyrene (C20.8)	12.552	1351284	49.949 ug/ml
14) T Benzo[a]anthracene (C...	14.419	1245018	55.885 ug/ml
15) T Chrysene (C27.41)	14.459	1339152	42.548 ug/ml
16) T benzo[b]fluoranthene ...	15.961	1306802	52.526 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.992	1351728	44.292 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.337	1261237	49.475 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.695	1156808	49.013 ug/ml
20) T Dibenz[a,h]anthracene...	17.739	1363454	46.016 ug/ml
21) T Benzo[g,h,i]perylene ...	17.944	1325545	49.917 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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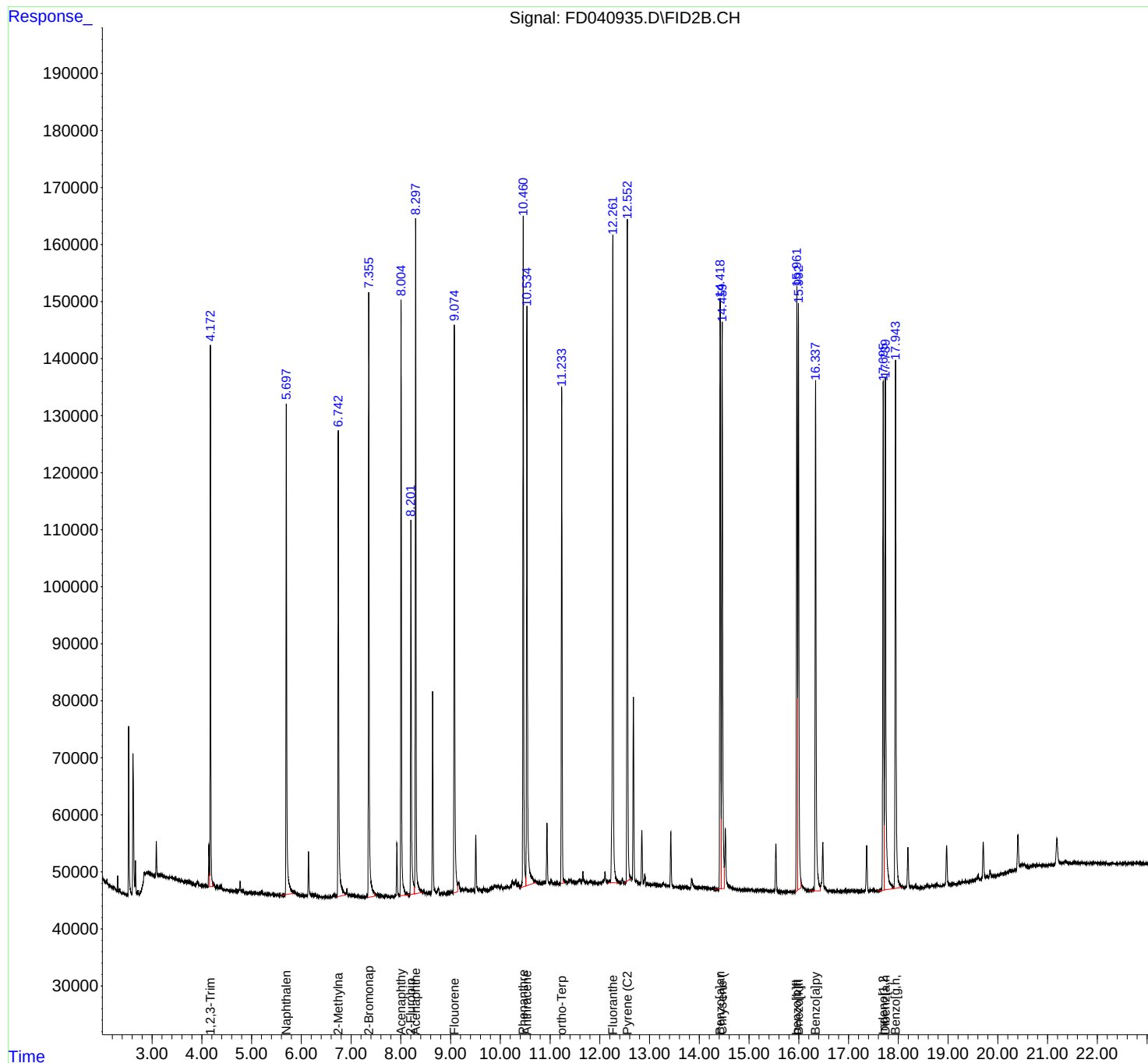
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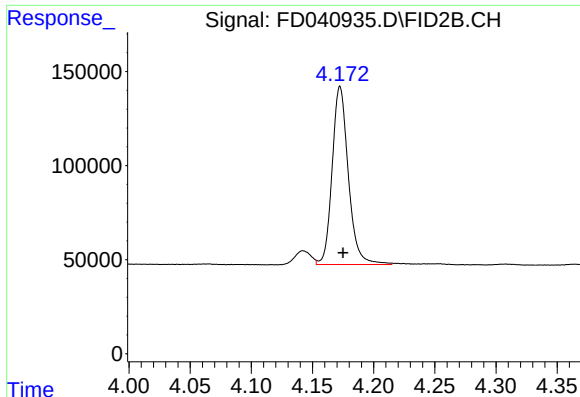
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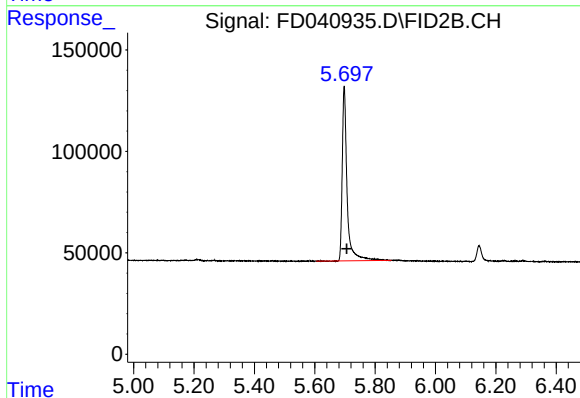
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 873317
Conc: 34.41 ug/ml

