

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043070.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 00:02
 Operator : YP/AJ
 Sample : N3455-07MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SP-EXC-2-2-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 02:53:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

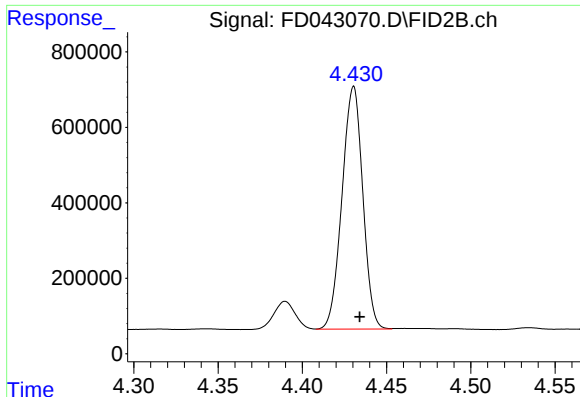
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.635	8527281	55.225 ug/ml
Spiked Amount 50.000		Recovery =	110.45%
6) S 2-Fluorobiphenyl (SURR)	8.499	5574351	52.850 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.70%
11) S ortho-Terphenyl (SURR)	11.542	7308549	40.212 ug/ml
Spiked Amount 50.000		Recovery =	80.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.430	5515430	32.840 ug/mlm
2) T Naphthalene (C11.7)	5.969	6694965	38.241 ug/ml
3) T 2-Methylnaphthalene (...)	7.023	7175795	44.613 ug/ml
5) T Acenaphthylene (C15.06)	8.301	7313730	41.147 ug/ml
7) T Acenaphthene (C15.5)	8.599	7745396	44.231 ug/ml
8) T Flouorene (C16.55)	9.380	7967709	45.966 ug/ml
9) T Phenanthrene (C19.36)	10.778	8082073	47.123 ug/ml
10) T Anthracene (C19.43)	10.854	7883773	46.404 ug/ml
12) T Fluoranthene (C21.85)	12.592	7848611	46.797 ug/ml
13) T Pyrene (C20.8)	12.891	7771314	47.686 ug/mlm
14) T Benzo[a]anthracene (C...	14.764	7197733	46.348 ug/ml
15) T Chrysene (C27.41)	14.808	8072010	51.144 ug/ml
16) T benzo[b]fluoranthene ...	16.319	7107140	46.624 ug/ml
17) T Bnezo[k]fluoranthene ...	16.352	6113480	41.770 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.697	6056299	42.342 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.066	6489420	51.859 ug/ml
20) T Dibenz[a,h]anthracene...	18.104	5741816	42.710 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.323	5682410	43.567 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.430 min
Delta R.T.: -0.004 min
Response: 5515430
Conc: 32.84 ug/ml

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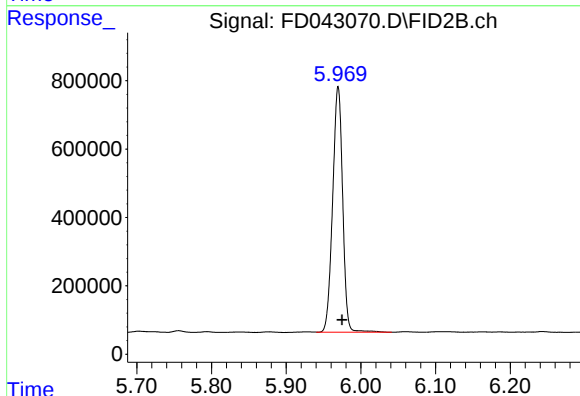
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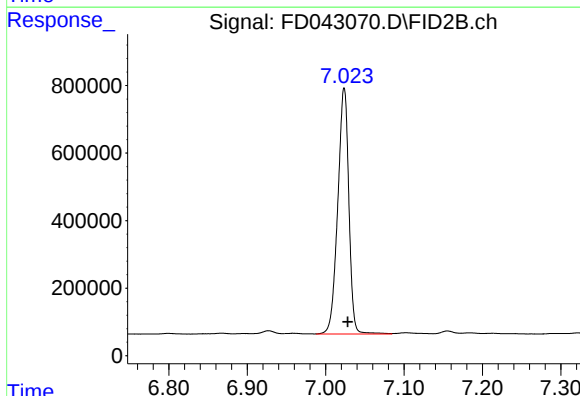
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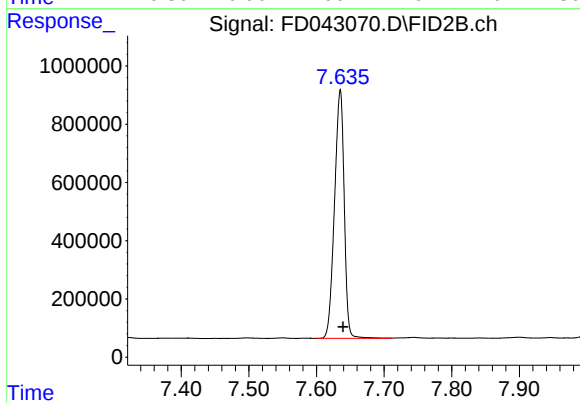
#2 Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.006 min
Response: 6694965
Conc: 38.24 ug/ml



