

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050422AR\
 Data File : FD042298.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2022 23:18
 Operator : UA/NP
 Sample : N2659-03MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 22L097-CMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/05/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: autoint1.e
 Quant Time: May 05 01:58:39 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

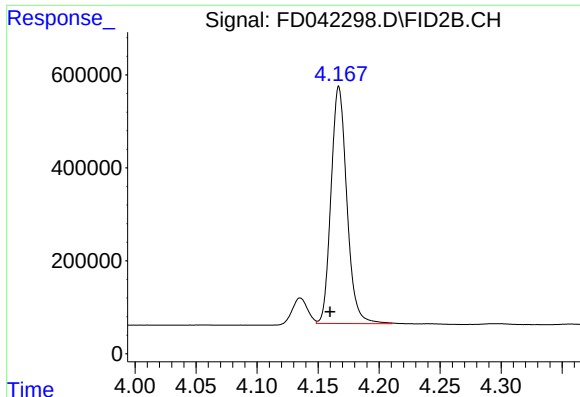
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.345	6709313	47.866 ug/ml
Spiked Amount 50.000		Recovery =	95.73%
6) S 2-Fluorobiphenyl (SURR)	8.196	4045853	56.782 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.56%
11) S ortho-Terphenyl (SURR)	11.225	6672298	38.495 ug/ml
Spiked Amount 50.000		Recovery =	76.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.167	4607184	29.594 ug/mlm
2) T Naphthalene (C11.7)	5.688	5679631	36.004 ug/ml
3) T 2-Methylnaphthalene (...)	6.734	5827858	40.302 ug/ml
5) T Acenaphthylene (C15.06)	7.997	5994033	36.371 ug/ml
7) T Acenaphthene (C15.5)	8.291	6813351	36.291 ug/ml
8) T Flouorene (C16.55)	9.069	6924515	45.462 ug/ml
9) T Phenanthrene (C19.36)	10.459	9243236	62.249 ug/ml
10) T Anthracene (C19.43)	10.533	7030011	41.993 ug/ml
12) T Fluoranthene (C21.85)	12.262	8536975	54.424 ug/ml
13) T Pyrene (C20.8)	12.555	7970201	48.865 ug/ml
14) T Benzo[a]anthracene (C...	14.427	6720362	56.182 ug/ml
15) T Chrysene (C27.41)	14.468	6730379	36.685 ug/ml
16) T benzo[b]fluoranthene ...	15.976	6495028	49.468 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	6272732	36.283 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.353	5970741	40.467 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	5733361	57.441 ug/ml
20) T Dibenz[a,h]anthracene...	17.758	5922105	37.731 ug/ml
21) T Benzo[g,h,i]perylene ...	17.974	5858686	42.304 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



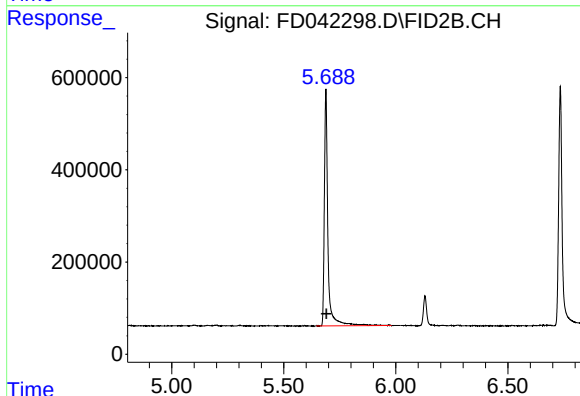
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.167 min
Delta R.T.: 0.007 min
Response: 4607184
Conc: 29.59 ug/ml

