

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060122AR\
 Data File : FD042720.D
 Signal(s) : FID2B.CH
 Acq On : 01 Jun 2022 14:43
 Operator : UA/NP
 Sample : PB145150BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145150BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/02/2022
 Supervised By :Ankita Jodhani 06/02/2022

Integration File: autoint1.e
 Quant Time: Jun 02 04:46:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

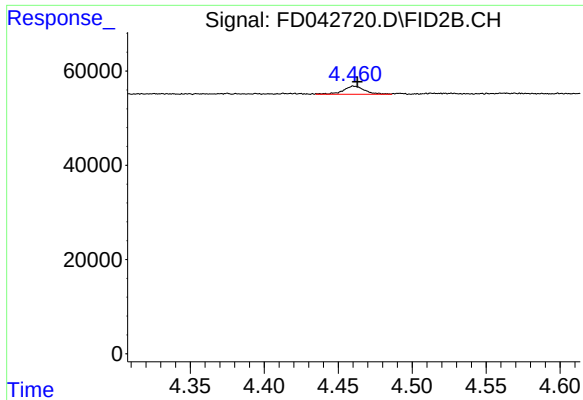
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.667	2541919	16.634 ug/ml
Spiked Amount 50.000		Recovery =	33.27%
6) S 2-Fluorobiphenyl (SURR)	8.533	3369921	32.767 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	65.53%
11) S ortho-Terphenyl (SURR)	11.586	8399578	47.315 ug/ml
Spiked Amount 50.000		Recovery =	94.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.460	17904	0.107 ug/mlm
2) T Naphthalene (C11.7)	6.002	300049	1.735 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	1391247	8.724 ug/ml
5) T Acenaphthylene (C15.06)	8.335	3837869	22.213 ug/ml
7) T Acenaphthene (C15.5)	8.632	4708385	27.364 ug/ml
8) T Flouorene (C16.55)	9.417	6616305	39.410 ug/ml
9) T Phenanthrene (C19.36)	10.818	8156229	49.600 ug/ml
10) T Anthracene (C19.43)	10.894	8187634	53.569 ug/ml
12) T Fluoranthene (C21.85)	12.635	8503601	53.975 ug/ml
13) T Pyrene (C20.8)	12.934	8408964	54.012 ug/ml
14) T Benzo[a]anthracene (C...	14.808	7853548	58.902 ug/ml
15) T Chrysene (C27.41)	14.855	8600347	65.096 ug/mlm
16) T benzo[b]fluoranthene ...	16.361	7741934	58.116 ug/ml
17) T Bnezo[k]fluoranthene ...	16.399	7526317	60.766 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.741	6933955	56.023 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.110	7777505	69.777 ug/ml
20) T Dibenz[a,h]anthracene...	18.151	7361146	66.176 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.369	7406379	62.314 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.460 min
Delta R.T.: -0.003 min
Response: 17904
Conc: 0.11 ug/ml

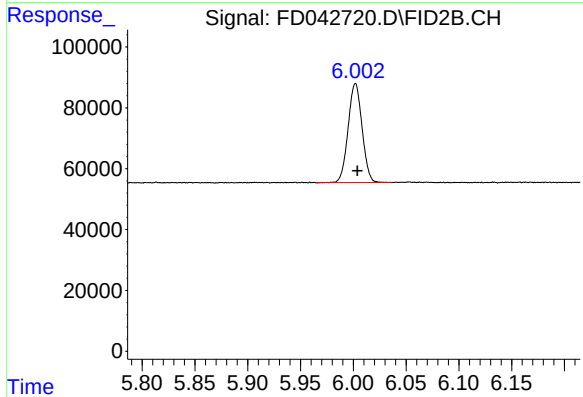
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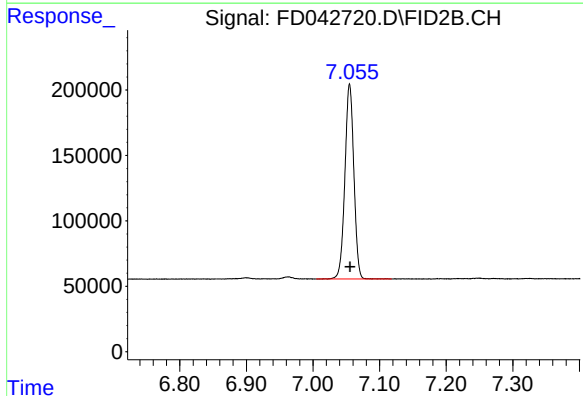
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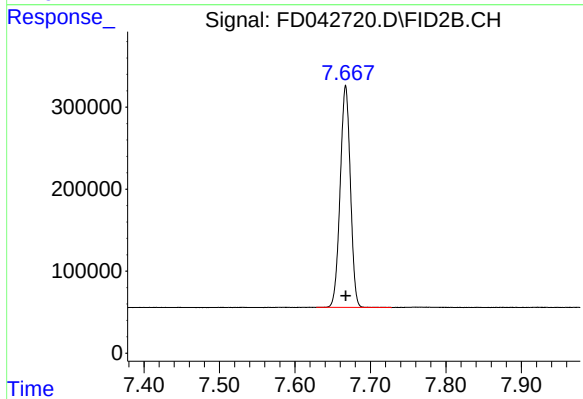
#2 Naphthalene (C11.7)

