

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039907.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 8:20
 Operator : AJ\MA
 Sample : M5011-20MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 HSB-9-(12.5-13)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/16/2021
 Supervised By :Ankita Jodhani 12/16/2021

Integration File: autoint1.e
 Quant Time: Dec 15 10:42:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

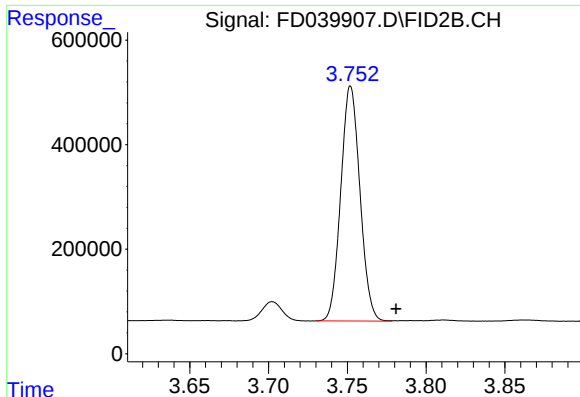
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.919	7229410	50.849 ug/mlm
Spiked Amount 50.000		Recovery =	101.70%
6) S 2-Fluorobiphenyl (SURR)	7.775	5019214	51.089 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.18%
11) S ortho-Terphenyl (SURR)	10.817	6841706	44.942 ug/ml
Spiked Amount 50.000		Recovery =	89.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.752	3811028	25.165 ug/mlm
2) T Naphthalene (C11.7)	5.261	4527476	28.171 ug/ml
3) T 2-Methylnaphthalene (...)	6.307	5248254	32.300 ug/ml
5) T Acenaphthylene (C15.06)	7.579	6212203	41.526 ug/ml
7) T Acenaphthene (C15.5)	7.875	6924724	43.583 ug/ml
8) T Flouorene (C16.55)	8.654	7673938	48.772 ug/ml
9) T Phenanthrene (C19.36)	10.048	8514734	54.877 ug/ml
10) T Anthracene (C19.43)	10.123	8319239	55.736 ug/ml
12) T Fluoranthene (C21.85)	11.857	8741231	57.149 ug/ml
13) T Pyrene (C20.8)	12.153	8613632	57.786 ug/mlm
14) T Benzo[a]anthracene (C...	14.022	8353292	61.910 ug/mlm
15) T Chrysene (C27.41)	14.068	8247278	58.650 ug/mlm
16) T benzo[b]fluoranthene ...	15.570	8082415	60.246 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.608	7938192	58.670 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.947	7124867	54.951 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.312	7146778	58.352 ug/mlm
20) T Dibenz[a,h]anthracene...	17.354	7291306	59.466 ug/ml
21) T Benzo[g,h,i]perylene ...	17.570	7232070	57.892 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



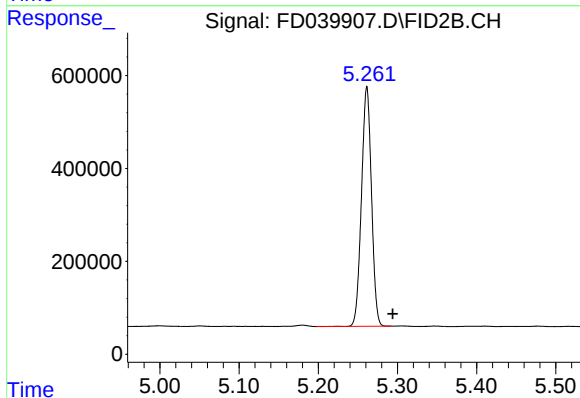
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.752 min
Delta R.T.: -0.029 min
Response: 3811028
Conc: 25.17 ug/ml

