

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060322AR\
 Data File : FD042764.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2022 11:22
 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 06/06/2022
 Supervised By :Ankita Jodhani 06/06/2022

Integration File: autoint1.e
 Quant Time: Jun 03 23:50:17 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

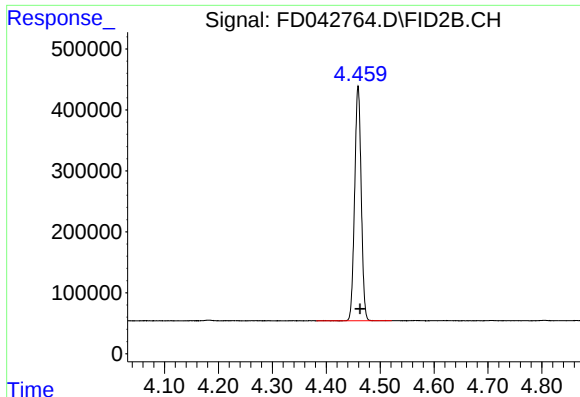
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.666	2924440	19.138 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
6) S 2-Fluorobiphenyl (SURR)	8.531	1955517	19.014 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.03%
11) S ortho-Terphenyl (SURR)	11.580	3229529	18.192 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.459	3256183	19.448 ug/ml
2) T Naphthalene (C11.7)	6.001	3365681	19.467 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	3063982	19.214 ug/ml
5) T Acenaphthylene (C15.06)	8.334	3200754	18.526 ug/ml
7) T Acenaphthene (C15.5)	8.631	3219124	18.709 ug/ml
8) T Flouorene (C16.55)	9.412	3148647	18.755 ug/ml
9) T Phenanthrene (C19.36)	10.812	3009217	18.300 ug/ml
10) T Anthracene (C19.43)	10.886	2697732	17.650 ug/ml
12) T Fluoranthene (C21.85)	12.627	2768353	17.572 ug/ml
13) T Pyrene (C20.8)	12.925	2696426	17.319 ug/ml
14) T Benzo[a]anthracene (C...	14.798	2486223	18.647 ug/ml
15) T Chrysene (C27.41)	14.840	2583656	19.556 ug/ml
16) T benzo[b]fluoranthene ...	16.351	2590902	19.449 ug/ml
17) T Bnezo[k]fluoranthene ...	16.384	2451638	19.794 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.729	2417145	19.529 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.095	2301763	20.651 ug/mlm
20) T Dibenz[a,h]anthracene...	18.137	2589907	23.283 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.351	2428373	20.431 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



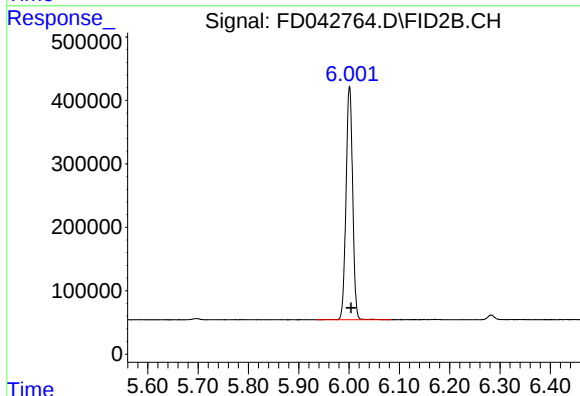
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.459 min
Delta R.T.: -0.004 min
Response: 3256183
Conc: 19.45 ug/ml