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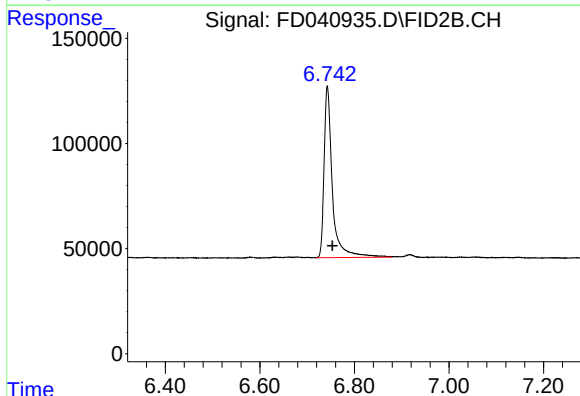
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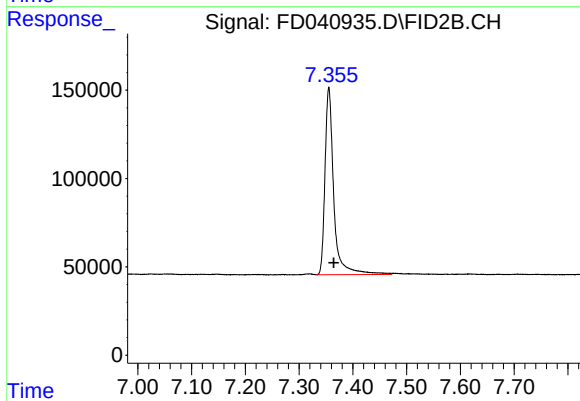
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: -0.007 min
Response: 963194
Conc: 41.48 ug/ml



