

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060222AR\
 Data File : FD042762.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2022 10:01
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File: autoint1.e
 Quant Time: Jun 03 10:44:44 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

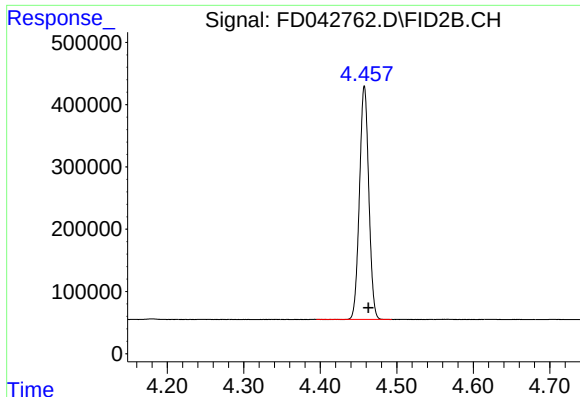
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.665	2838632	18.576 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
6) S 2-Fluorobiphenyl (SURR)	8.530	1882723	18.306 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.61%
11) S ortho-Terphenyl (SURR)	11.580	3095685	17.438 ug/ml
Spiked Amount 50.000		Recovery =	34.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.458	3178083	18.982 ug/ml
2) T Naphthalene (C11.7)	6.000	3254583	18.824 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	2974918	18.655 ug/ml
5) T Acenaphthylene (C15.06)	8.333	3098214	17.932 ug/ml
7) T Acenaphthene (C15.5)	8.629	3109262	18.070 ug/ml
8) T Flouorene (C16.55)	9.412	3031867	18.059 ug/ml
9) T Phenanthrene (C19.36)	10.812	2897765	17.622 ug/ml
10) T Anthracene (C19.43)	10.886	2604250	17.039 ug/ml
12) T Fluoranthene (C21.85)	12.627	2689555	17.072 ug/ml
13) T Pyrene (C20.8)	12.925	2630774	16.898 ug/ml
14) T Benzo[a]anthracene (C...	14.799	2464040	18.480 ug/ml
15) T Chrysene (C27.41)	14.841	2556073	19.347 ug/ml
16) T benzo[b]fluoranthene ...	16.352	2597721	19.500 ug/ml
17) T Bnezo[k]fluoranthene ...	16.383	2492631	20.125 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.730	2420638	19.557 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.096	2270491	20.370 ug/ml
20) T Dibenz[a,h]anthracene...	18.137	2596824	23.345 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.352	2430590	20.450 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



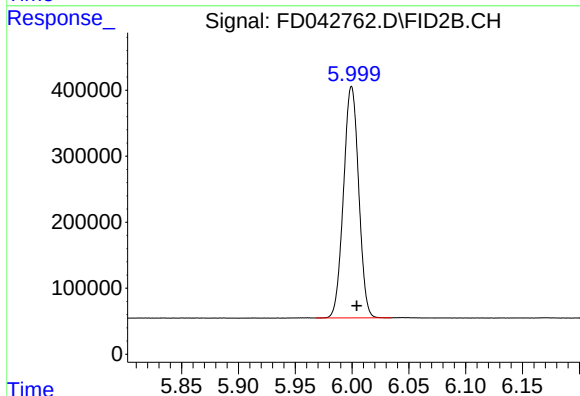
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.458 min
Delta R.T.: -0.005 min
Response: 3178083
Conc: 18.98 ug/ml

