

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD053122AR\
 Data File : FD042687.D
 Signal(s) : FID2B.CH
 Acq On : 31 May 2022 14:11
 Operator : UA/NP
 Sample : PB144729BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144729BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2022
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: autoint1.e
 Quant Time: Jun 01 02:22:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 19:32:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

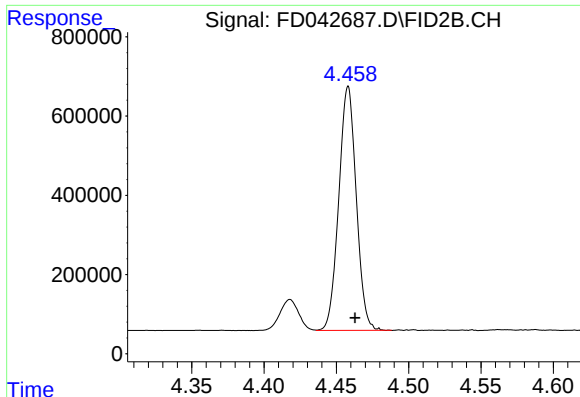
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.665	6600679	43.195 ug/ml
Spiked Amount 50.000		Recovery =	86.39%
6) S 2-Fluorobiphenyl (SURR)	8.530	4375633	42.546 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.09%
11) S ortho-Terphenyl (SURR)	11.580	6920674	38.985 ug/ml
Spiked Amount 50.000		Recovery =	77.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.458	5197572	31.044 ug/ml
2) T Naphthalene (C11.7)	5.999	5983822	34.610 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	6099238	38.247 ug/ml
5) T Acenaphthylene (C15.06)	8.332	6072763	35.149 ug/ml
7) T Acenaphthene (C15.5)	8.630	6503624	37.797 ug/ml
8) T Flouorene (C16.55)	9.412	6604207	39.338 ug/ml
9) T Phenanthrene (C19.36)	10.811	6862680	41.733 ug/ml
10) T Anthracene (C19.43)	10.887	6754759	44.194 ug/ml
12) T Fluoranthene (C21.85)	12.627	6997500	44.415 ug/ml
13) T Pyrene (C20.8)	12.925	6978931	44.826 ug/ml
14) T Benzo[a]anthracene (C...	14.798	6507853	48.809 ug/ml
15) T Chrysene (C27.41)	14.843	7235302	54.764 ug/ml
16) T benzo[b]fluoranthene ...	16.351	6175335	46.356 ug/ml
17) T Bnezo[k]fluoranthene ...	16.387	5991399	48.373 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.729	5419403	43.786 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.096	5554665	49.835 ug/ml
20) T Dibenz[a,h]anthracene...	18.137	5376583	48.335 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.354	5514713	46.398 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.458 min
Delta R.T.: -0.005 min
Response: 5197572
Conc: 31.04 ug/ml

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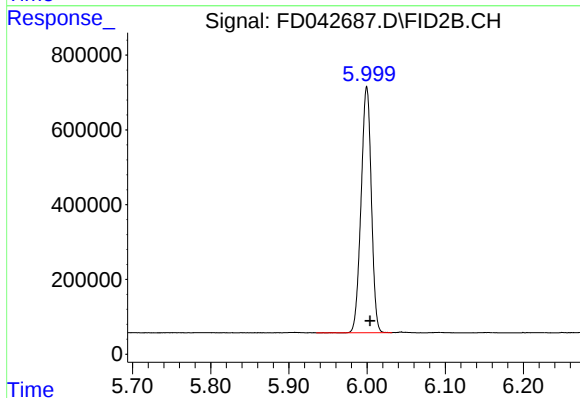
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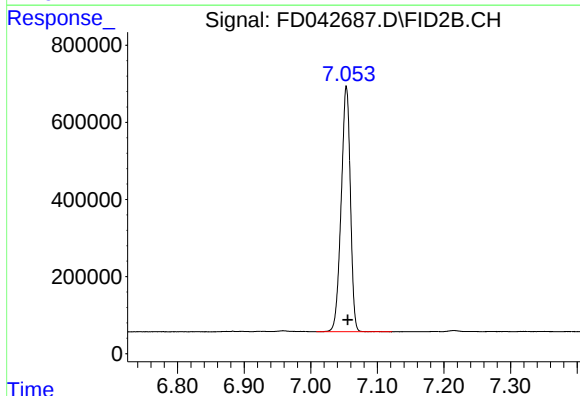
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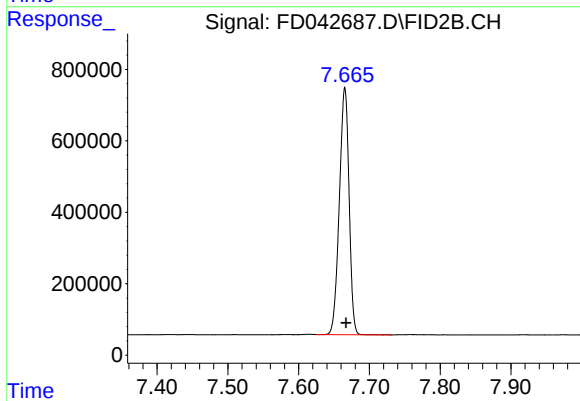
#2 Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.005 min
Response: 5983822
Conc: 34.61 ug/ml



