

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041781.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2022 16:18
 Operator : UA/NP
 Sample : PB143706BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB143706BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 30 02:20:45 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

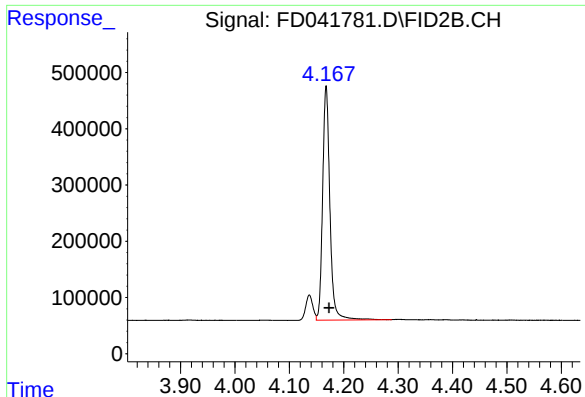
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.347	5179128	32.291 ug/ml
Spiked Amount 50.000		Recovery =	64.58%
6) S 2-Fluorobiphenyl (SURR)	8.197	3282351	33.217 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.43%
11) S ortho-Terphenyl (SURR)	11.227	5171678	26.604 ug/ml
Spiked Amount 50.000		Recovery =	53.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	3865969	22.072 ug/ml
2) T Naphthalene (C11.7)	5.690	4378150	24.814 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	4335024	27.095 ug/ml
5) T Acenaphthylene (C15.06)	7.998	4643576	25.093 ug/ml
7) T Acenaphthene (C15.5)	8.292	5267763	27.440 ug/ml
8) T Flouorene (C16.55)	9.070	5008496	28.389 ug/ml
9) T Phenanthrene (C19.36)	10.457	5158414	29.573 ug/ml
10) T Anthracene (C19.43)	10.533	5239148	28.785 ug/ml
12) T Fluoranthene (C21.85)	12.260	5230541	29.628 ug/mlm
13) T Pyrene (C20.8)	12.552	5109864	30.224 ug/ml
14) T Benzo[a]anthracene (C...	14.422	4582061	30.643 ug/ml
15) T Chrysene (C27.41)	14.464	4525235	25.141 ug/ml
16) T benzo[b]fluoranthene ...	15.970	4765721	32.138 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.003	4853934	29.375 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.345	4226073	30.045 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.713	4407928	40.021 ug/mlm
20) T Dibenz[a,h]anthracene...	17.750	4607875	31.828 ug/ml
21) T Benzo[g,h,i]perylene ...	17.962	4644258	34.994 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.168 min
Delta R.T.: -0.005 min
Response: 3865969
Conc: 22.07 ug/ml

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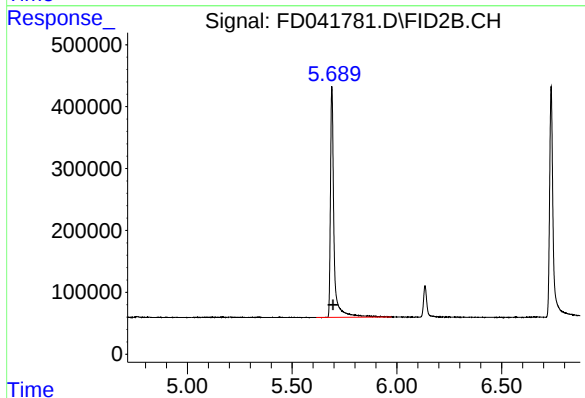
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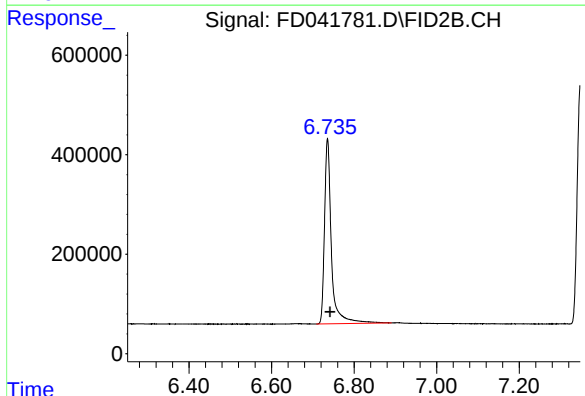
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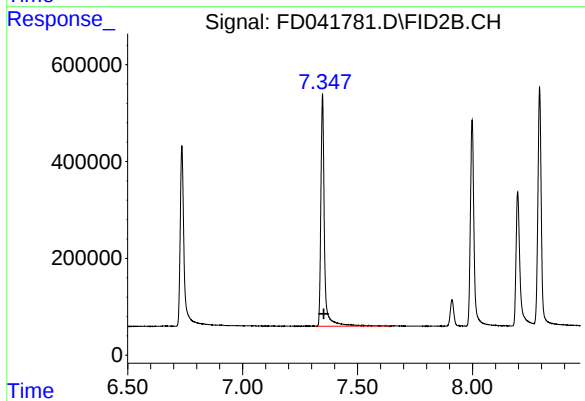
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.006 min
Response: 4378150
Conc: 24.81 ug/ml