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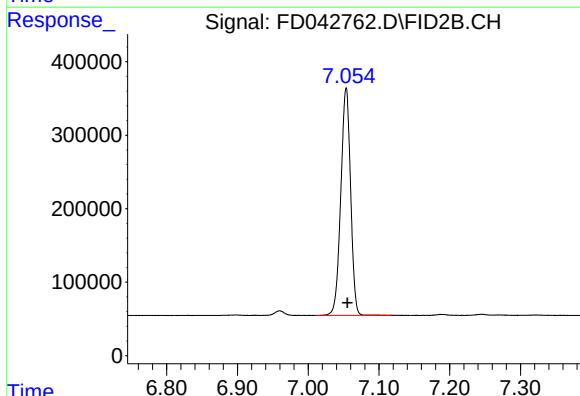
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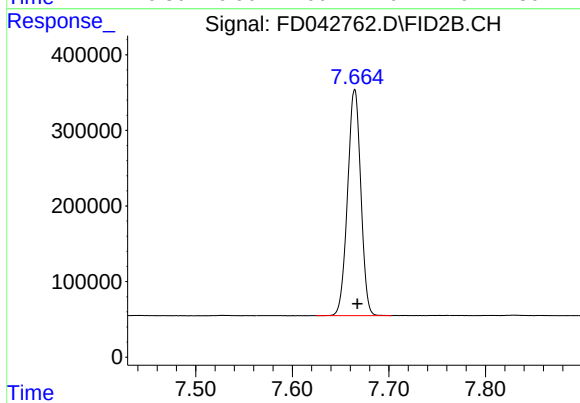
#2 Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.004 min
Response: 3254583
Conc: 18.82 ug/ml



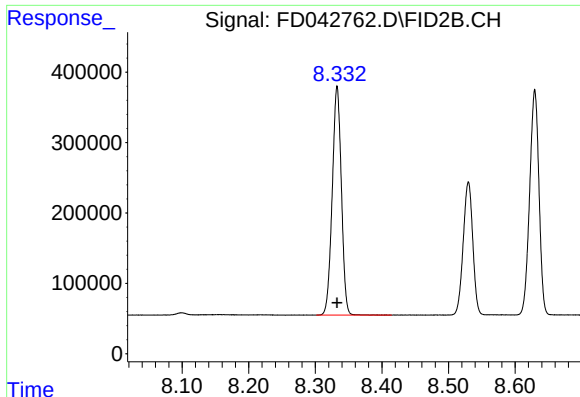
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 2974918
Conc: 18.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.665 min
Delta R.T.: -0.003 min
Response: 2838632
Conc: 18.58 ug/ml



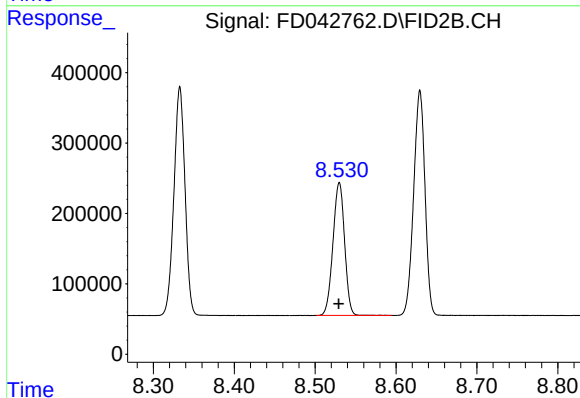
#5 Acenaphthylene (C15.06)

R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 3098214
Conc: 17.93 ug/ml

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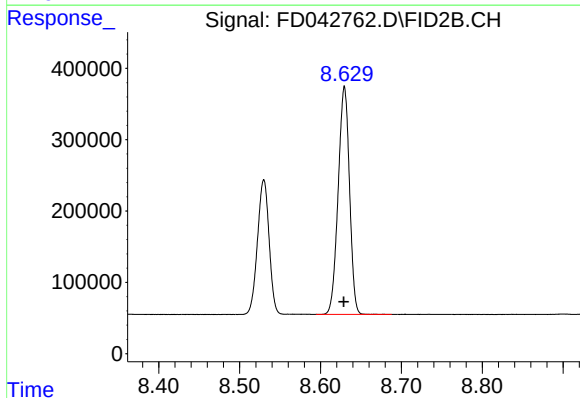
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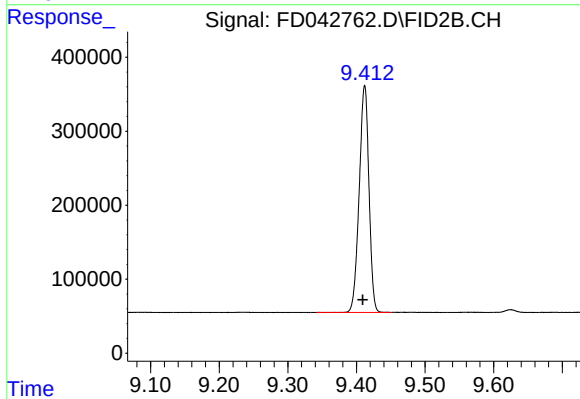
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 1882723
Conc: 18.31 ug/ml