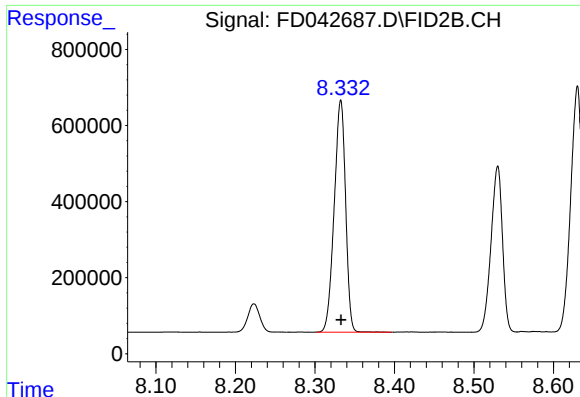
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 6099238
Conc: 38.25 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.665 min
Delta R.T.: -0.002 min
Response: 6600679
Conc: 43.20 ug/ml



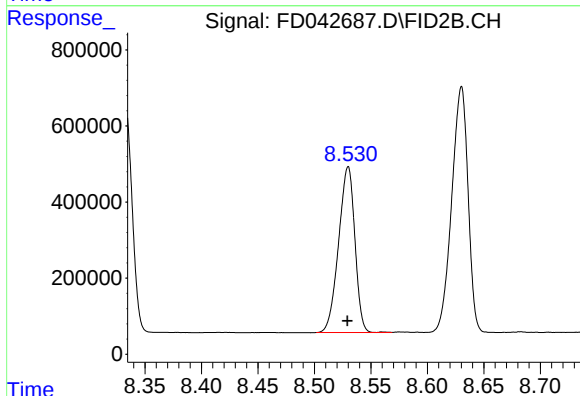
#5 Acenaphthylene (C15.06)

R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 6072763
Conc: 35.15 ug/ml

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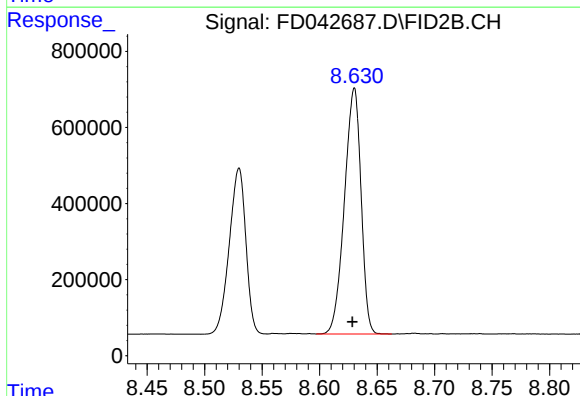
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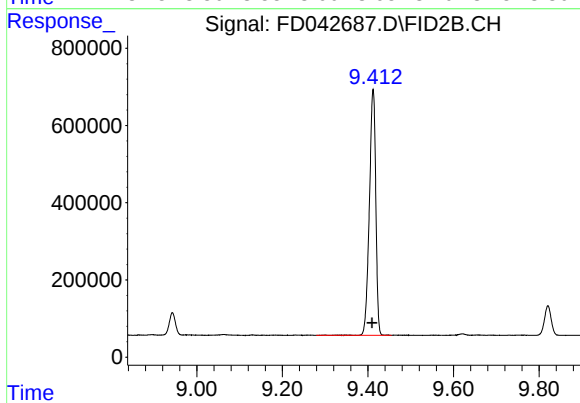
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 4375633
Conc: 42.55 ug/ml



