

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033022AR\
 Data File : FD041822.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2022 22:57
 Operator : UA/NP
 Sample : N2161-05MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 S-4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e
 Quant Time: Mar 31 01:24:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

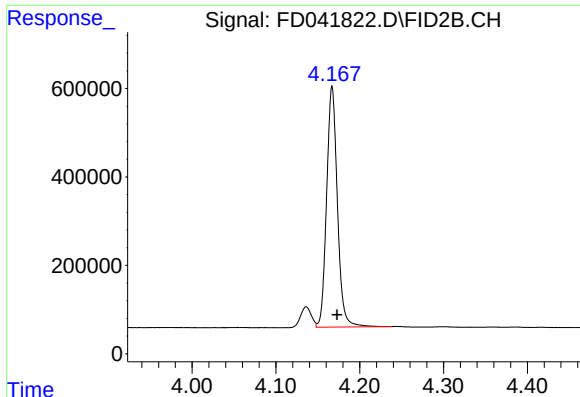
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.347	6156532	38.385 ug/ml
Spiked Amount 50.000		Recovery =	76.77%
6) S 2-Fluorobiphenyl (SURR)	8.196	3973677	40.213 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.43%
11) S ortho-Terphenyl (SURR)	11.227	4831560	24.854 ug/ml
Spiked Amount 50.000		Recovery =	49.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.167	4867276	27.788 ug/ml
2) T Naphthalene (C11.7)	5.689	5242756	29.715 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	5344316	33.404 ug/ml
5) T Acenaphthylene (C15.06)	7.998	5558515	30.037 ug/ml
7) T Acenaphthene (C15.5)	8.292	6234137	32.474 ug/ml
8) T Flouorene (C16.55)	9.070	6018866	34.117 ug/ml
9) T Phenanthrene (C19.36)	10.458	6357789	36.449 ug/ml
10) T Anthracene (C19.43)	10.533	6421293	35.279 ug/ml
12) T Fluoranthene (C21.85)	12.261	6503384	36.838 ug/ml
13) T Pyrene (C20.8)	12.554	6211617	36.740 ug/ml
14) T Benzo[a]anthracene (C...	14.424	5452356	36.464 ug/ml
15) T Chrysene (C27.41)	14.465	5439384	30.220 ug/ml
16) T benzo[b]fluoranthene ...	15.969	5296011	35.714 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.004	5390899	32.625 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.346	4793890	34.082 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.713	4997457	45.373 ug/ml
20) T Dibenz[a,h]anthracene...	17.751	5440421	37.579 ug/ml
21) T Benzo[g,h,i]perylene ...	17.965	5342374	40.254 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



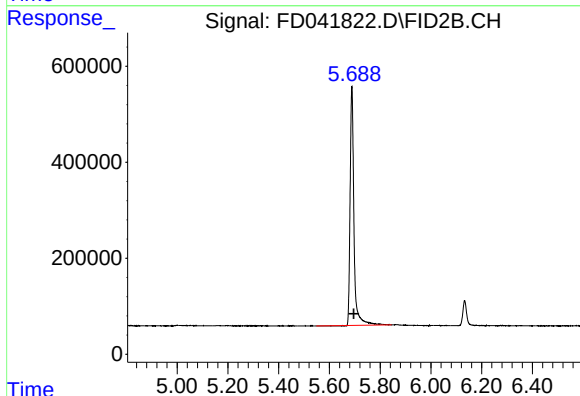
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.167 min
Delta R.T.: -0.006 min
Response: 4867276
Conc: 27.79 ug/ml