R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 300049
Conc: 1.74 ug/ml



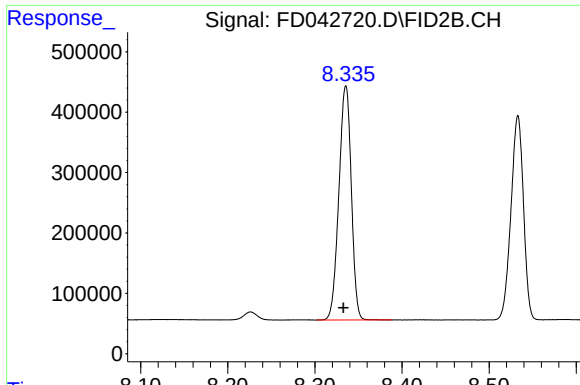
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 1391247
Conc: 8.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 2541919
Conc: 16.63 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.335 min
Delta R.T.: 0.003 min
Response: 3837869
Conc: 22.21 ug/ml

Instrument :

FID_D

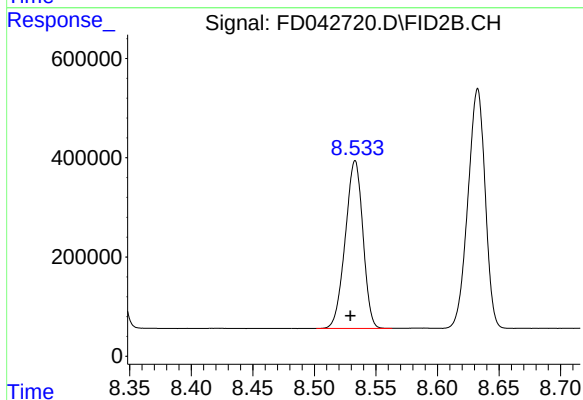
ClientSampleId :

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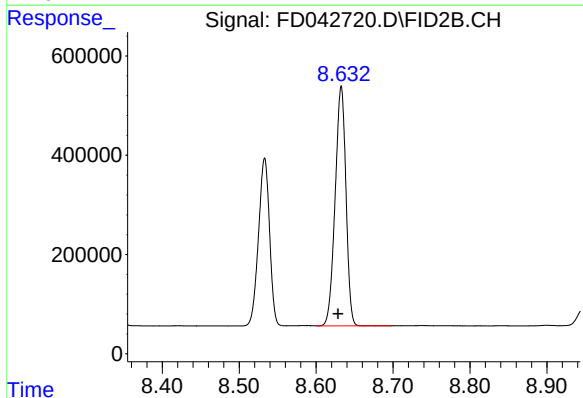
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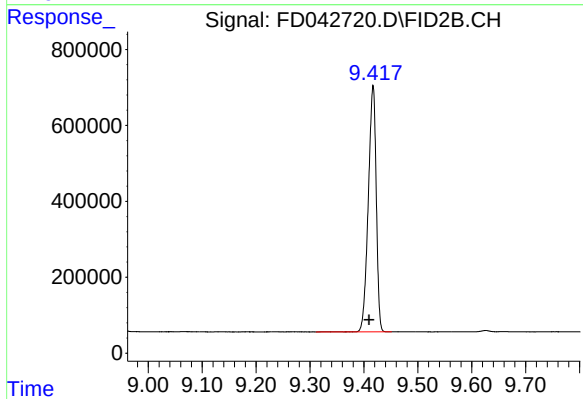
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.533 min
Delta R.T.: 0.004 min
Response: 3369921
Conc: 32.77 ug/ml