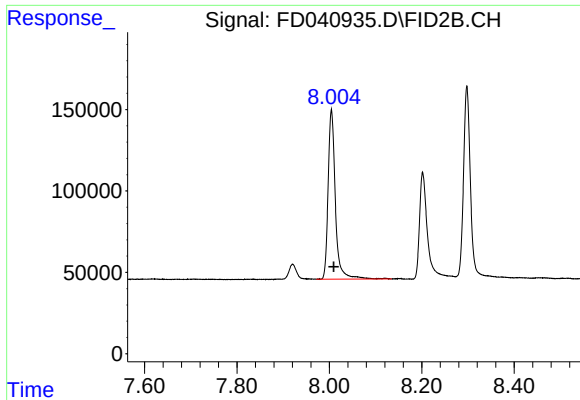
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.011 min
Response: 994499
Conc: 42.06 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.355 min
Delta R.T.: -0.009 min
Response: 1206232
Conc: 57.06 ug/ml m



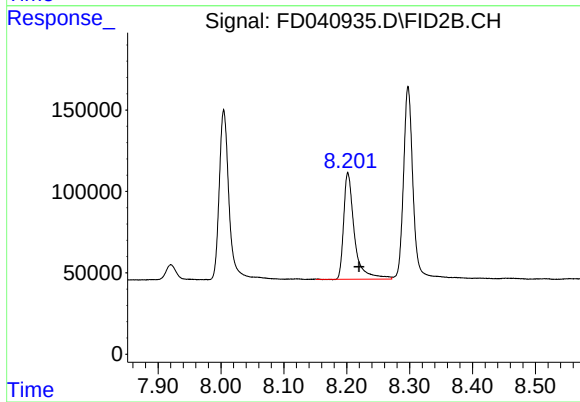
#5 Acenaphthylene (C15.06)

R.T.: 8.005 min
Delta R.T.: -0.005 min
Response: 1136190
Conc: 42.34 ug/ml

Instrument :
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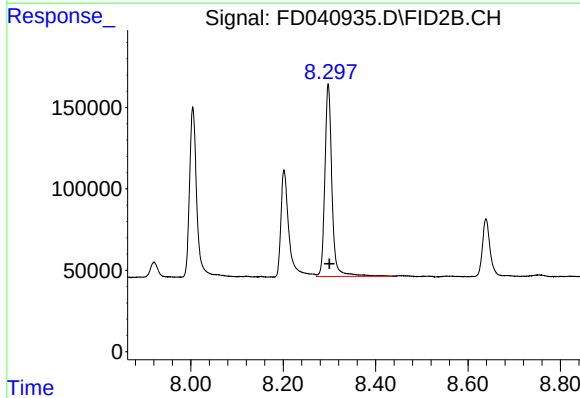
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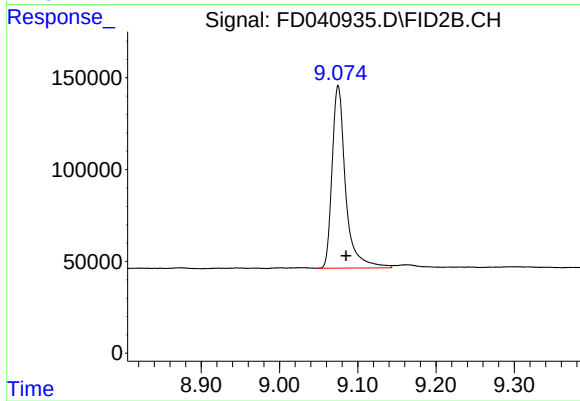
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.017 min
Response: 779615
Conc: 60.85 ug/ml