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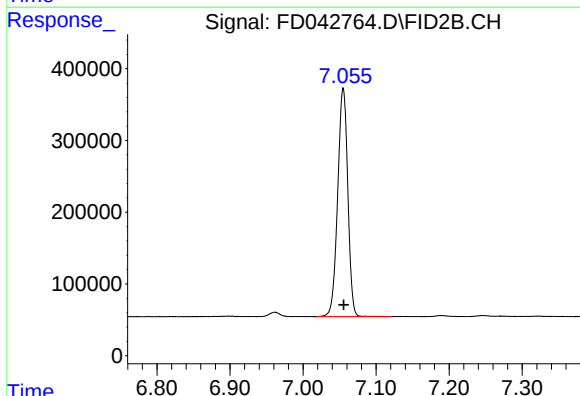
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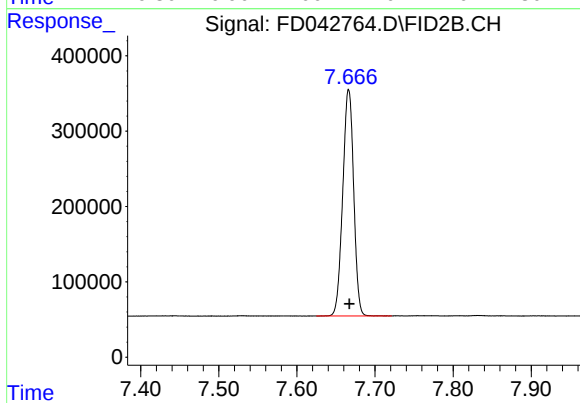
#2 Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 3365681
Conc: 19.47 ug/ml



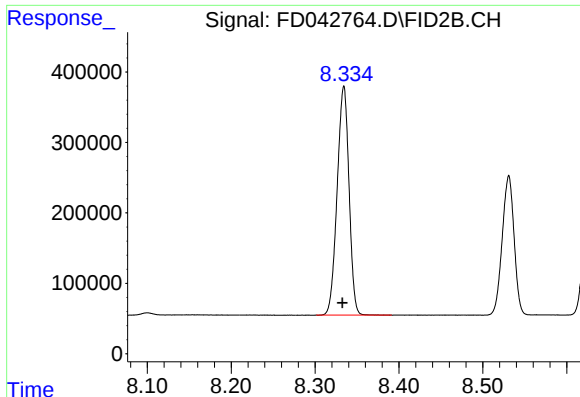
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 3063982
Conc: 19.21 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min
Delta R.T.: -0.001 min
Response: 2924440
Conc: 19.14 ug/ml



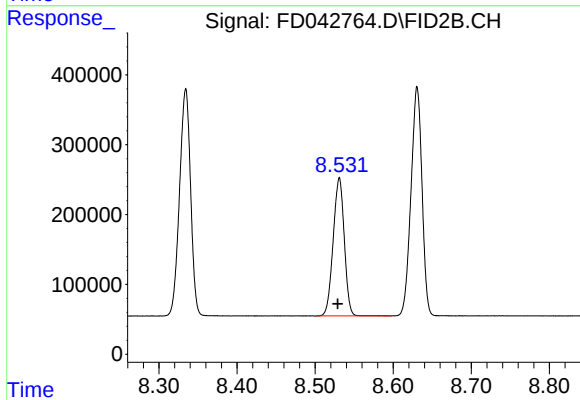
#5 Acenaphthylene (C15.06)

R.T.: 8.334 min
Delta R.T.: 0.001 min
Response: 3200754
Conc: 18.53 ug/ml

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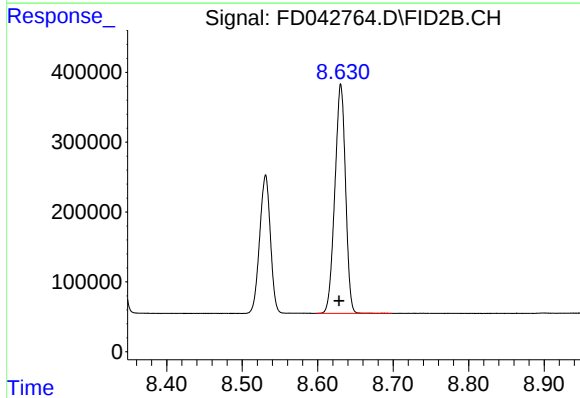
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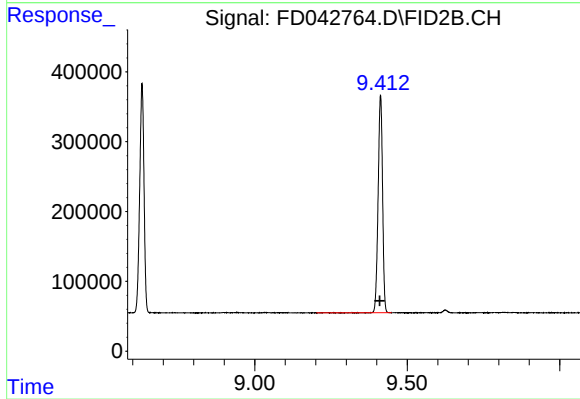
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.531 min
Delta R.T.: 0.002 min
Response: 1955517
Conc: 19.01 ug/ml