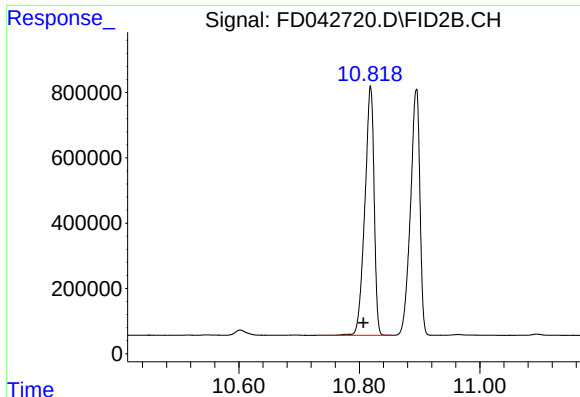
#7 Acenaphthene (C15.5)

R.T.: 8.632 min
Delta R.T.: 0.004 min
Response: 4708385
Conc: 27.36 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.417 min
Delta R.T.: 0.007 min
Response: 6616305
Conc: 39.41 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.818 min
Delta R.T.: 0.012 min
Response: 8156229
Conc: 49.60 ug/ml

Instrument :

FID_D

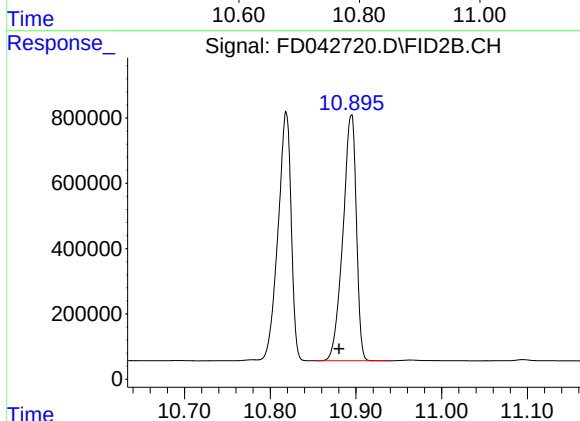
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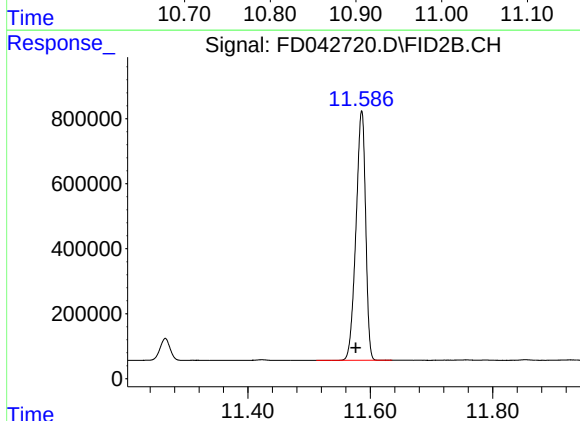
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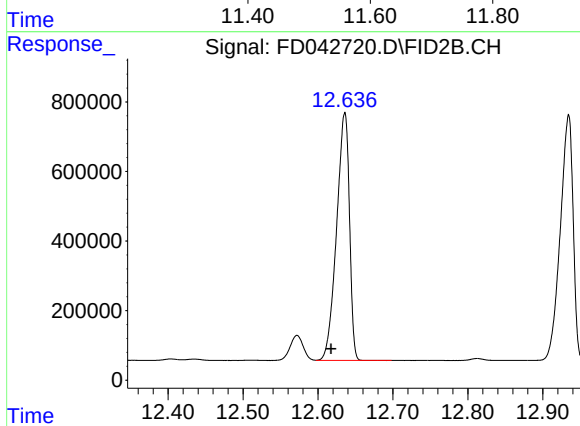
#10 Anthracene (C19.43)