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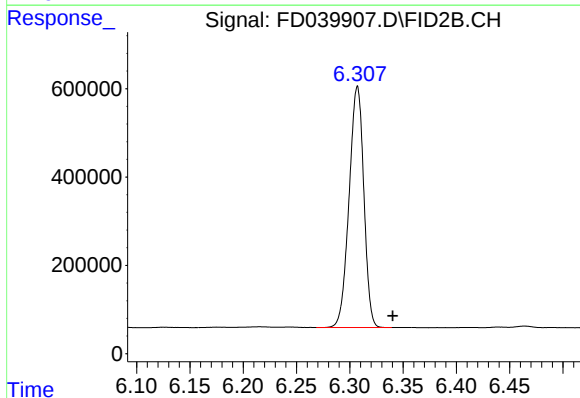
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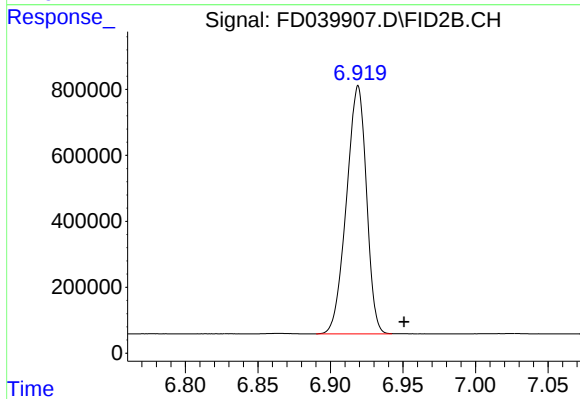
#2 Naphthalene (C11.7)

R.T.: 5.261 min
Delta R.T.: -0.033 min
Response: 4527476
Conc: 28.17 ug/ml



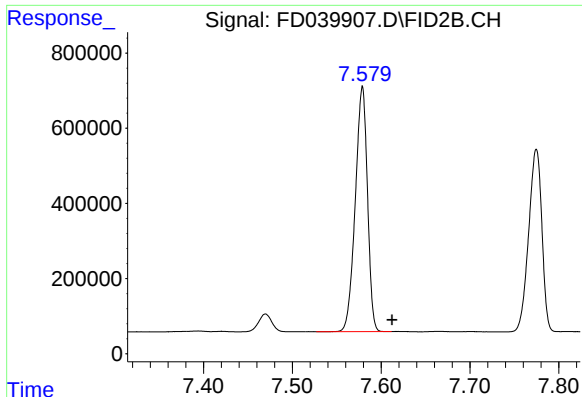
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.307 min
Delta R.T.: -0.033 min
Response: 5248254
Conc: 32.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.919 min
Delta R.T.: -0.032 min
Response: 7229410
Conc: 50.85 ug/ml m



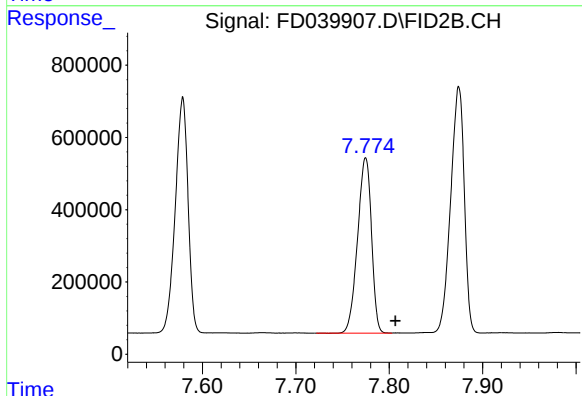
#5 Acenaphthylene (C15.06)

R.T.: 7.579 min
Delta R.T.: -0.033 min
Response: 6212203
Conc: 41.53 ug/ml

Instrument :
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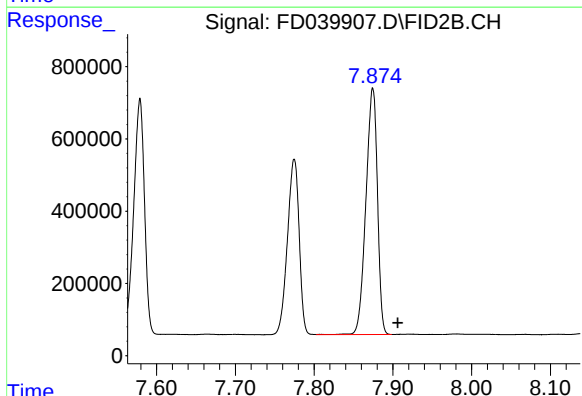
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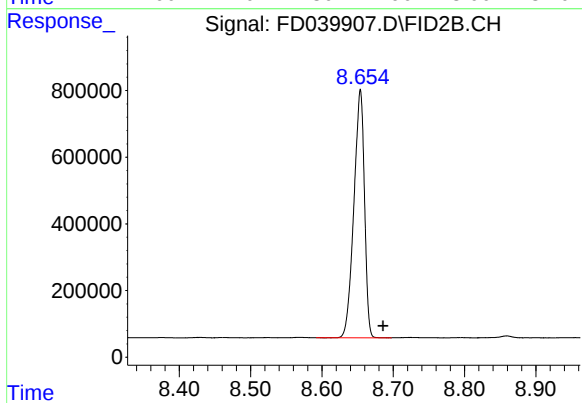
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.775 min
Delta R.T.: -0.032 min
Response: 5019214
Conc: 51.09 ug/ml