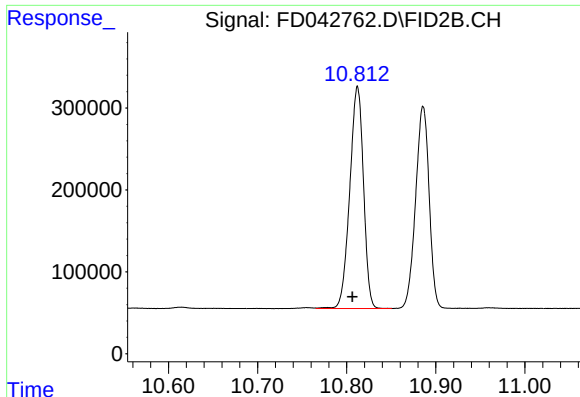
#7 Acenaphthene (C15.5)

R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 3109262
Conc: 18.07 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.412 min
Delta R.T.: 0.002 min
Response: 3031867
Conc: 18.06 ug/ml



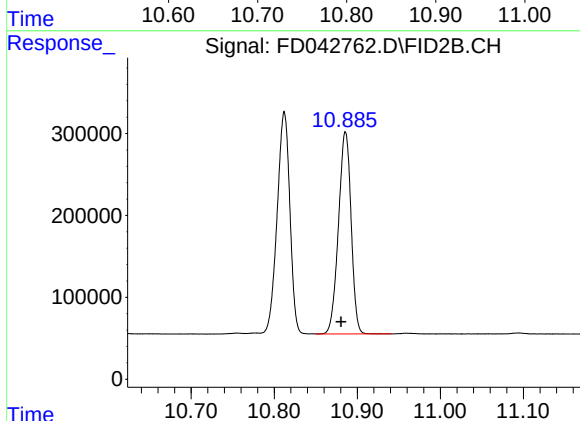
#9 Phenanthrene (C19.36)

R.T.: 10.812 min
Delta R.T.: 0.005 min
Response: 2897765
Conc: 17.62 ug/ml

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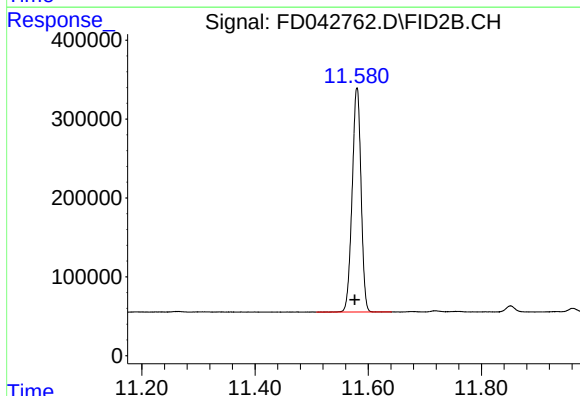
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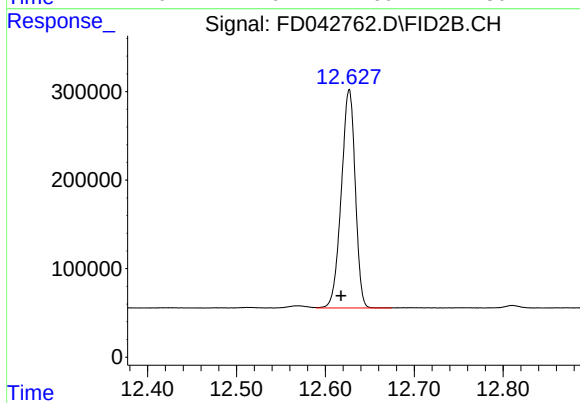
#10 Anthracene (C19.43)