R.T.: 10.894 min
Delta R.T.: 0.014 min
Response: 8187634
Conc: 53.57 ug/ml



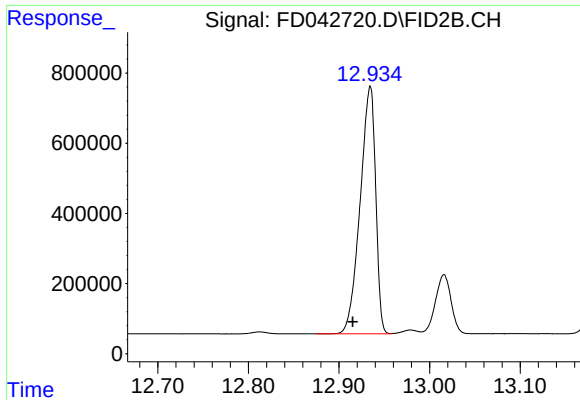
#11 ortho-Terphenyl (SURR)

R.T.: 11.586 min
Delta R.T.: 0.009 min
Response: 8399578
Conc: 47.32 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: 0.018 min
Response: 8503601
Conc: 53.98 ug/ml



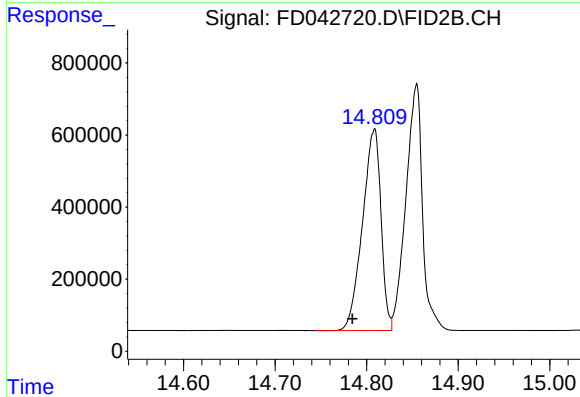
#13 Pyrene (C20.8)

R.T.: 12.934 min
Delta R.T.: 0.019 min
Response: 8408964
Conc: 54.01 ug/ml

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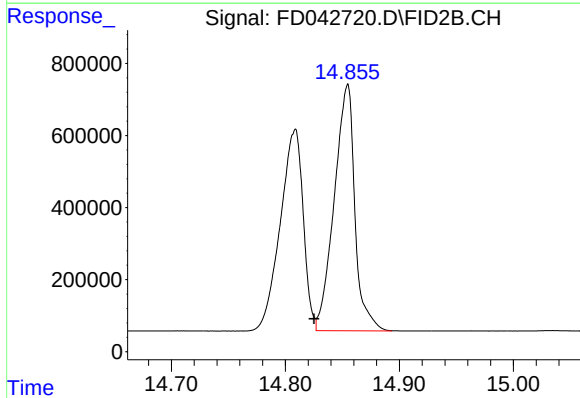
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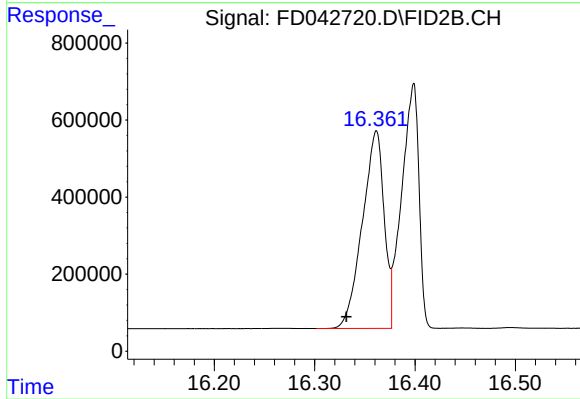
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.808 min
Delta R.T.: 0.023 min
Response: 7853548
Conc: 58.90 ug/ml



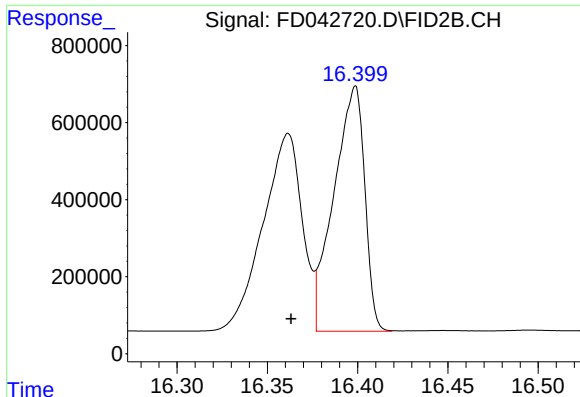
#15 Chrysene (C27.41)