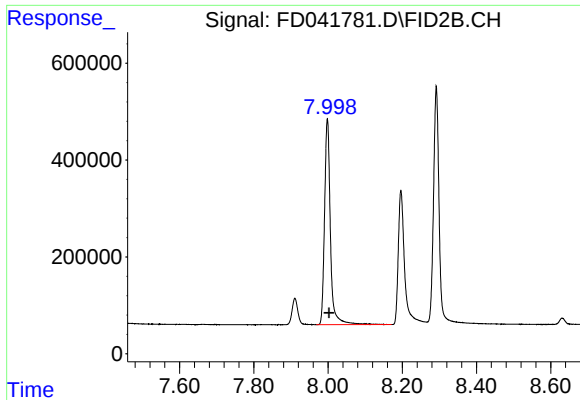
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.006 min
Response: 4335024
Conc: 27.10 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.347 min
Delta R.T.: -0.006 min
Response: 5179128
Conc: 32.29 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 4643576
Conc: 25.09 ug/ml

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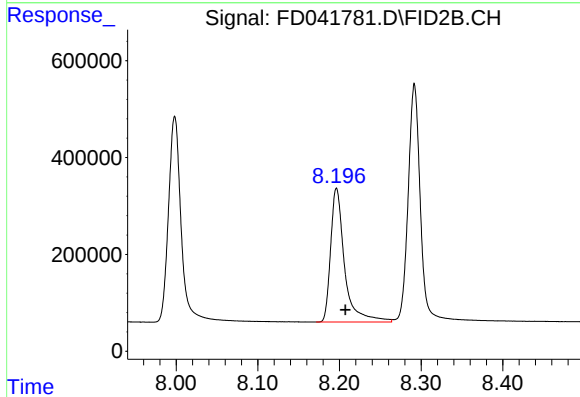
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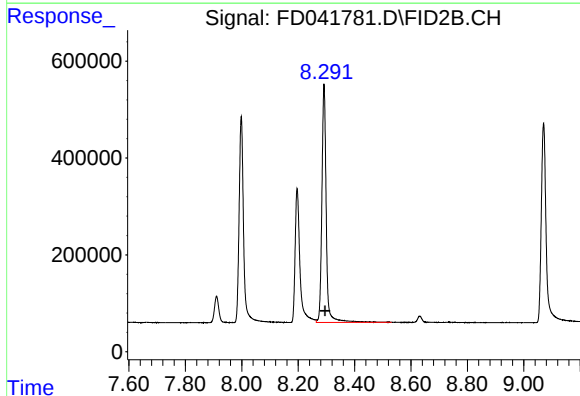
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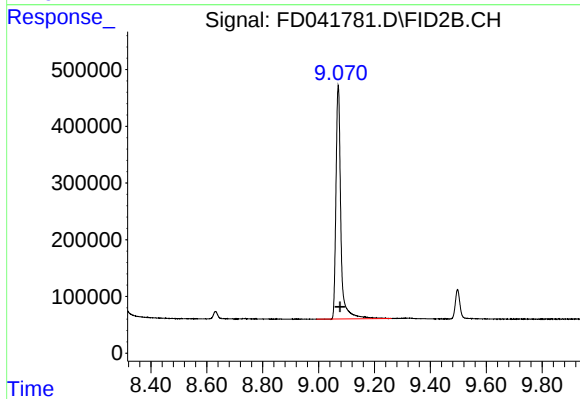
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 3282351
Conc: 33.22 ug/ml