R.T.: 10.886 min
Delta R.T.: 0.005 min
Response: 2604250
Conc: 17.04 ug/ml



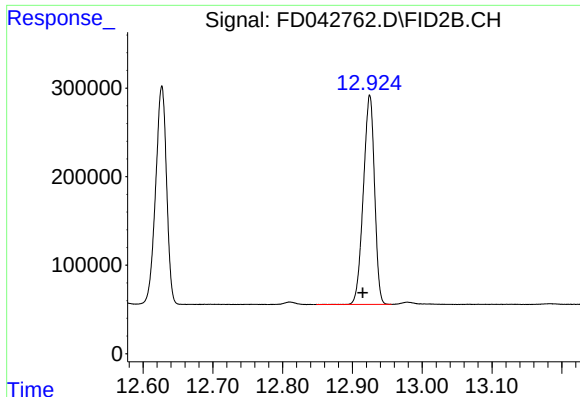
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.004 min
Response: 3095685
Conc: 17.44 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.627 min
Delta R.T.: 0.009 min
Response: 2689555
Conc: 17.07 ug/ml



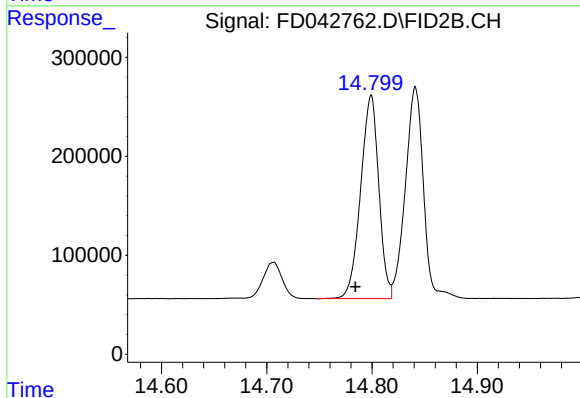
#13 Pyrene (C20.8)

R.T.: 12.925 min
Delta R.T.: 0.010 min
Response: 2630774
Conc: 16.90 ug/ml

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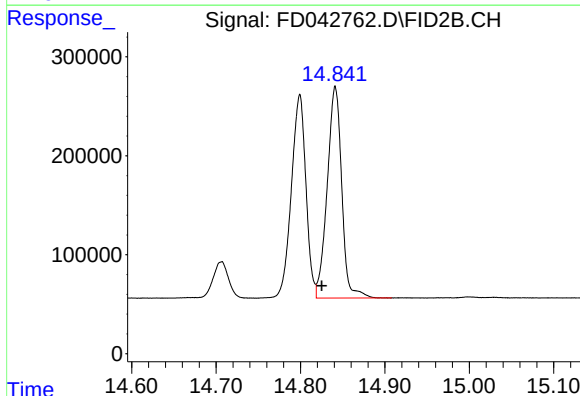
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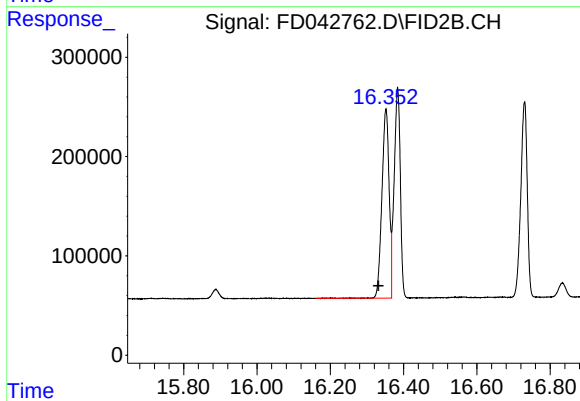
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.799 min
Delta R.T.: 0.014 min
Response: 2464040
Conc: 18.48 ug/ml



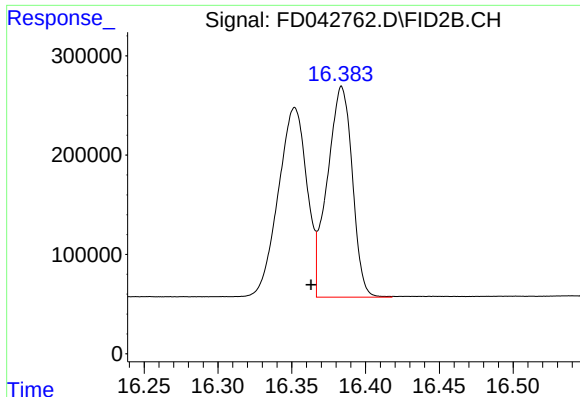
#15 Chrysene (C27.41)