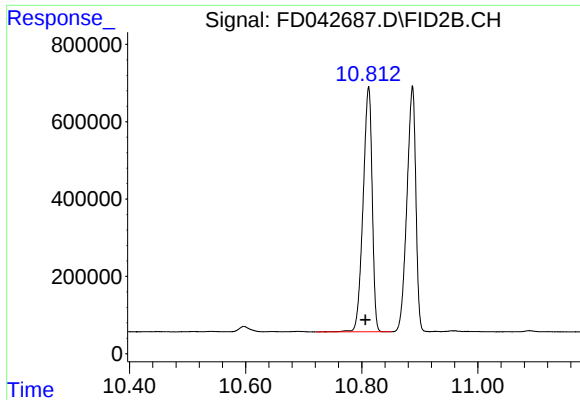
#7 Acenaphthene (C15.5)

R.T.: 8.630 min
Delta R.T.: 0.001 min
Response: 6503624
Conc: 37.80 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.412 min
Delta R.T.: 0.002 min
Response: 6604207
Conc: 39.34 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.811 min
Delta R.T.: 0.005 min
Response: 6862680
Conc: 41.73 ug/ml

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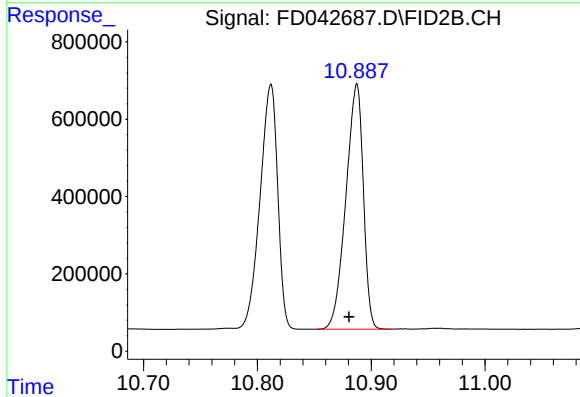
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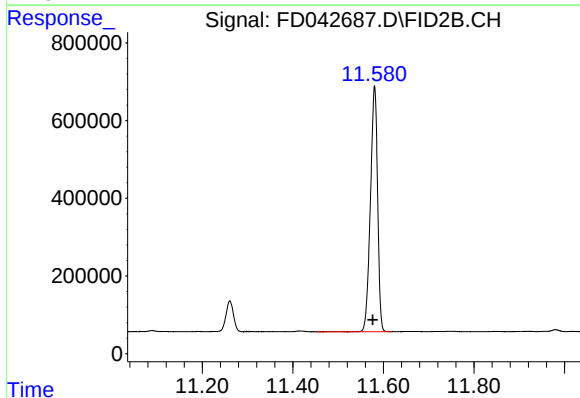
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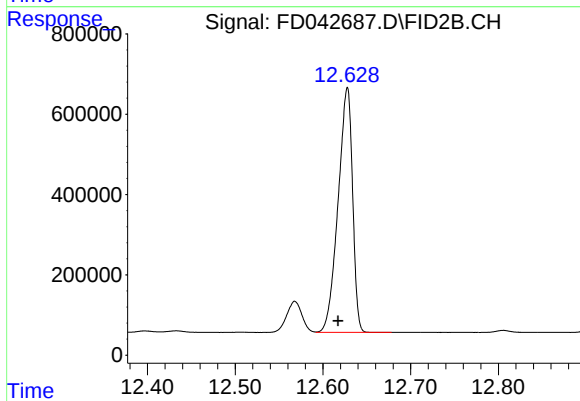
#10 Anthracene (C19.43)

