

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020922AR\
 Data File : FD040927.D
 Signal(s) : FID2B.CH
 Acq On : 09 Feb 2022 17:10
 Operator : YP\AJ
 Sample : PB142563BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB142563BS

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 00:47:23 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

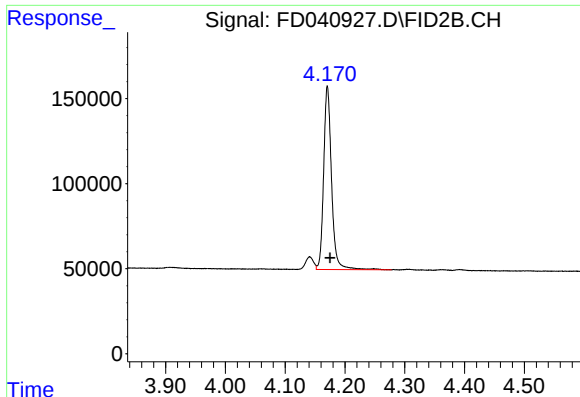
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.354	1115319	52.761 ug/ml
Spiked Amount 50.000		Recovery =	105.52%
6) S 2-Fluorobiphenyl (SURR)	8.202	710993	55.490 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.98%
11) S ortho-Terphenyl (SURR)	11.234	1324191	45.634 ug/ml
Spiked Amount 50.000		Recovery =	91.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	993620	39.155 ug/ml
2) T Naphthalene (C11.7)	5.696	1087528	46.830 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	1049990	44.410 ug/ml
5) T Acenaphthylene (C15.06)	8.003	1175460	43.803 ug/ml
7) T Acenaphthene (C15.5)	8.296	1297195	43.061 ug/ml
8) T Flouorene (C16.55)	9.074	1235251	49.644 ug/ml
9) T Phenanthrene (C19.36)	10.459	1315986	53.407 ug/ml
10) T Anthracene (C19.43)	10.534	1339560	51.348 ug/ml
12) T Fluoranthene (C21.85)	12.259	1512388	56.773 ug/ml
13) T Pyrene (C20.8)	12.552	1352164	49.981 ug/ml
14) T Benzo[a]anthracene (C...	14.419	1269035	56.963 ug/ml
15) T Chrysene (C27.41)	14.459	1387387	44.080 ug/ml
16) T benzo[b]fluoranthene ...	15.960	1397484	56.171 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.991	1412506	46.284 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.336	1296068	50.842 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.696	1196188	50.682 ug/ml
20) T Dibenz[a,h]anthracene...	17.739	1429407	48.242 ug/ml
21) T Benzo[g,h,i]perylene ...	17.945	1364746	51.393 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.171 min
Delta R.T.: -0.004 min
Response: 993620
Conc: 39.15 ug/ml

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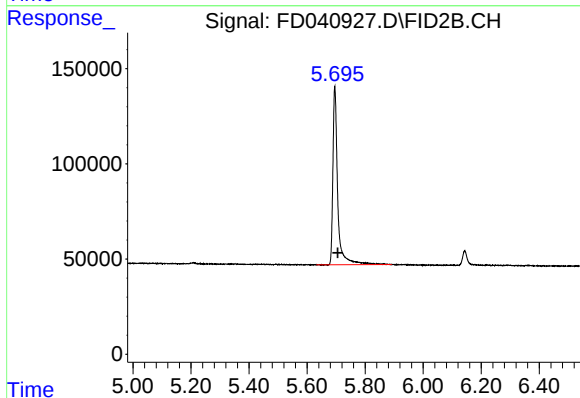
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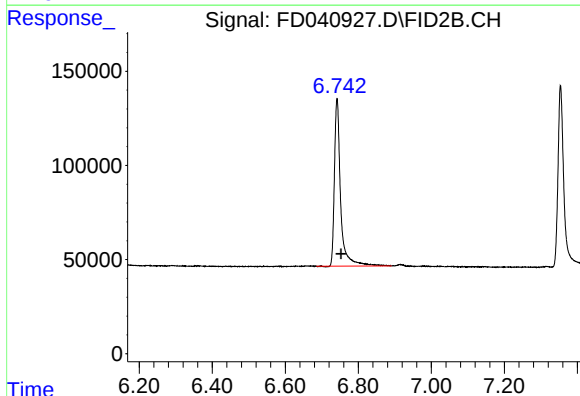
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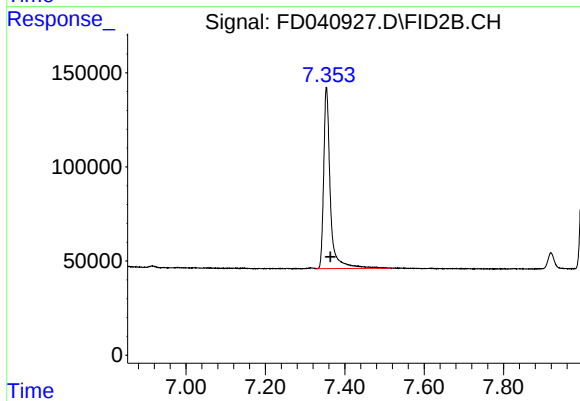
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.010 min
Response: 1087528
Conc: 46.83 ug/ml