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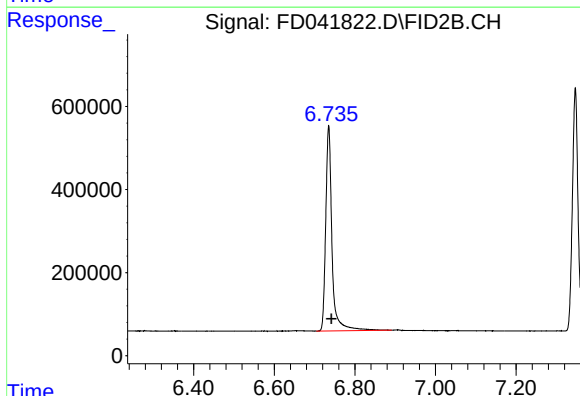
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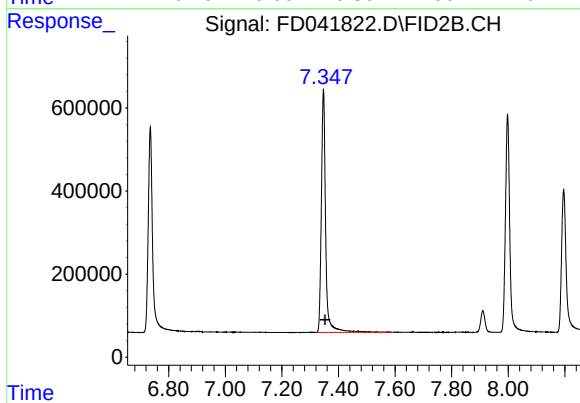
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 5242756
Conc: 29.71 ug/ml



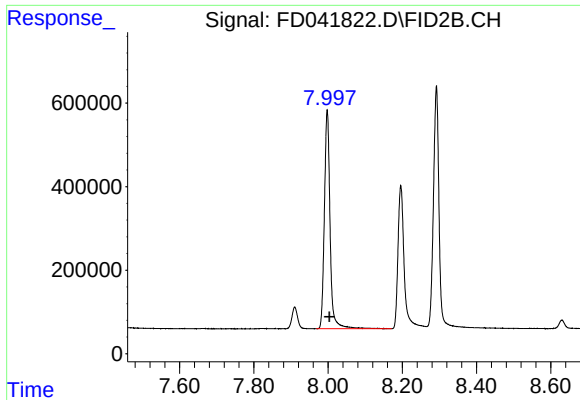
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.007 min
Response: 5344316
Conc: 33.40 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.347 min
Delta R.T.: -0.006 min
Response: 6156532
Conc: 38.38 ug/ml



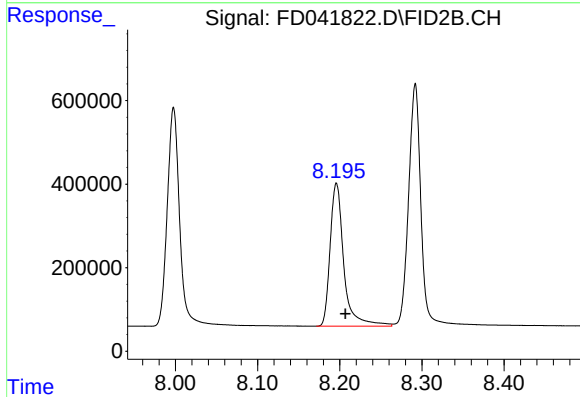
#5 Acenaphthylene (C15.06)

R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 5558515
Conc: 30.04 ug/ml

Instrument :
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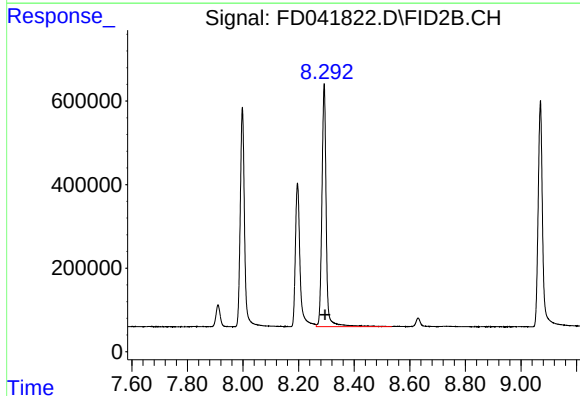
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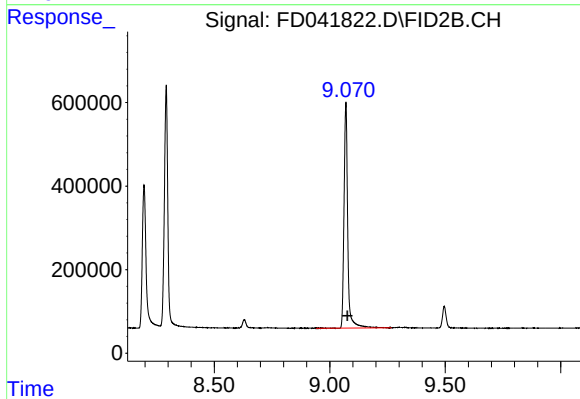
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.011 min
Response: 3973677
Conc: 40.21 ug/ml