R.T.: 10.887 min
Delta R.T.: 0.006 min
Response: 6754759
Conc: 44.19 ug/ml



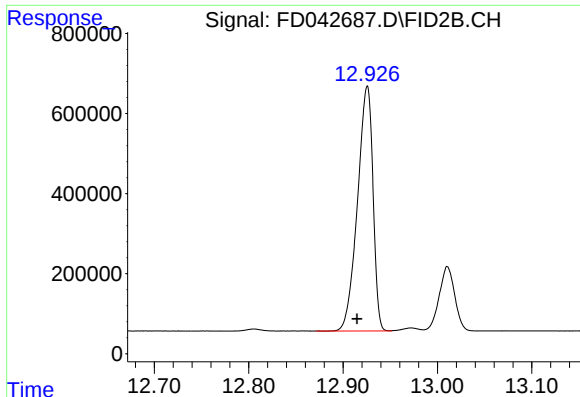
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.004 min
Response: 6920674
Conc: 38.98 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.627 min
Delta R.T.: 0.010 min
Response: 6997500
Conc: 44.42 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.925 min
Delta R.T.: 0.010 min
Response: 6978931
Conc: 44.83 ug/ml

Instrument :

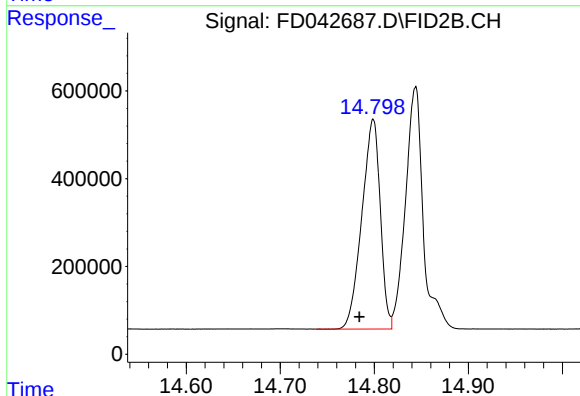
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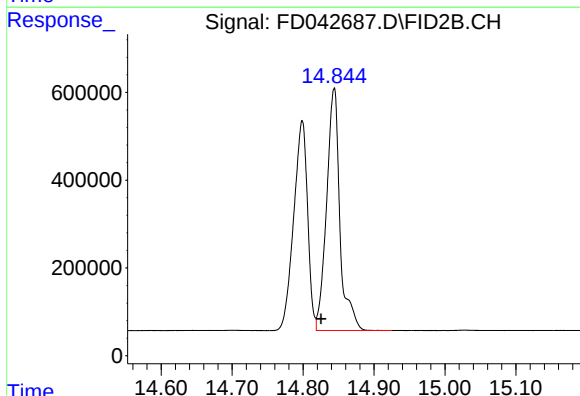
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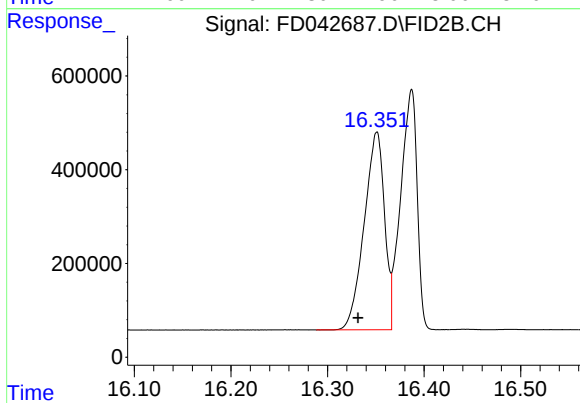
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.798 min
Delta R.T.: 0.014 min
Response: 6507853
Conc: 48.81 ug/ml



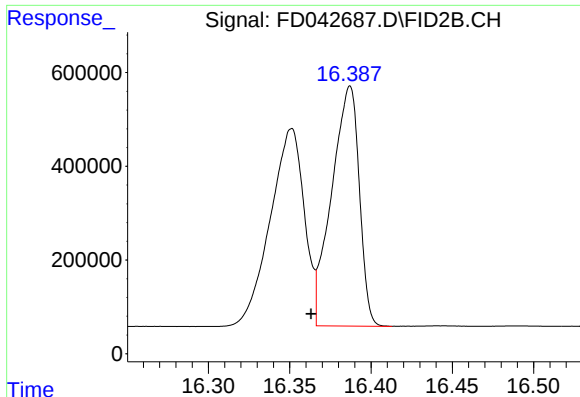
#15 Chrysene (C27.41)