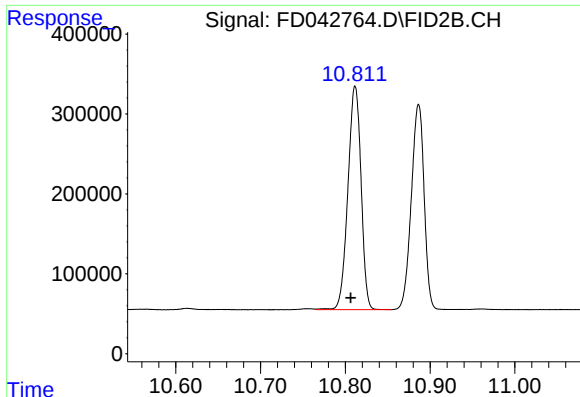
#7 Acenaphthene (C15.5)

R.T.: 8.631 min
Delta R.T.: 0.002 min
Response: 3219124
Conc: 18.71 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.412 min
Delta R.T.: 0.003 min
Response: 3148647
Conc: 18.76 ug/ml



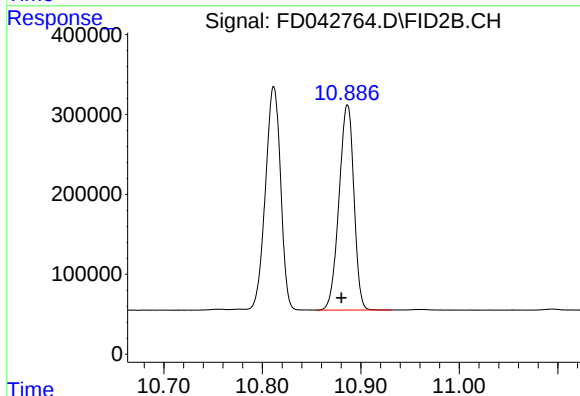
#9 Phenanthrene (C19.36)

R.T.: 10.812 min
Delta R.T.: 0.005 min
Response: 3009217
Conc: 18.30 ug/ml

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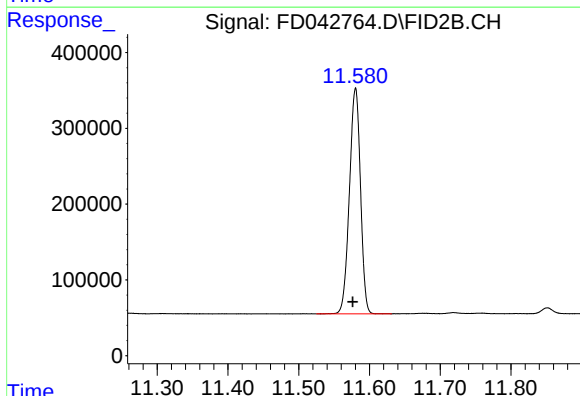
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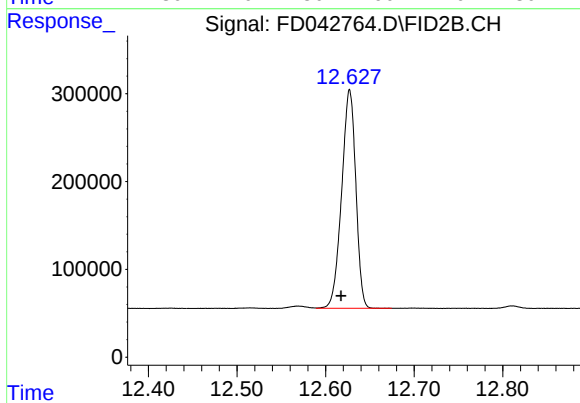
#10 Anthracene (C19.43)