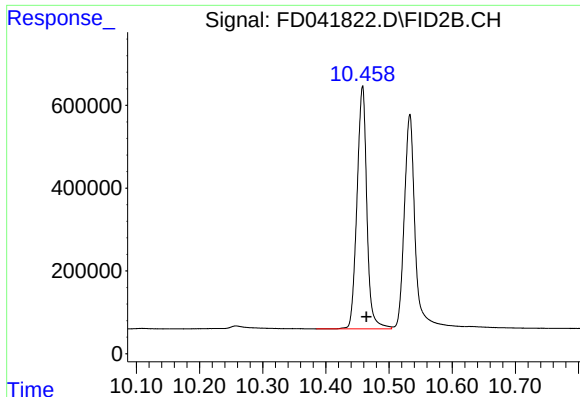
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: -0.004 min
Response: 6234137
Conc: 32.47 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.070 min
Delta R.T.: -0.008 min
Response: 6018866
Conc: 34.12 ug/ml



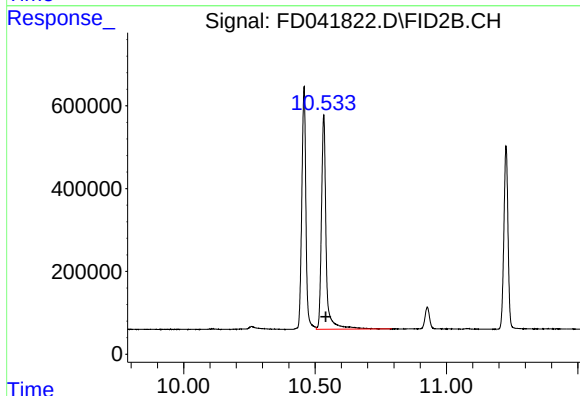
#9 Phenanthrene (C19.36)

R.T.: 10.458 min
Delta R.T.: -0.007 min
Response: 6357789
Conc: 36.45 ug/ml

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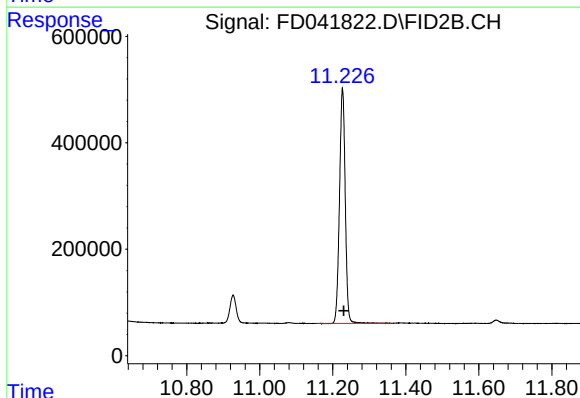
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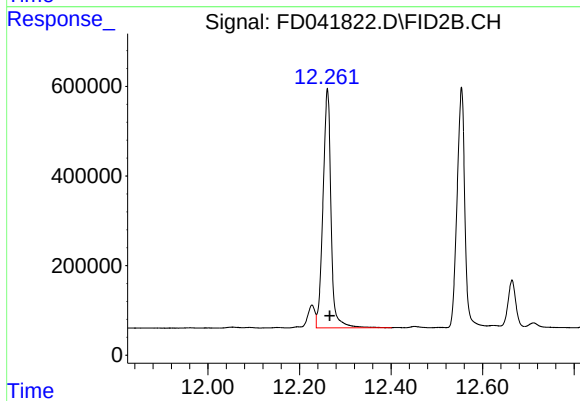
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.008 min
Response: 6421293
Conc: 35.28 ug/ml