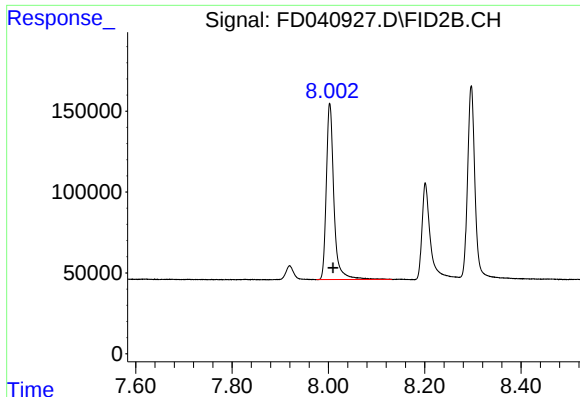
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.011 min
Response: 1049990
Conc: 44.41 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.354 min
Delta R.T.: -0.010 min
Response: 1115319
Conc: 52.76 ug/ml



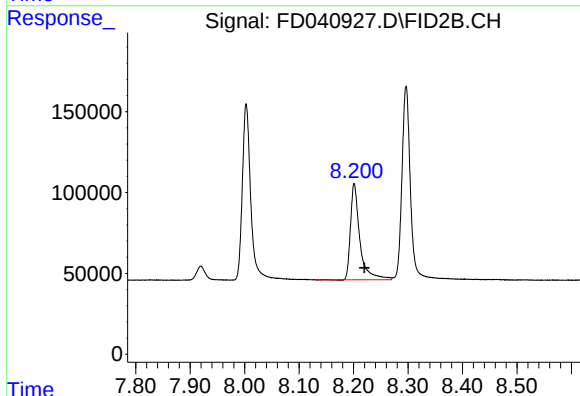
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.006 min
Response: 1175460
Conc: 43.80 ug/ml

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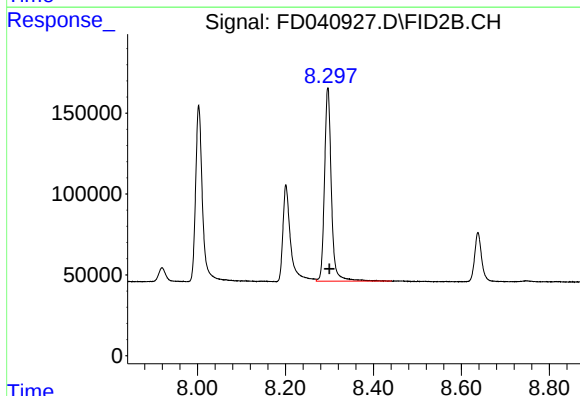
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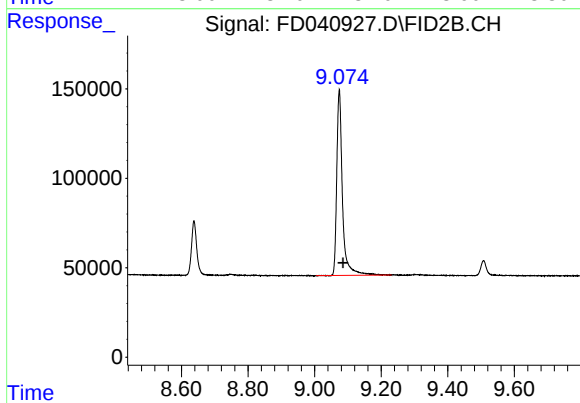
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.018 min
Response: 710993
Conc: 55.49 ug/ml