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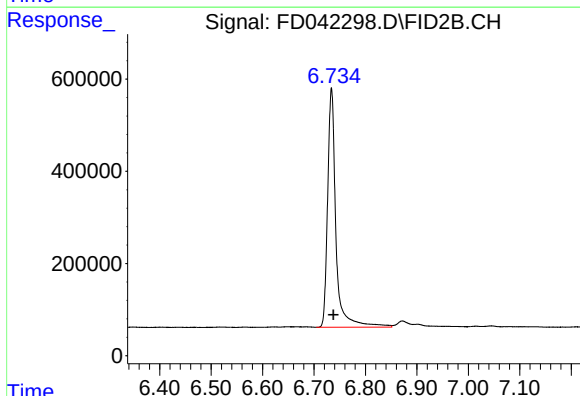
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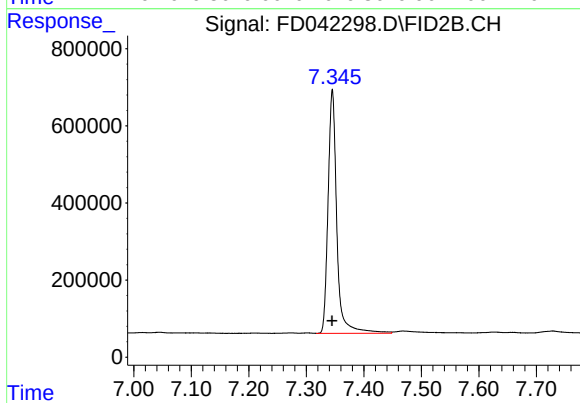
#2 Naphthalene (C11.7)

R.T.: 5.688 min
Delta R.T.: -0.002 min
Response: 5679631
Conc: 36.00 ug/ml



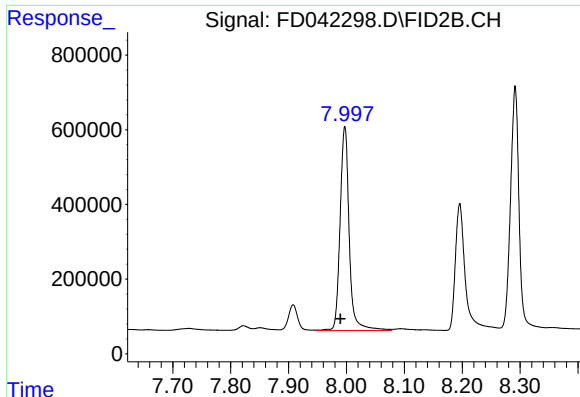
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.004 min
Response: 5827858
Conc: 40.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 6709313
Conc: 47.87 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.997 min
Delta R.T.: 0.008 min
Response: 5994033
Conc: 36.37 ug/ml

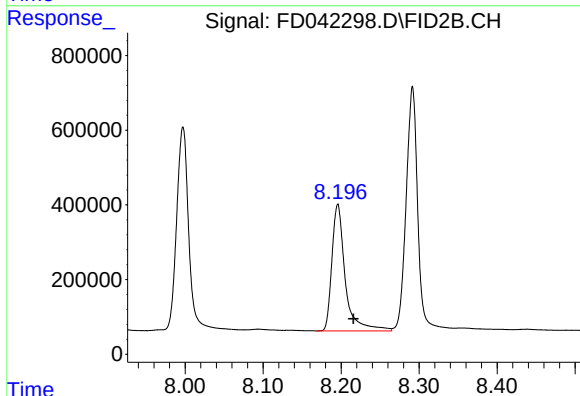
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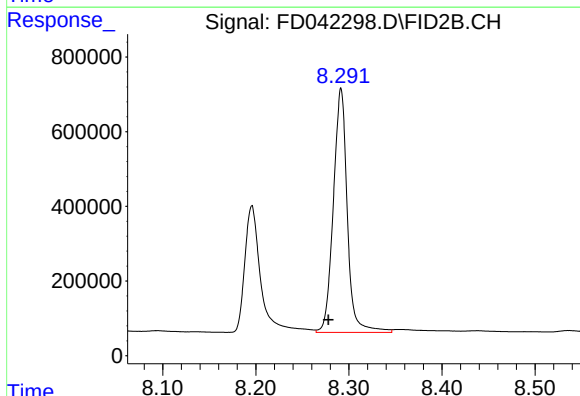
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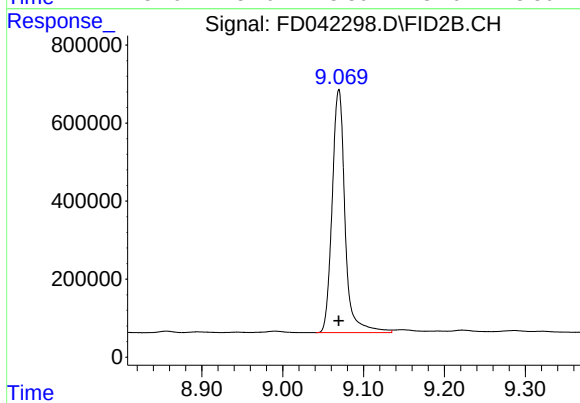
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.020 min
Response: 4045853
Conc: 56.78 ug/ml