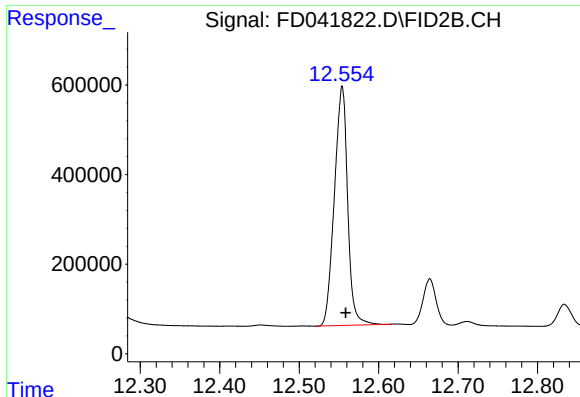
#11 ortho-Terphenyl (SURRE)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 4831560
Conc: 24.85 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: -0.005 min
Response: 6503384
Conc: 36.84 ug/ml



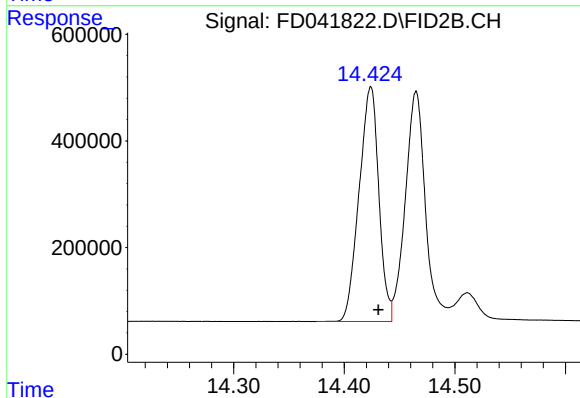
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: -0.005 min
Response: 6211617
Conc: 36.74 ug/ml

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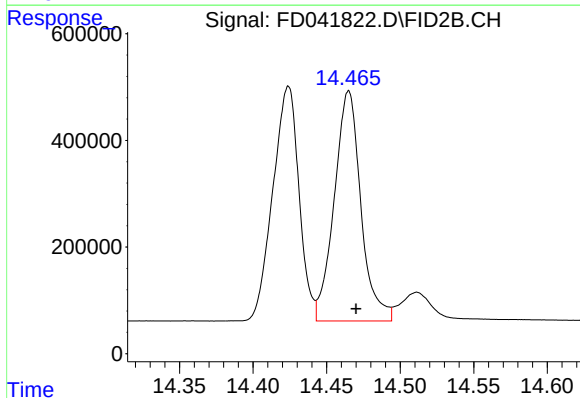
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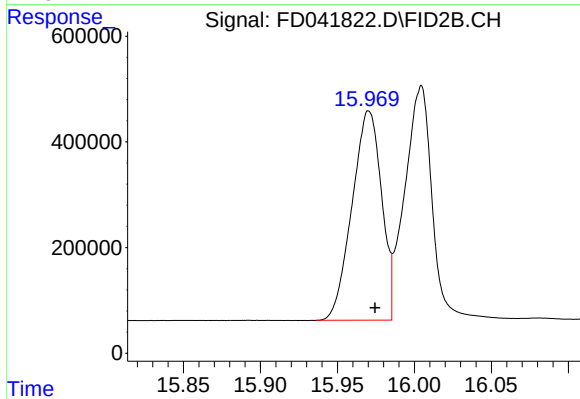
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.424 min
Delta R.T.: -0.007 min
Response: 5452356
Conc: 36.46 ug/ml



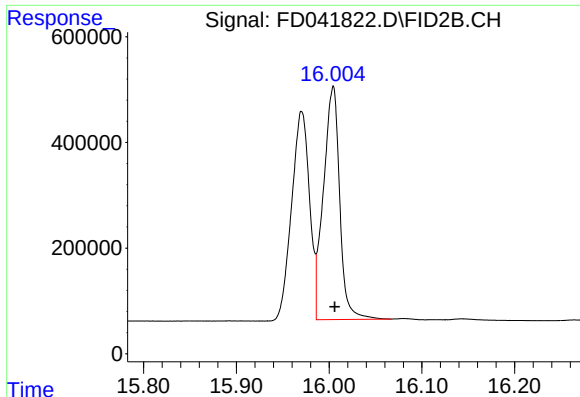
#15 Chrysene (C27.41)