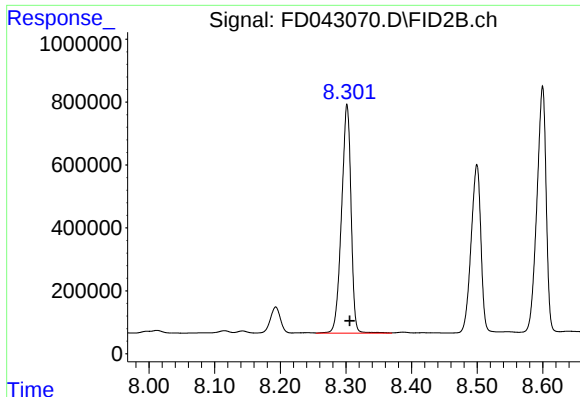
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: -0.005 min
Response: 7175795
Conc: 44.61 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.635 min
Delta R.T.: -0.005 min
Response: 8527281
Conc: 55.23 ug/ml



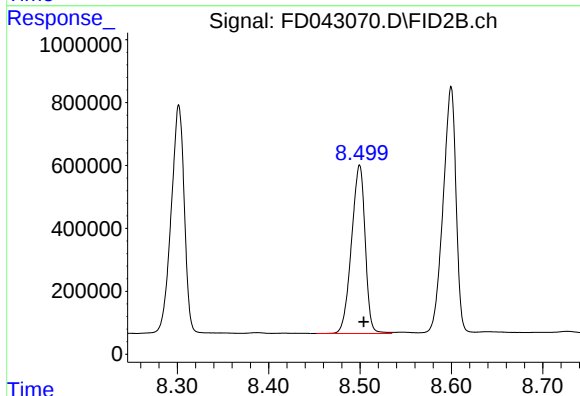
#5 Acenaphthylene (C15.06)

R.T.: 8.301 min
Delta R.T.: -0.004 min
Response: 7313730
Conc: 41.15 ug/ml

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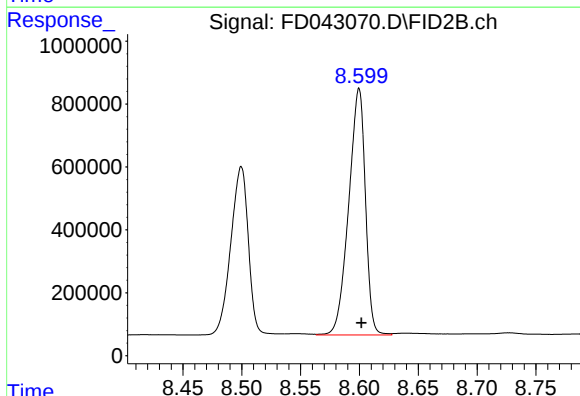
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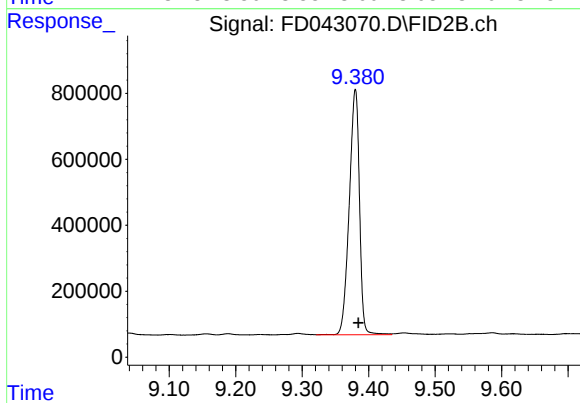
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.499 min
Delta R.T.: -0.005 min
Response: 5574351
Conc: 52.85 ug/ml