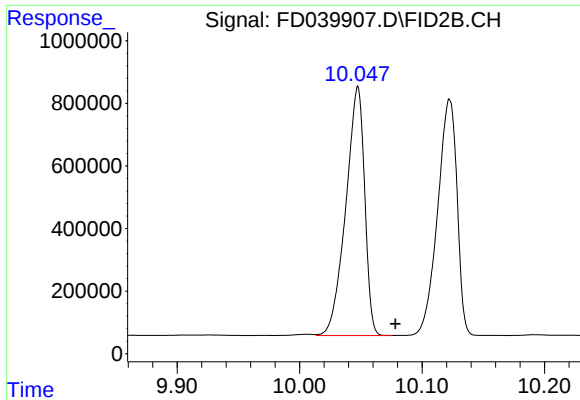
#7 Acenaphthene (C15.5)

R.T.: 7.875 min
Delta R.T.: -0.032 min
Response: 6924724
Conc: 43.58 ug/ml



#8 Fluorene (C16.55)

R.T.: 8.654 min
Delta R.T.: -0.032 min
Response: 7673938
Conc: 48.77 ug/ml



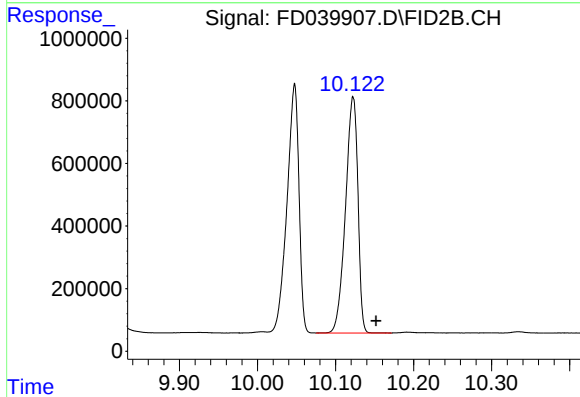
#9 Phenanthrene (C19.36)

R.T.: 10.048 min
Delta R.T.: -0.031 min
Response: 8514734
Conc: 54.88 ug/ml

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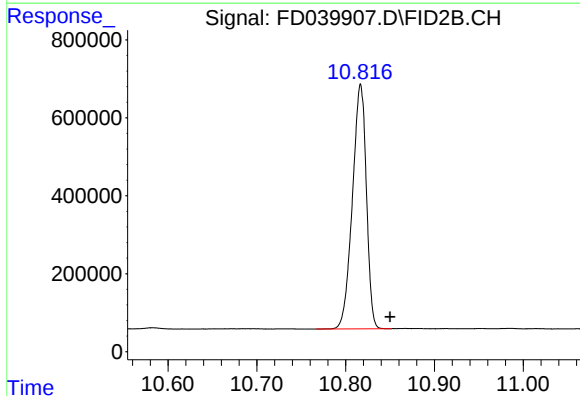
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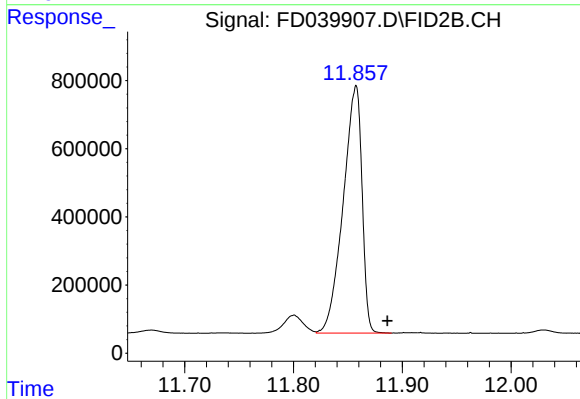
#10 Anthracene (C19.43)