R.T.: 14.841 min
Delta R.T.: 0.016 min
Response: 2556073
Conc: 19.35 ug/ml



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

R.T.: 16.352 min
Delta R.T.: 0.020 min
Response: 2597721
Conc: 19.50 ug/ml



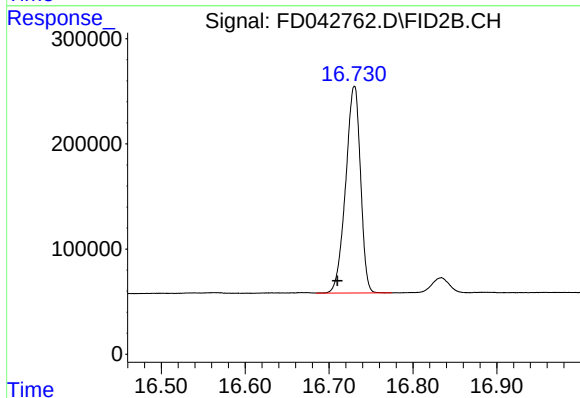
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.383 min
Delta R.T.: 0.020 min
Response: 2492631
Conc: 20.13 ug/ml

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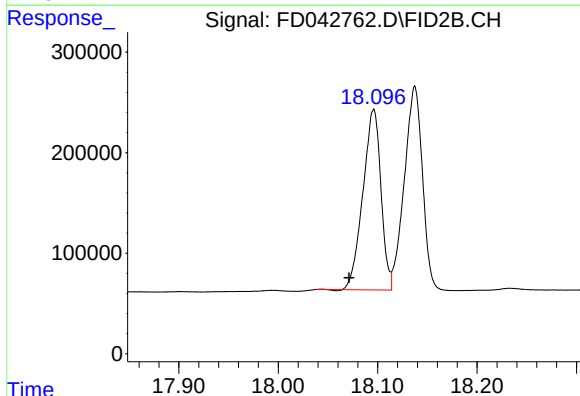
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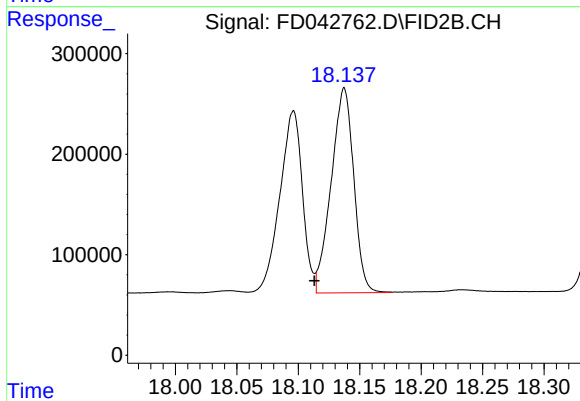
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.730 min
Delta R.T.: 0.020 min
Response: 2420638
Conc: 19.56 ug/ml



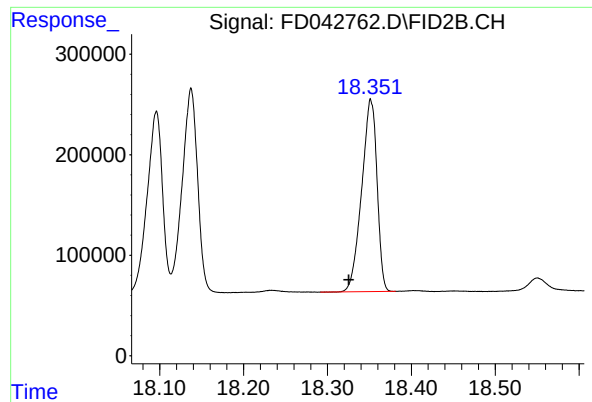
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.096 min
Delta R.T.: 0.024 min
Response: 2270491
Conc: 20.37 ug/ml



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

R.T.: 18.137 min
Delta R.T.: 0.024 min
Response: 2596824
Conc: 23.35 ug/ml m



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

R.T.: 18.352 min
Delta R.T.: 0.026 min
Response: 2430590
Conc: 20.45 ug/ml

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