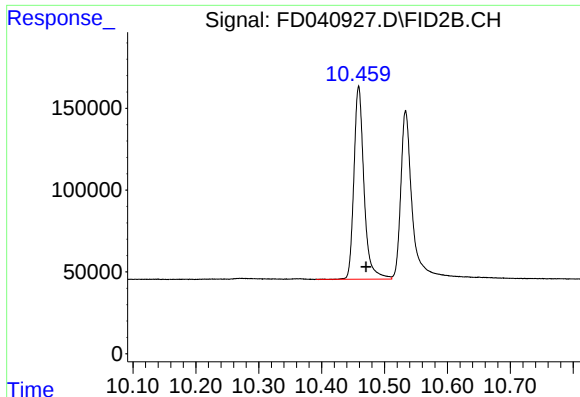
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.004 min
Response: 1297195
Conc: 43.06 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.074 min
Delta R.T.: -0.011 min
Response: 1235251
Conc: 49.64 ug/ml



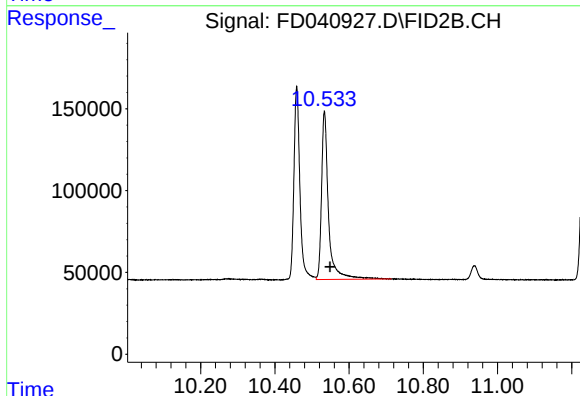
#9 Phenanthrene (C19.36)

R.T.: 10.459 min
Delta R.T.: -0.012 min
Response: 1315986
Conc: 53.41 ug/ml

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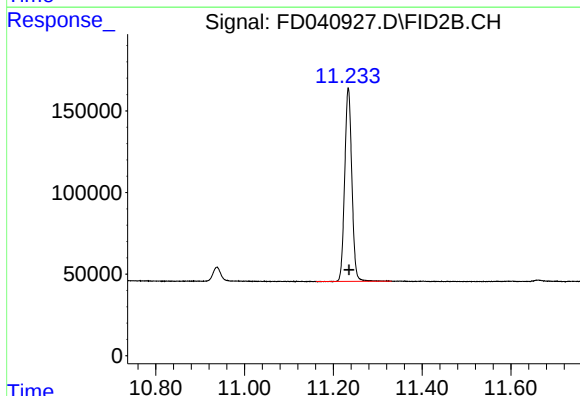
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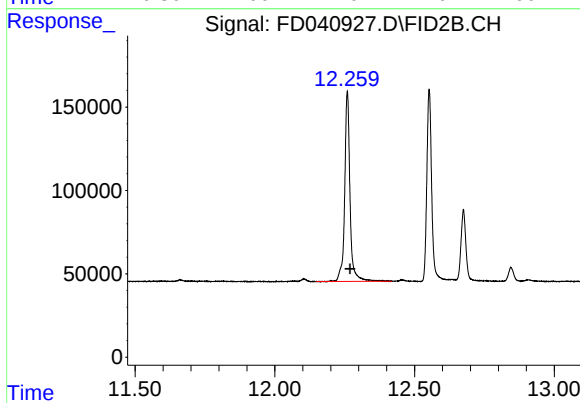
#10 Anthracene (C19.43)