R.T.: 10.886 min
Delta R.T.: 0.006 min
Response: 2697732
Conc: 17.65 ug/ml



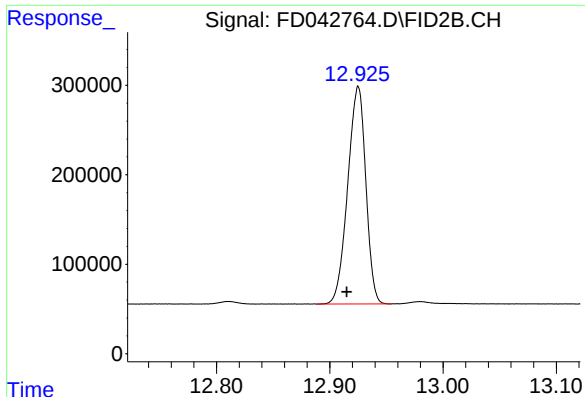
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.004 min
Response: 3229529
Conc: 18.19 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.627 min
Delta R.T.: 0.010 min
Response: 2768353
Conc: 17.57 ug/ml



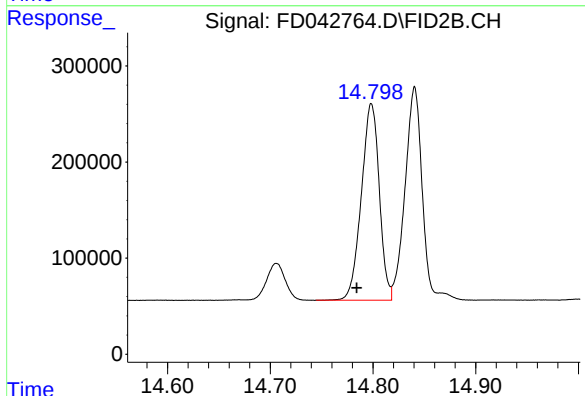
#13 Pyrene (C20.8)

R.T.: 12.925 min
Delta R.T.: 0.010 min
Response: 2696426
Conc: 17.32 ug/ml

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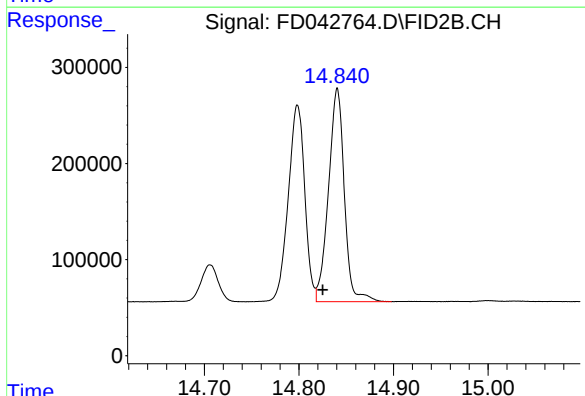
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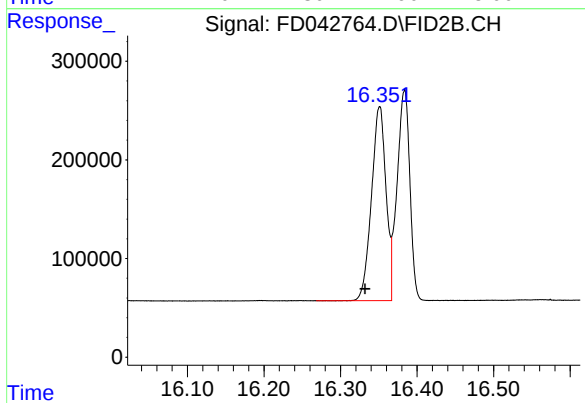
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.798 min
Delta R.T.: 0.014 min
Response: 2486223
Conc: 18.65 ug/ml



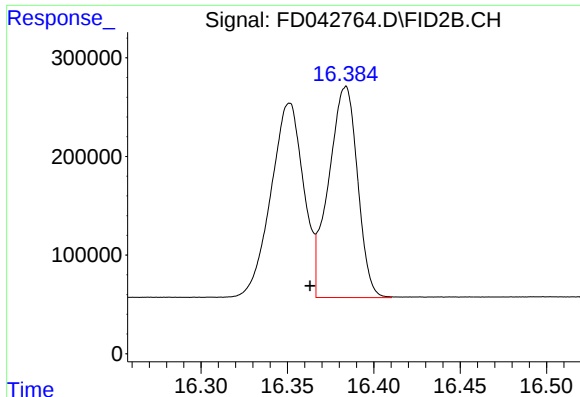
#15 Chrysene (C27.41)