R.T.: 14.855 min
Delta R.T.: 0.029 min
Response: 8600347
Conc: 65.10 ug/ml m



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

R.T.: 16.361 min
Delta R.T.: 0.029 min
Response: 7741934
Conc: 58.12 ug/ml



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

R.T.: 16.399 min
Delta R.T.: 0.036 min
Response: 7526317
Conc: 60.77 ug/ml

Instrument :

FID_D

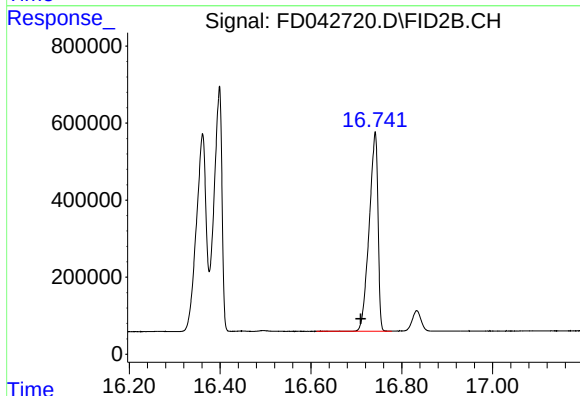
ClientSampleId :

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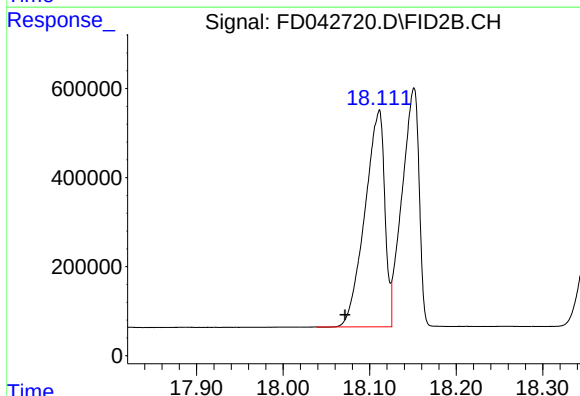
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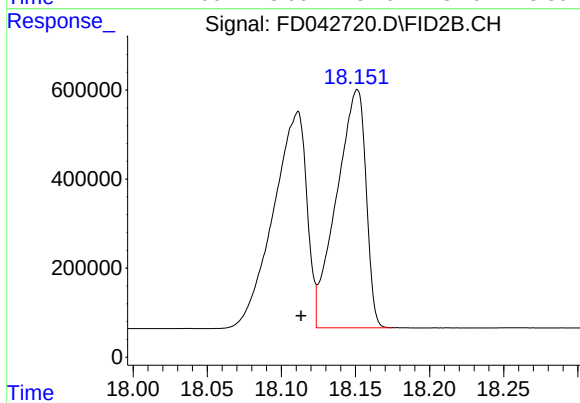
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.741 min
Delta R.T.: 0.031 min
Response: 6933955
Conc: 56.02 ug/ml



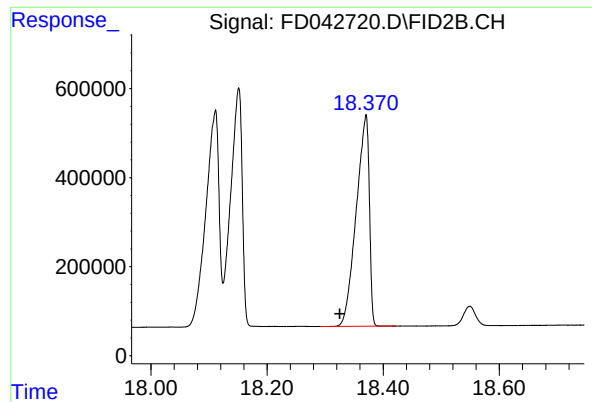
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.110 min
Delta R.T.: 0.039 min
Response: 7777505
Conc: 69.78 ug/ml



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

R.T.: 18.151 min
Delta R.T.: 0.038 min
Response: 7361146
Conc: 66.18 ug/ml m



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

R.T.: 18.369 min
Delta R.T.: 0.044 min
Response: 7406379
Conc: 62.31 ug/ml

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