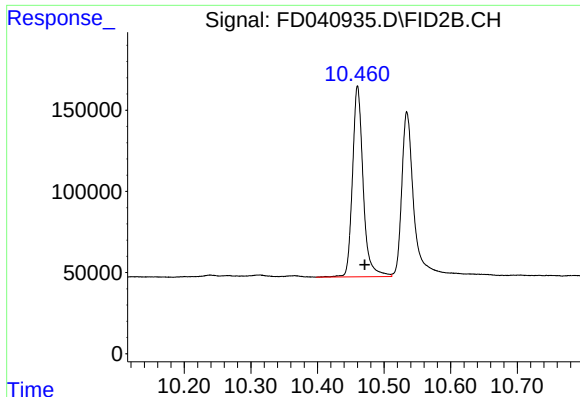
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.002 min
Response: 1260052
Conc: 41.83 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.074 min
Delta R.T.: -0.011 min
Response: 1191109
Conc: 47.87 ug/ml m



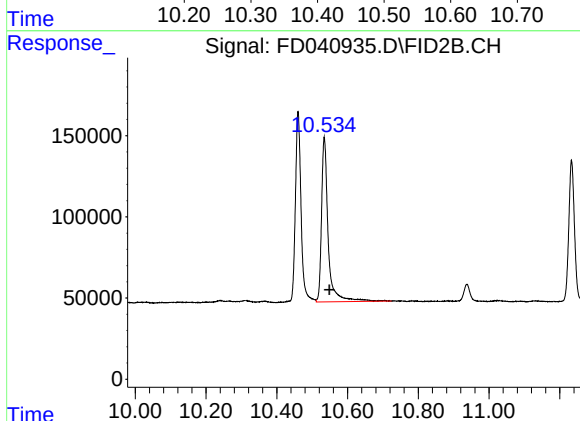
#9 Phenanthrene (C19.36)

R.T.: 10.461 min
Delta R.T.: -0.010 min
Response: 1310557
Conc: 53.19 ug/ml

Instrument :
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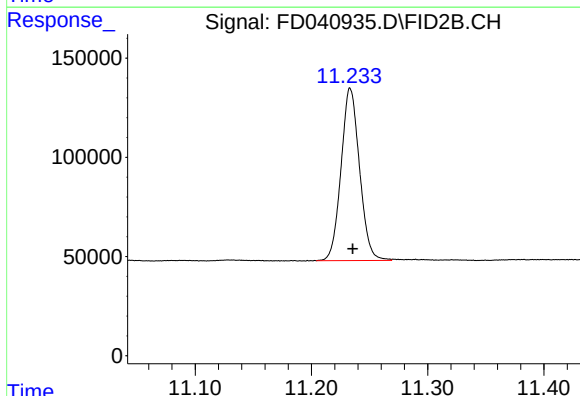
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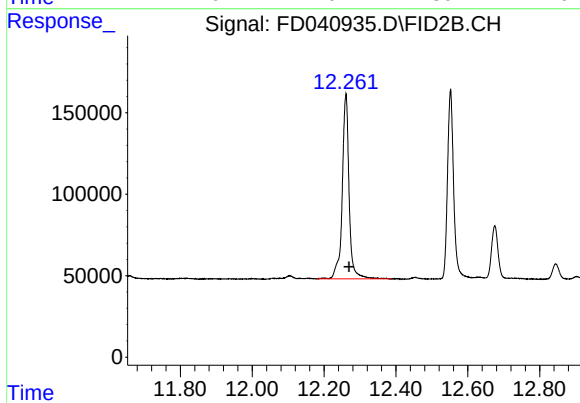
#10 Anthracene (C19.43)

R.T.: 10.535 min
Delta R.T.: -0.014 min
Response: 1323740
Conc: 50.74 ug/ml



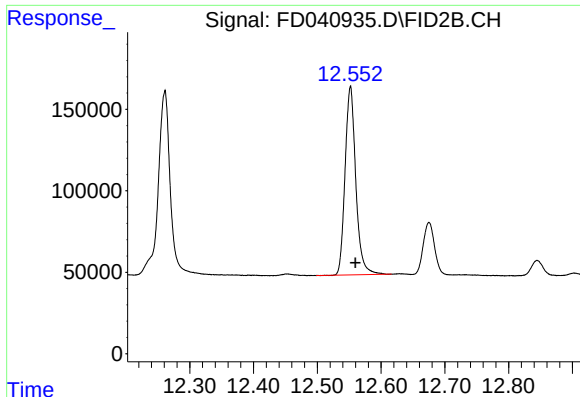
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.003 min
Response: 960469
Conc: 33.10 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.260 min
Delta R.T.: -0.009 min
Response: 1511408
Conc: 56.74 ug/ml