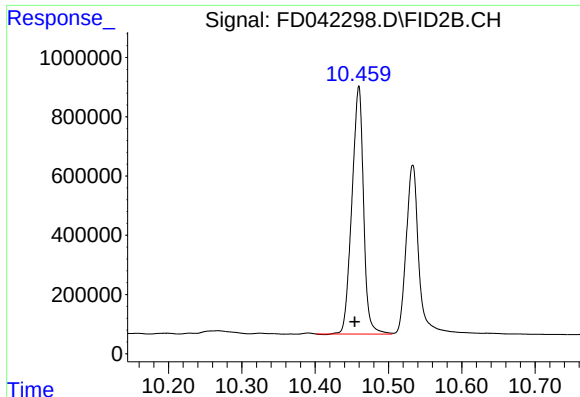
#7 Acenaphthene (C15.5)

R.T.: 8.291 min
Delta R.T.: 0.013 min
Response: 6813351
Conc: 36.29 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 6924515
Conc: 45.46 ug/ml



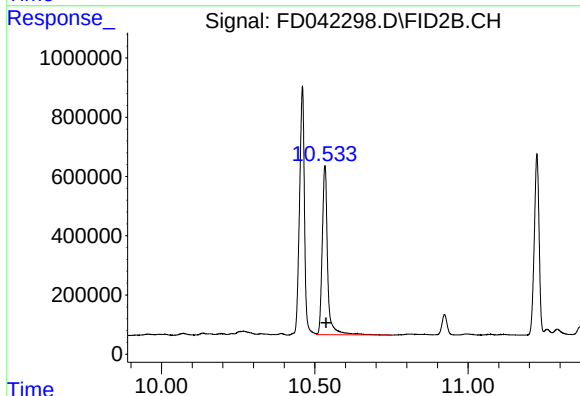
#9 Phenanthrene (C19.36)

R.T.: 10.459 min
Delta R.T.: 0.005 min
Response: 9243236
Conc: 62.25 ug/ml

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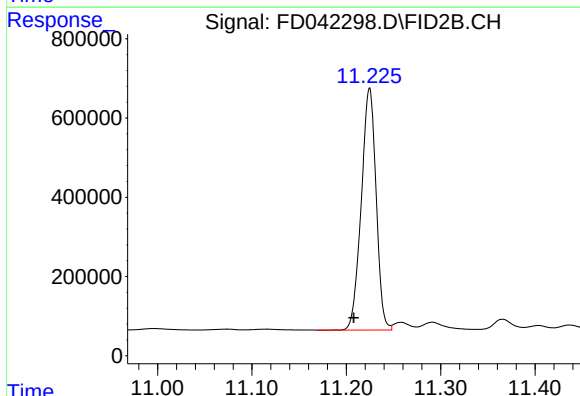
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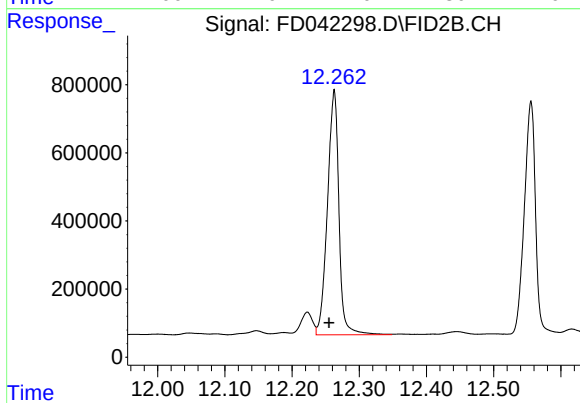
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.004 min
Response: 7030011
Conc: 41.99 ug/ml