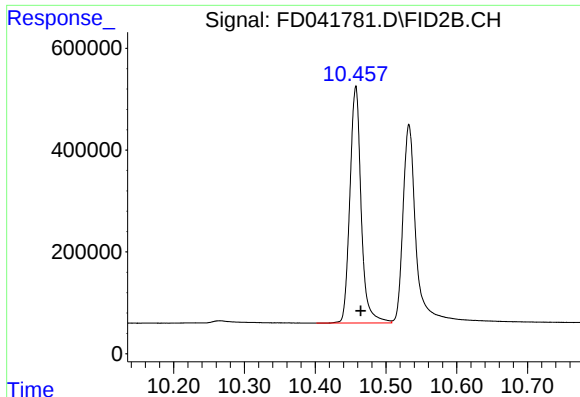
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: -0.003 min
Response: 5267763
Conc: 27.44 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.070 min
Delta R.T.: -0.007 min
Response: 5008496
Conc: 28.39 ug/ml



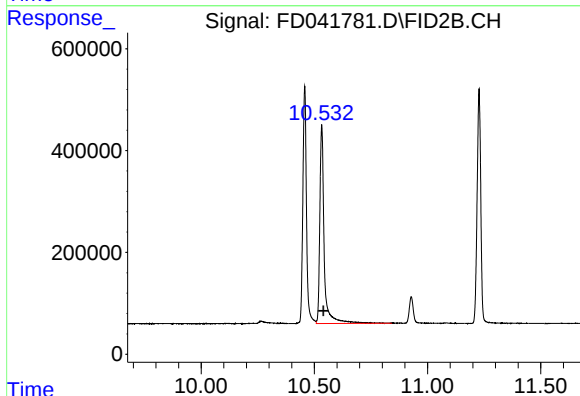
#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: -0.007 min
Response: 5158414
Conc: 29.57 ug/ml

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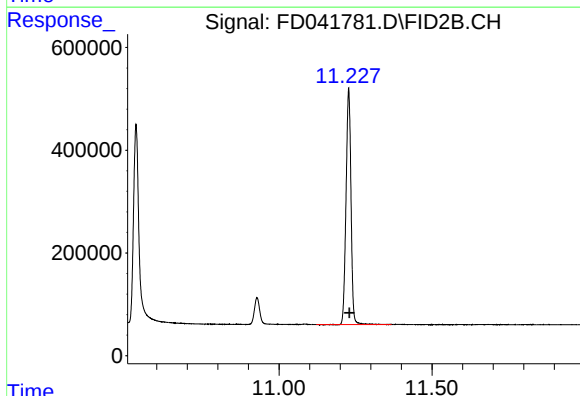
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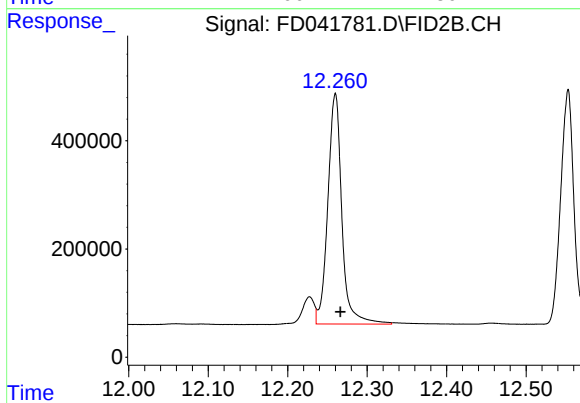
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.008 min
Response: 5239148
Conc: 28.78 ug/ml