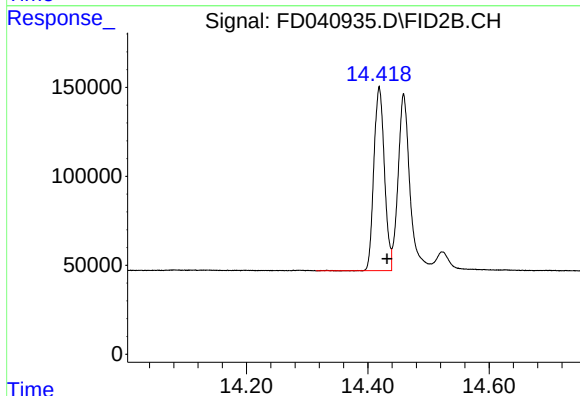
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: -0.008 min
Response: 1351284
Conc: 49.95 ug/ml

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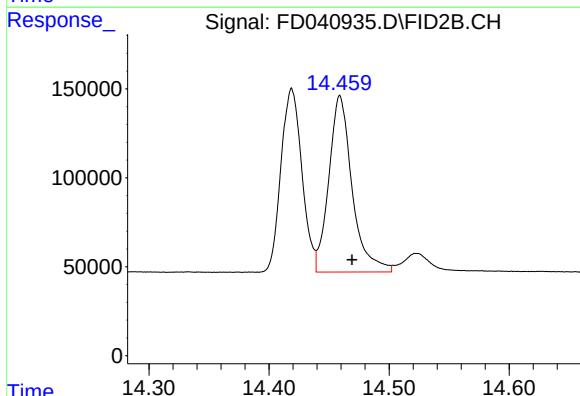
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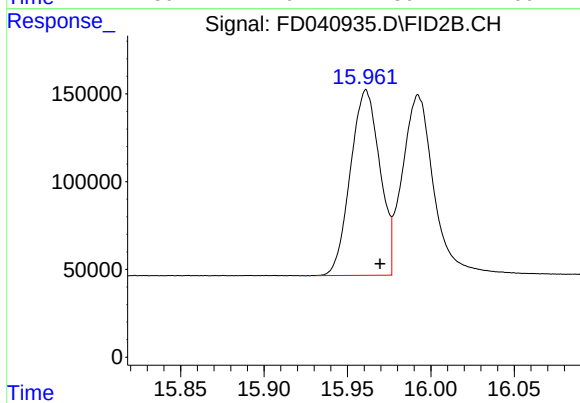
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.419 min
Delta R.T.: -0.013 min
Response: 1245018
Conc: 55.89 ug/ml



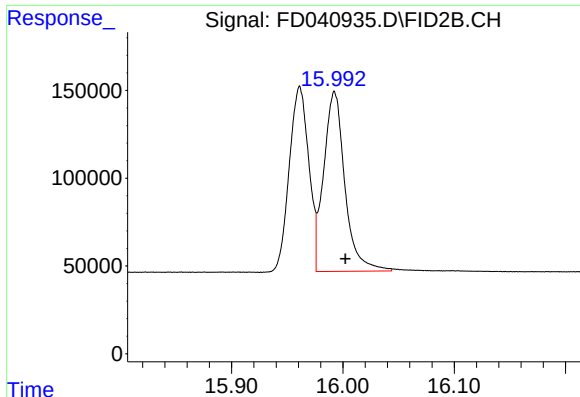
#15 Chrysene (C27.41)