R.T.: 14.843 min
Delta R.T.: 0.018 min
Response: 7235302
Conc: 54.76 ug/ml



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

R.T.: 16.351 min
Delta R.T.: 0.019 min
Response: 6175335
Conc: 46.36 ug/ml



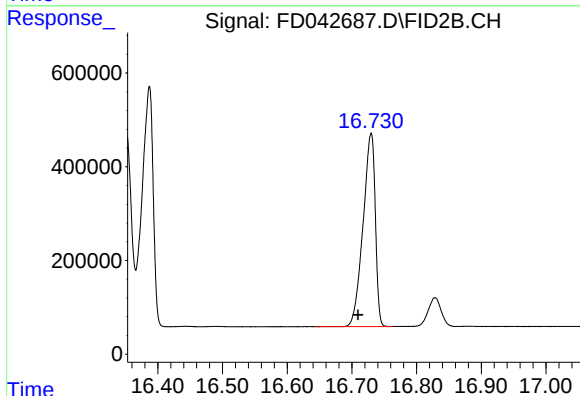
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.387 min
Delta R.T.: 0.024 min
Response: 5991399
Conc: 48.37 ug/ml

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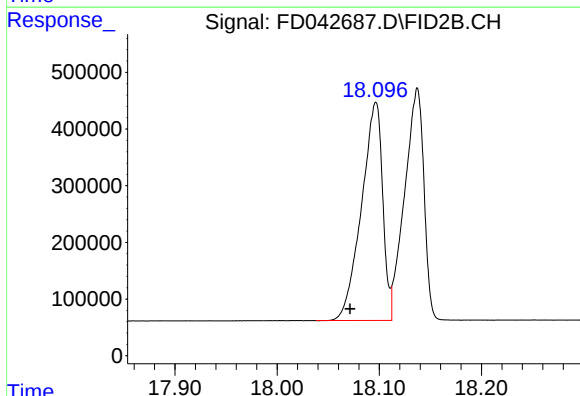
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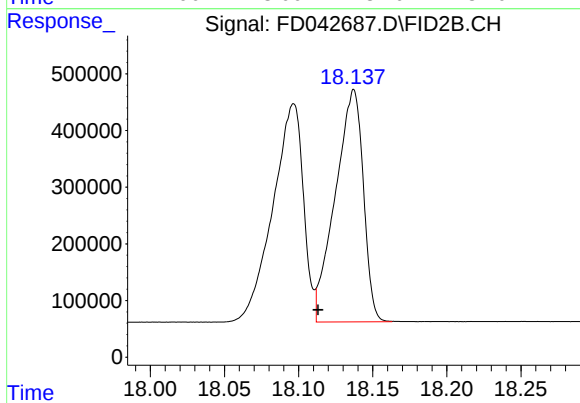
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.729 min
Delta R.T.: 0.019 min
Response: 5419403
Conc: 43.79 ug/ml



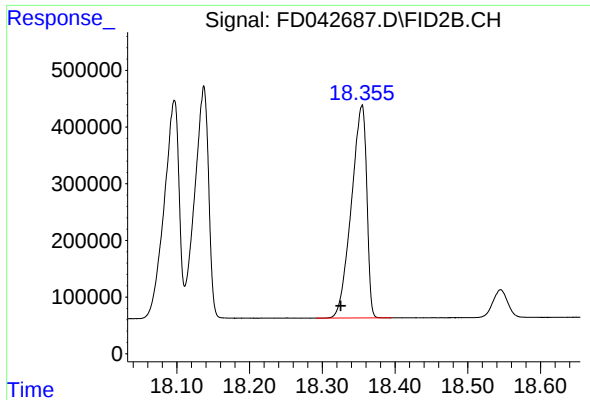
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.096 min
Delta R.T.: 0.024 min
Response: 5554665
Conc: 49.83 ug/ml



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

R.T.: 18.137 min
Delta R.T.: 0.024 min
Response: 5376583
Conc: 48.34 ug/ml m



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

R.T.: 18.354 min
Delta R.T.: 0.029 min
Response: 5514713
Conc: 46.40 ug/ml

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