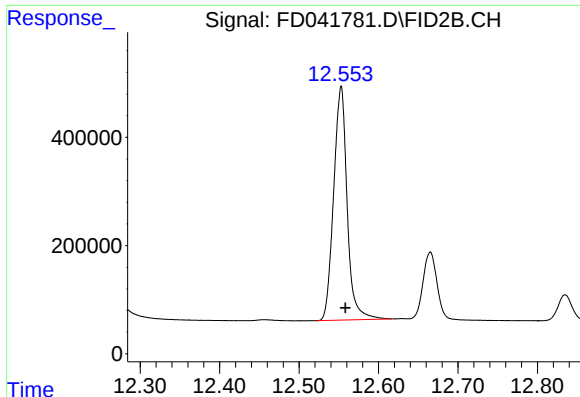
#11 ortho-Terphenyl (SURRE)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 5171678
Conc: 26.60 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.260 min
Delta R.T.: -0.007 min
Response: 5230541
Conc: 29.63 ug/ml m



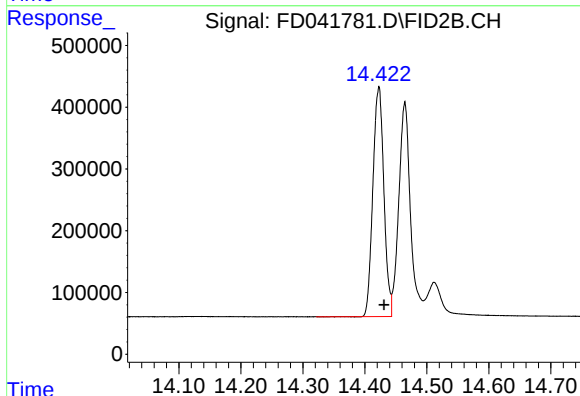
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: -0.006 min
Response: 5109864
Conc: 30.22 ug/ml

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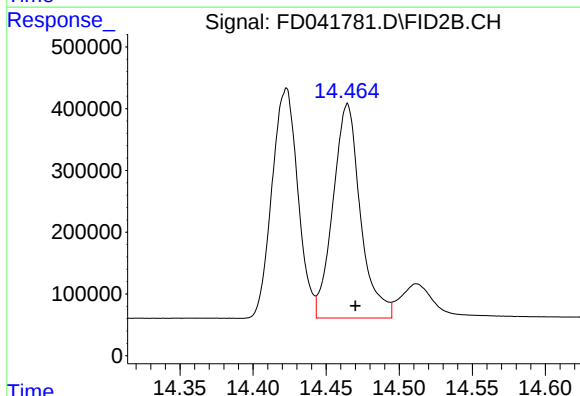
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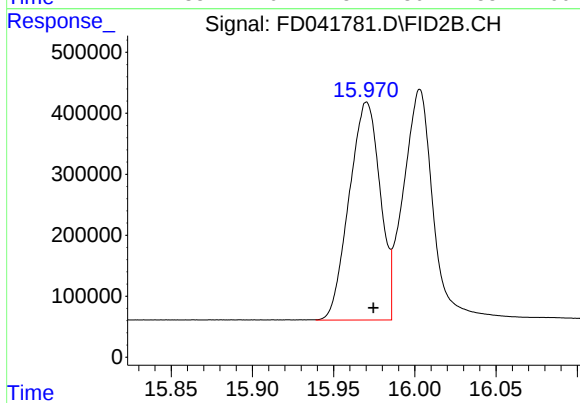
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: -0.009 min
Response: 4582061
Conc: 30.64 ug/ml



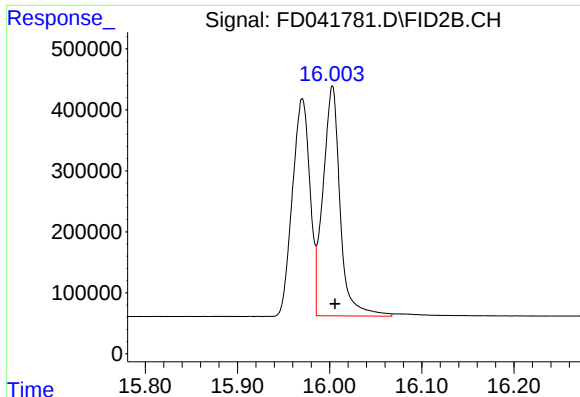
#15 Chrysene (C27.41)