R.T.: 14.459 min
Delta R.T.: -0.010 min
Response: 1339152
Conc: 42.55 ug/ml



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

R.T.: 15.961 min
Delta R.T.: -0.009 min
Response: 1306802
Conc: 52.53 ug/ml m



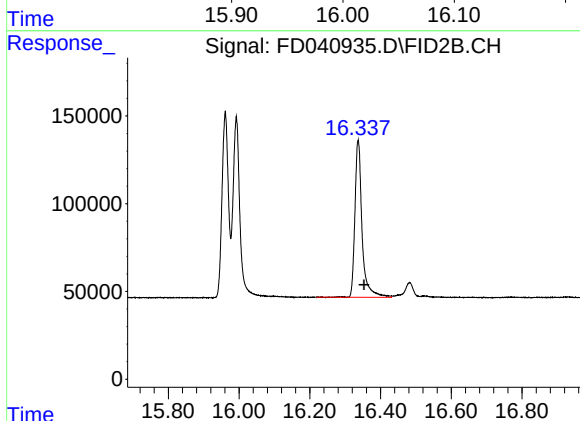
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.992 min
Delta R.T.: -0.010 min
Response: 1351728
Conc: 44.29 ug/ml

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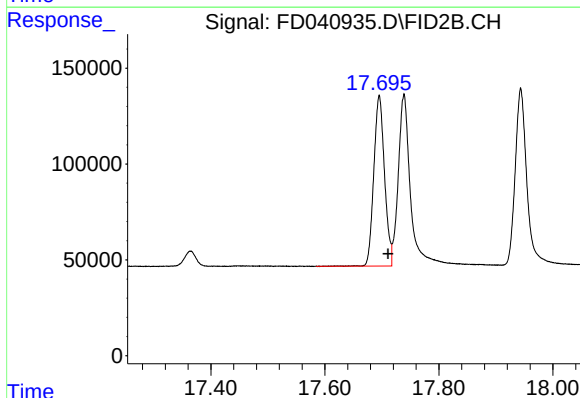
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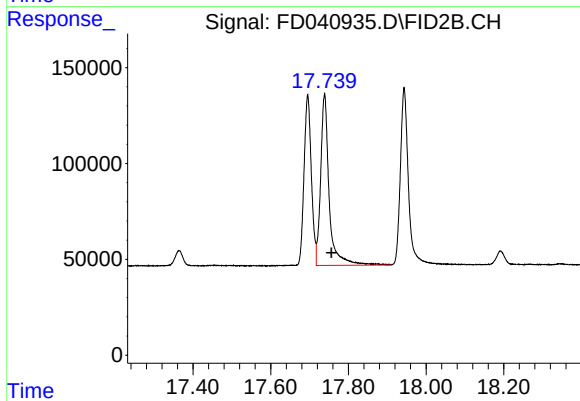
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.337 min
Delta R.T.: -0.016 min
Response: 1261237
Conc: 49.48 ug/ml



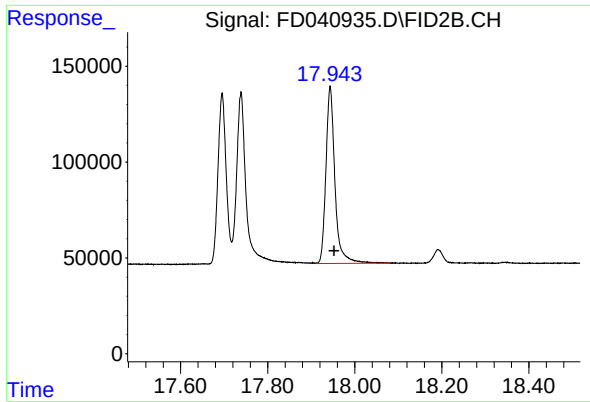
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.695 min
Delta R.T.: -0.016 min
Response: 1156808
Conc: 49.01 ug/ml



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

R.T.: 17.739 min
Delta R.T.: -0.018 min
Response: 1363454
Conc: 46.02 ug/ml



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

R.T.: 17.944 min
Delta R.T.: -0.009 min
Response: 1325545
Conc: 49.92 ug/ml

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