R.T.: 14.465 min
Delta R.T.: -0.005 min
Response: 5439384
Conc: 30.22 ug/ml



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

R.T.: 15.969 min
Delta R.T.: -0.005 min
Response: 5296011
Conc: 35.71 ug/ml m



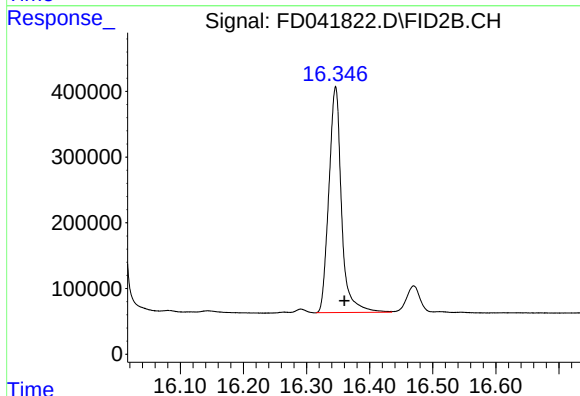
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.004 min
Delta R.T.: -0.002 min
Response: 5390899
Conc: 32.62 ug/ml

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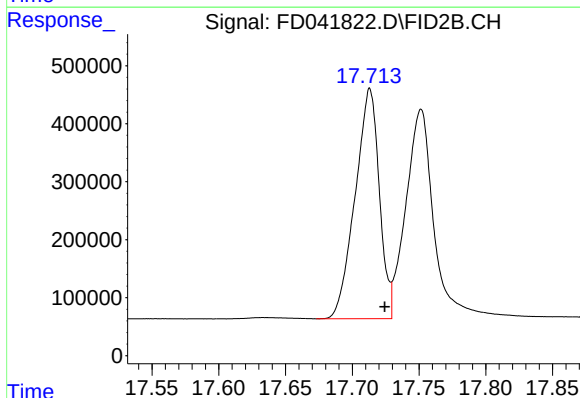
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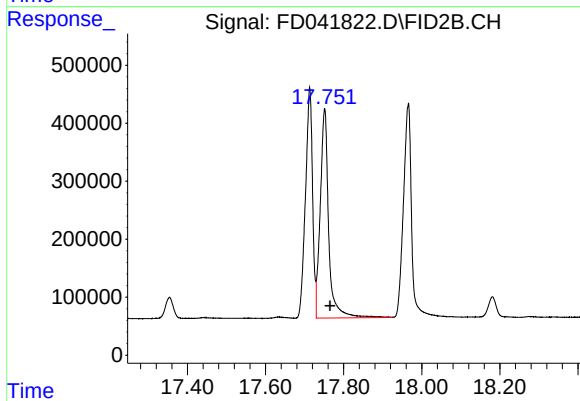
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.346 min
Delta R.T.: -0.014 min
Response: 4793890
Conc: 34.08 ug/ml m



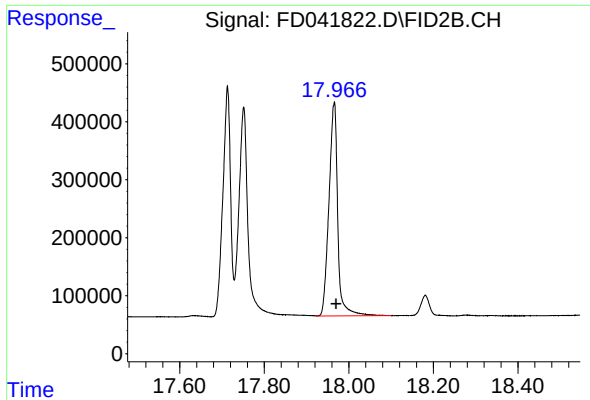
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.713 min
Delta R.T.: -0.011 min
Response: 4997457
Conc: 45.37 ug/ml



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

R.T.: 17.751 min
Delta R.T.: -0.014 min
Response: 5440421
Conc: 37.58 ug/ml



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

R.T.: 17.965 min
Delta R.T.: -0.005 min
Response: 5342374
Conc: 40.25 ug/ml

Instrument :

FID_D

ClientSampleId :

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