R.T.: 14.464 min
Delta R.T.: -0.006 min
Response: 4525235
Conc: 25.14 ug/ml



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

R.T.: 15.970 min
Delta R.T.: -0.004 min
Response: 4765721
Conc: 32.14 ug/ml m



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

R.T.: 16.003 min
Delta R.T.: -0.003 min
Response: 4853934
Conc: 29.38 ug/ml

Instrument :

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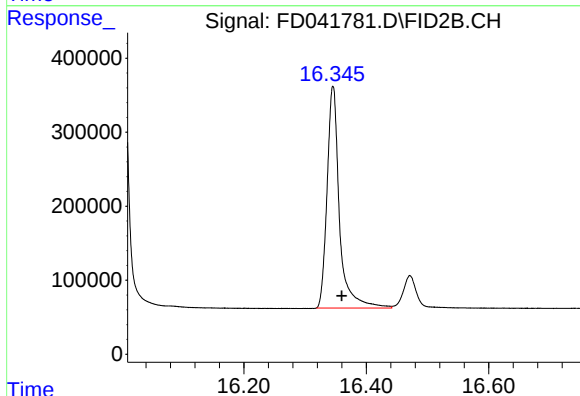
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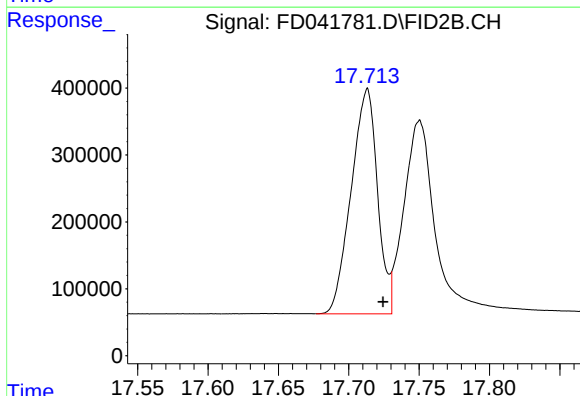
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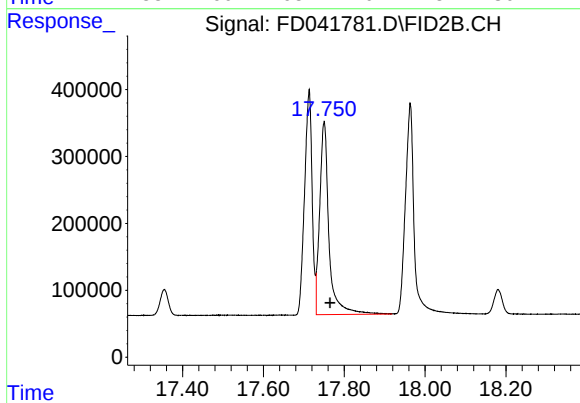
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.345 min
Delta R.T.: -0.015 min
Response: 4226073
Conc: 30.05 ug/ml



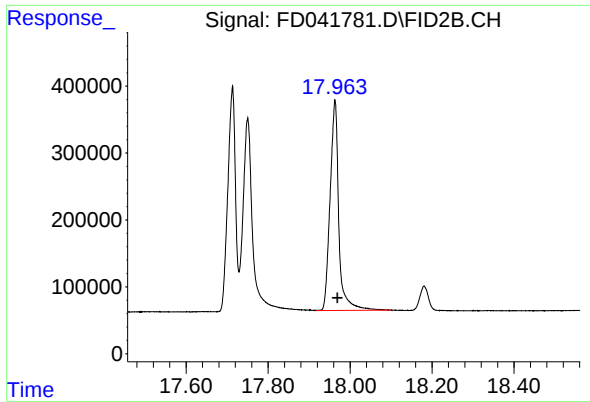
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.713 min
Delta R.T.: -0.011 min
Response: 4407928
Conc: 40.02 ug/ml m



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

R.T.: 17.750 min
Delta R.T.: -0.016 min
Response: 4607875
Conc: 31.83 ug/ml



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

R.T.: 17.962 min
Delta R.T.: -0.008 min
Response: 4644258
Conc: 34.99 ug/ml

Instrument :

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