R.T.: 10.123 min
Delta R.T.: -0.030 min
Response: 8319239
Conc: 55.74 ug/ml



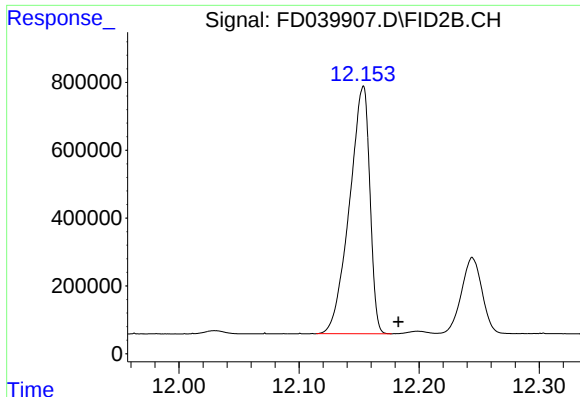
#11 ortho-Terphenyl (SURR)

R.T.: 10.817 min
Delta R.T.: -0.033 min
Response: 6841706
Conc: 44.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.857 min
Delta R.T.: -0.029 min
Response: 8741231
Conc: 57.15 ug/ml



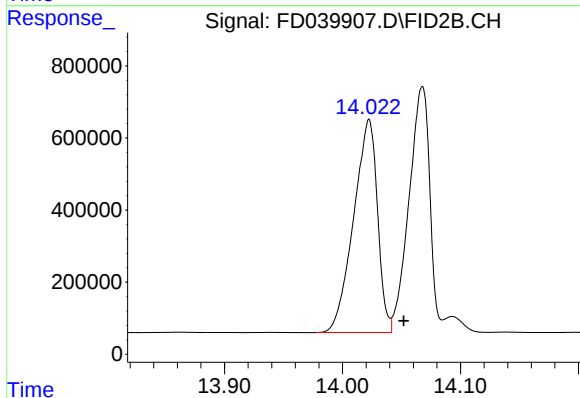
#13 Pyrene (C20.8)

R.T.: 12.153 min
Delta R.T.: -0.029 min
Response: 8613632
Conc: 57.79 ug/ml

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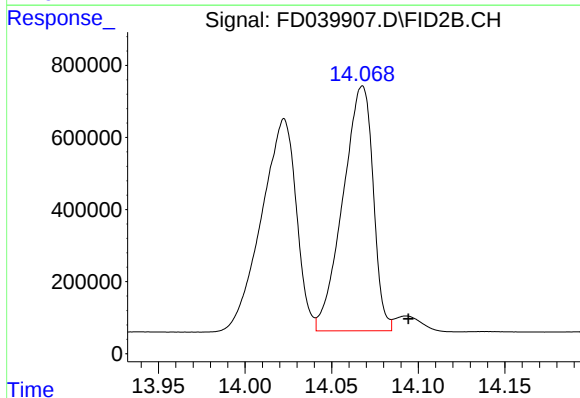
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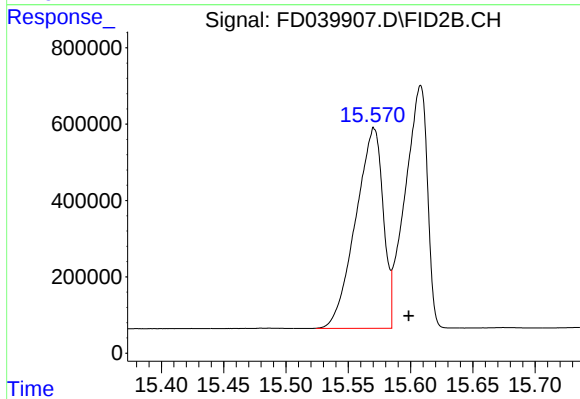
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.022 min
Delta R.T.: -0.030 min
Response: 8353292
Conc: 61.91 ug/ml m



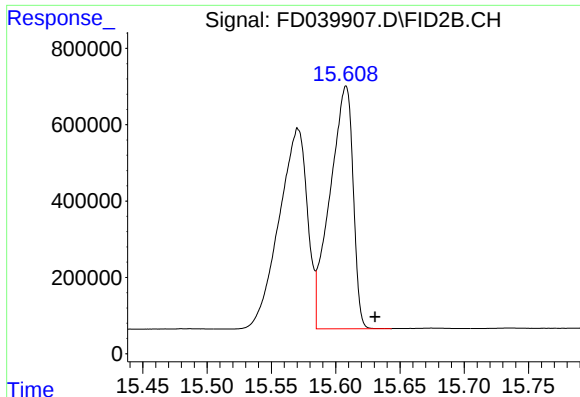
#15 Chrysene (C27.41)