R.T.: 10.534 min
Delta R.T.: -0.015 min
Response: 1339560
Conc: 51.35 ug/ml



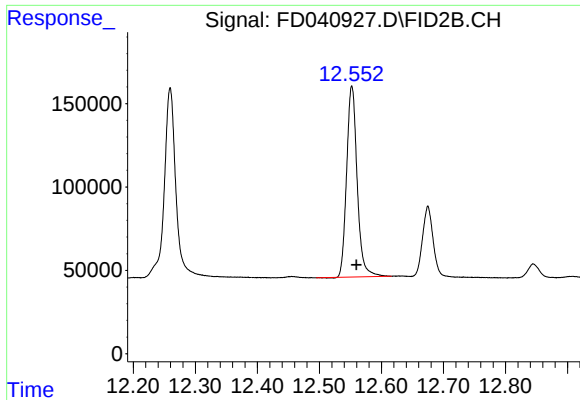
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.002 min
Response: 1324191
Conc: 45.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.259 min
Delta R.T.: -0.010 min
Response: 1512388
Conc: 56.77 ug/ml



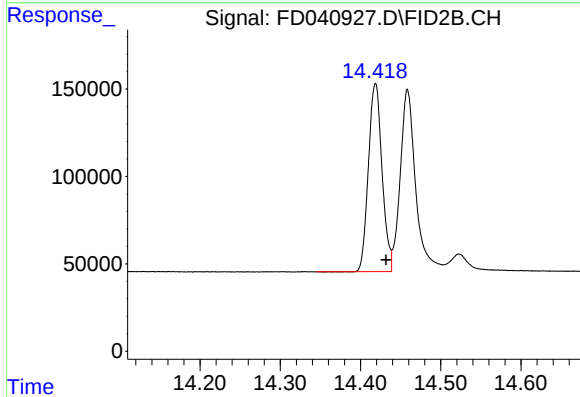
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: -0.007 min
Response: 1352164
Conc: 49.98 ug/ml

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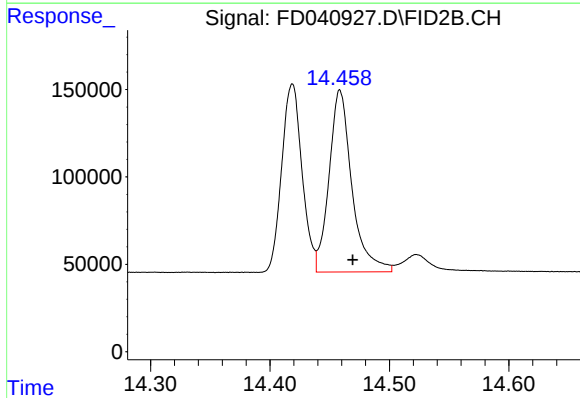
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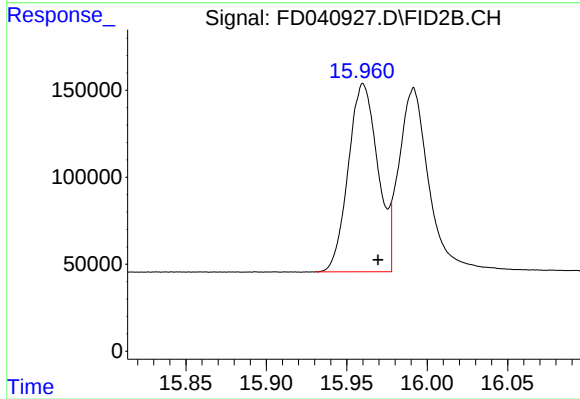
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.419 min
Delta R.T.: -0.013 min
Response: 1269035
Conc: 56.96 ug/ml



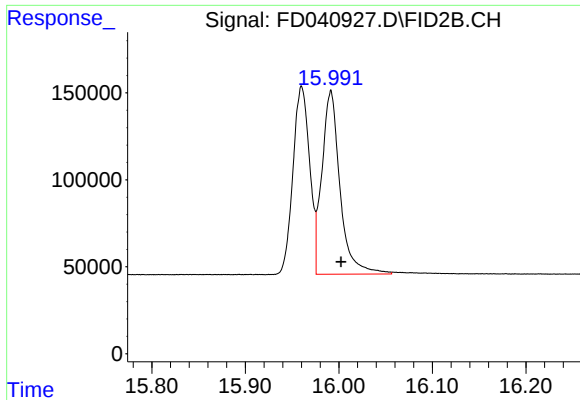
#15 Chrysene (C27.41)