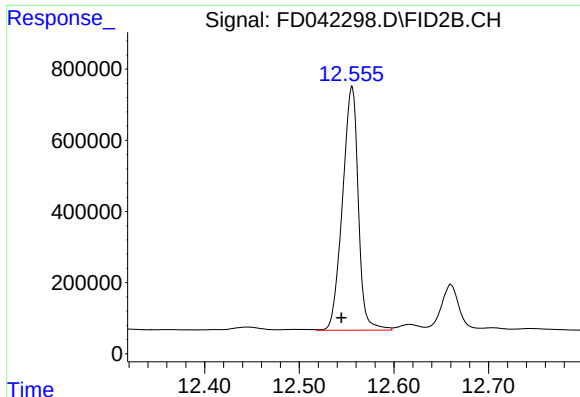
#11 ortho-Terphenyl (SURR)

R.T.: 11.225 min
Delta R.T.: 0.017 min
Response: 6672298
Conc: 38.49 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.262 min
Delta R.T.: 0.007 min
Response: 8536975
Conc: 54.42 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.555 min
Delta R.T.: 0.011 min
Response: 7970201
Conc: 48.87 ug/ml

Instrument :

FID_D

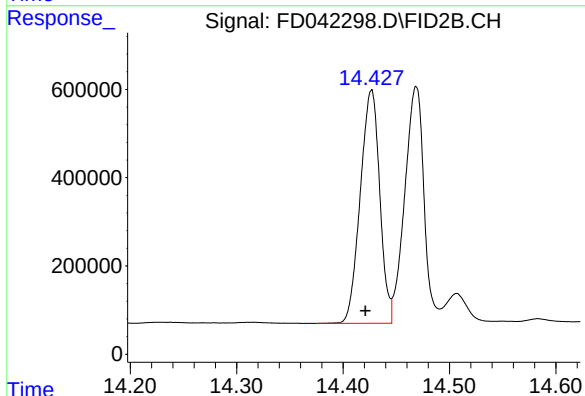
ClientSampleId :

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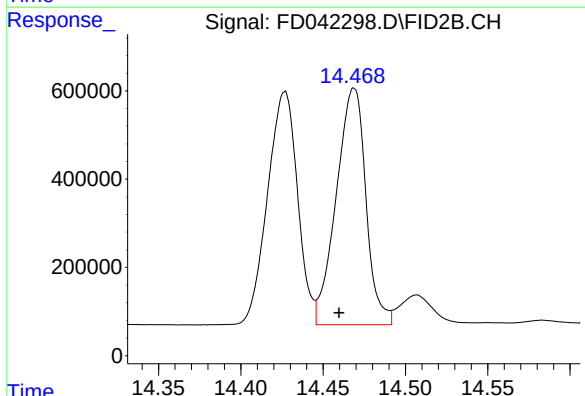
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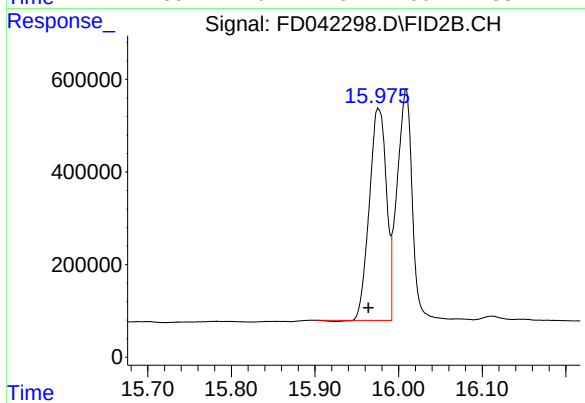
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: 0.005 min
Response: 6720362
Conc: 56.18 ug/ml



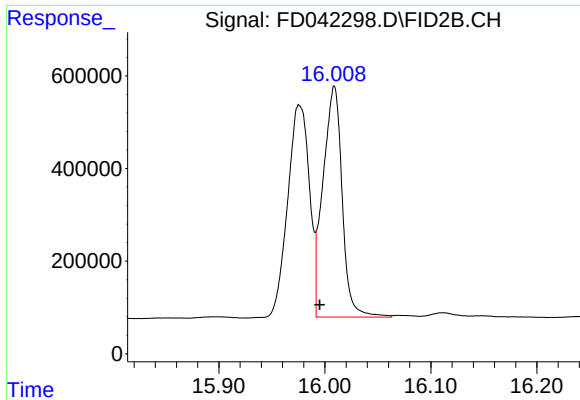
#15 Chrysene (C27.41)