R.T.: 14.068 min
Delta R.T.: -0.027 min
Response: 8247278
Conc: 58.65 ug/ml m



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

R.T.: 15.570 min
Delta R.T.: -0.029 min
Response: 8082415
Conc: 60.25 ug/ml m



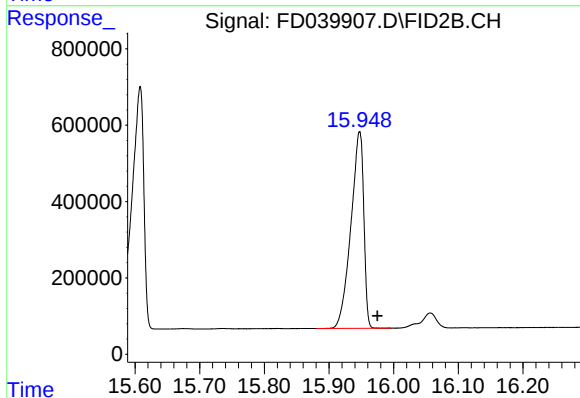
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.608 min
Delta R.T.: -0.023 min
Response: 7938192
Conc: 58.67 ug/ml

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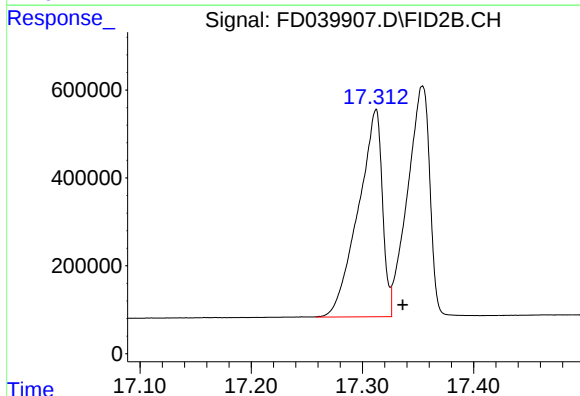
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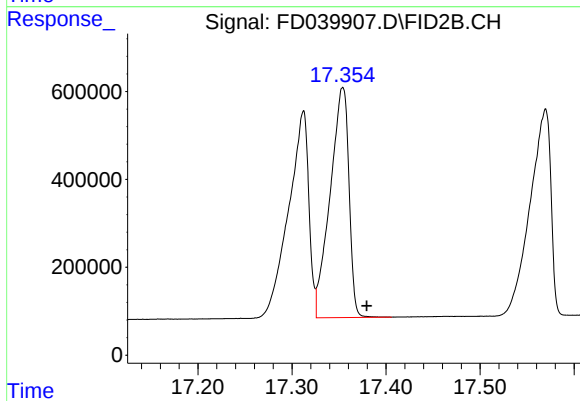
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.947 min
Delta R.T.: -0.027 min
Response: 7124867
Conc: 54.95 ug/ml



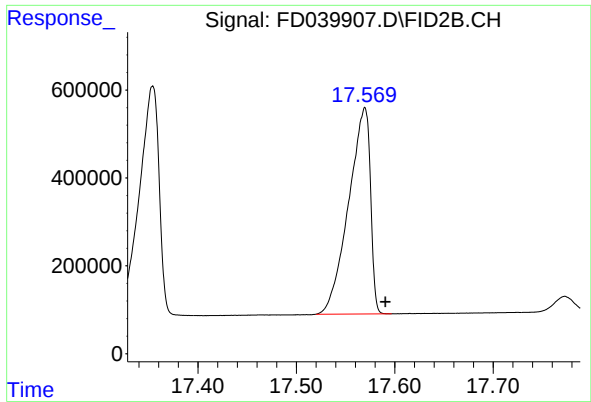
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.312 min
Delta R.T.: -0.024 min
Response: 7146778
Conc: 58.35 ug/ml m



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

R.T.: 17.354 min
Delta R.T.: -0.026 min
Response: 7291306
Conc: 59.47 ug/ml



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

R.T.: 17.570 min
Delta R.T.: -0.021 min
Response: 7232070
Conc: 57.89 ug/ml

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