R.T.: 14.459 min
Delta R.T.: -0.010 min
Response: 1387387
Conc: 44.08 ug/ml



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

R.T.: 15.960 min
Delta R.T.: -0.010 min
Response: 1397484
Conc: 56.17 ug/ml m



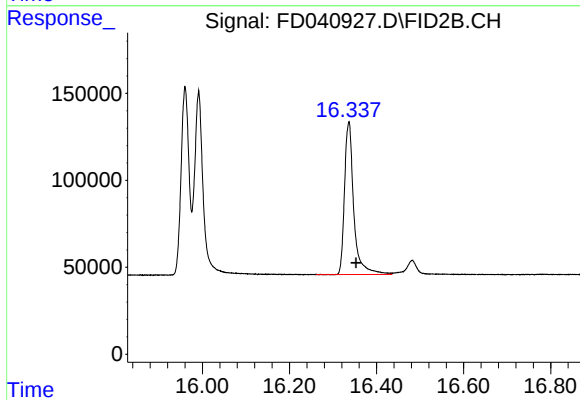
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.991 min
Delta R.T.: -0.011 min
Response: 1412506
Conc: 46.28 ug/ml

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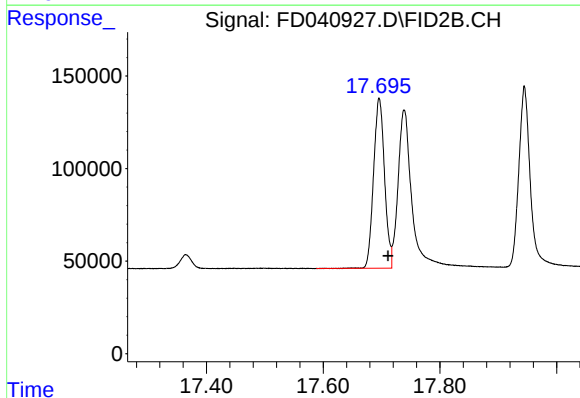
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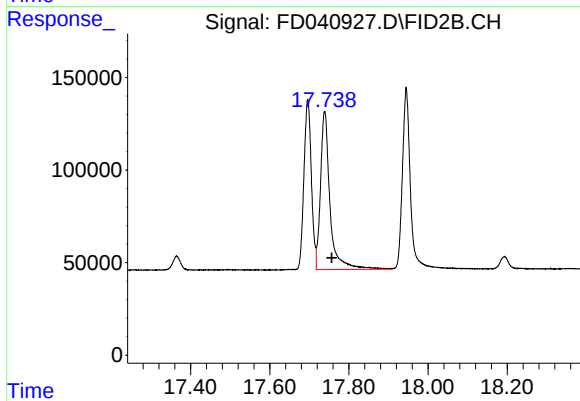
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.336 min
Delta R.T.: -0.017 min
Response: 1296068
Conc: 50.84 ug/ml



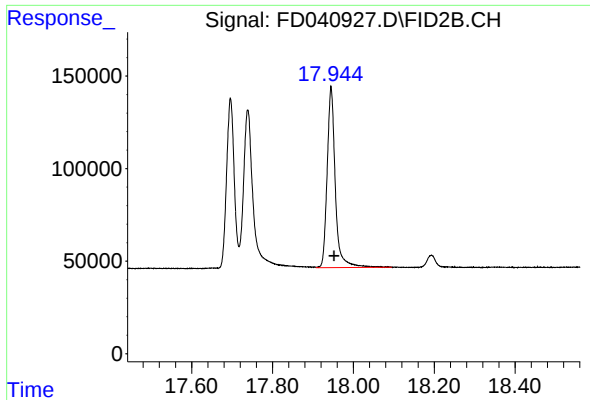
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.696 min
Delta R.T.: -0.015 min
Response: 1196188
Conc: 50.68 ug/ml



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

R.T.: 17.739 min
Delta R.T.: -0.017 min
Response: 1429407
Conc: 48.24 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.008 min
Response: 1364746
Conc: 51.39 ug/ml

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