R.T.: 14.468 min
Delta R.T.: 0.009 min
Response: 6730379
Conc: 36.69 ug/ml



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

R.T.: 15.976 min
Delta R.T.: 0.012 min
Response: 6495028
Conc: 49.47 ug/ml



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

R.T.: 16.008 min
Delta R.T.: 0.013 min
Response: 6272732
Conc: 36.28 ug/ml

Instrument :

FID_D

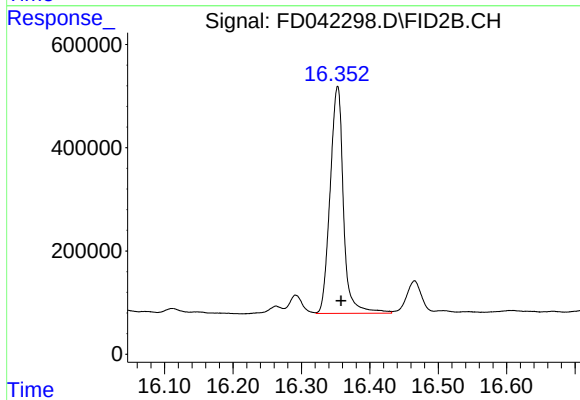
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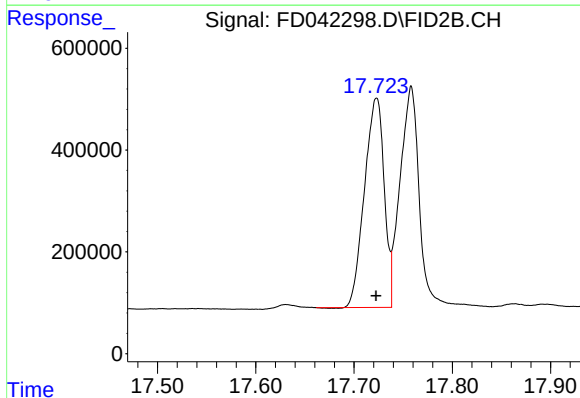
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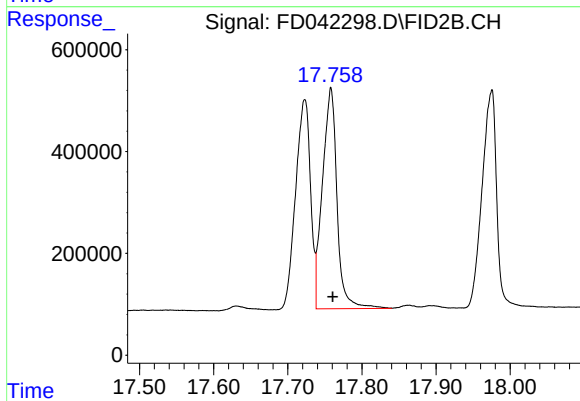
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.353 min
Delta R.T.: -0.005 min
Response: 5970741
Conc: 40.47 ug/ml



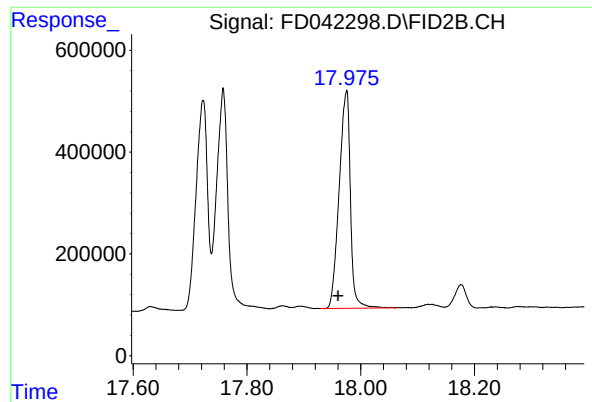
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.723 min
Delta R.T.: 0.000 min
Response: 5733361
Conc: 57.44 ug/ml



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

R.T.: 17.758 min
Delta R.T.: -0.003 min
Response: 5922105
Conc: 37.73 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.014 min
Response: 5858686
Conc: 42.30 ug/ml

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