R.T.: 14.840 min
Delta R.T.: 0.015 min
Response: 2583656
Conc: 19.56 ug/ml



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

R.T.: 16.351 min
Delta R.T.: 0.019 min
Response: 2590902
Conc: 19.45 ug/ml



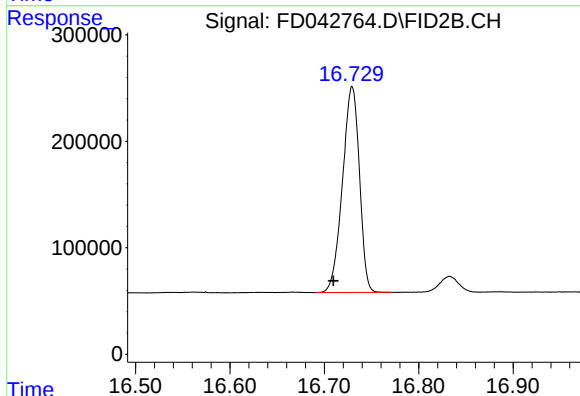
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.384 min
Delta R.T.: 0.021 min
Response: 2451638
Conc: 19.79 ug/ml

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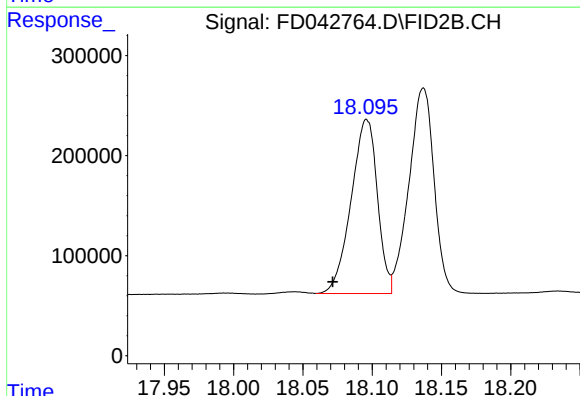
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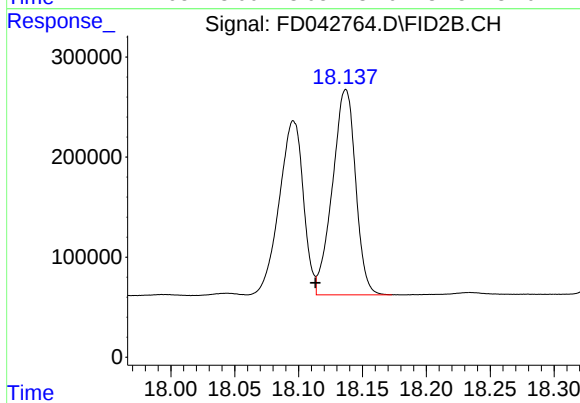
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.729 min
Delta R.T.: 0.020 min
Response: 2417145
Conc: 19.53 ug/ml



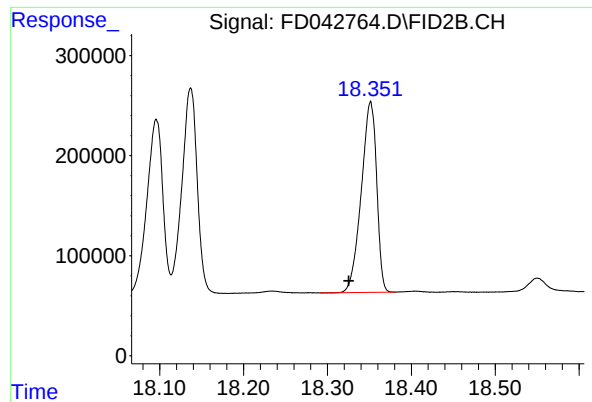
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.095 min
Delta R.T.: 0.024 min
Response: 2301763
Conc: 20.65 ug/ml m



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

R.T.: 18.137 min
Delta R.T.: 0.024 min
Response: 2589907
Conc: 23.28 ug/ml m



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

R.T.: 18.351 min
Delta R.T.: 0.026 min
Response: 2428373
Conc: 20.43 ug/ml

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