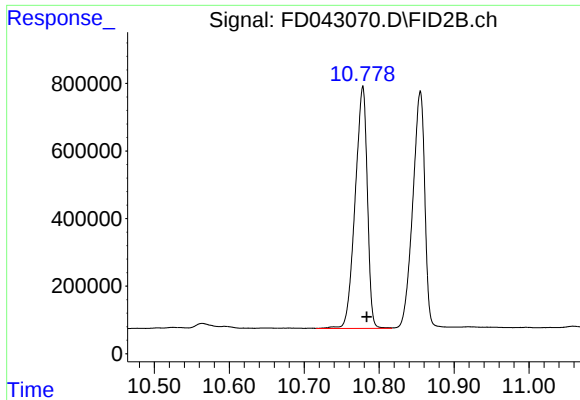
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 7745396
Conc: 44.23 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.380 min
Delta R.T.: -0.005 min
Response: 7967709
Conc: 45.97 ug/ml



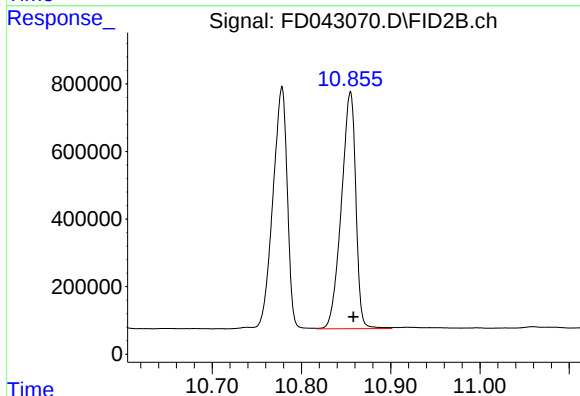
#9 Phenanthrene (C19.36)

R.T.: 10.778 min
Delta R.T.: -0.006 min
Response: 8082073
Conc: 47.12 ug/ml

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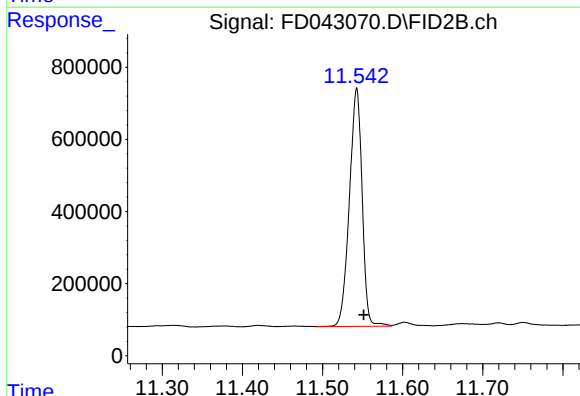
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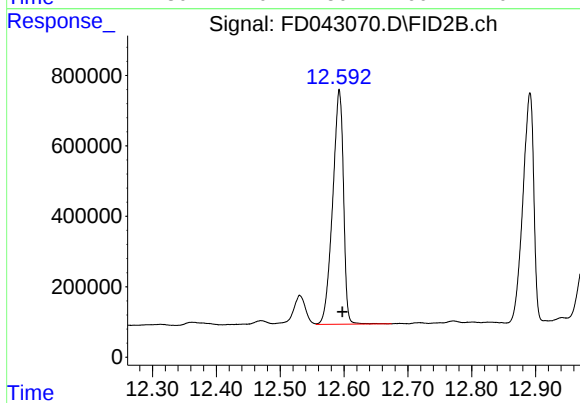
#10 Anthracene (C19.43)

R.T.: 10.854 min
Delta R.T.: -0.004 min
Response: 7883773
Conc: 46.40 ug/ml



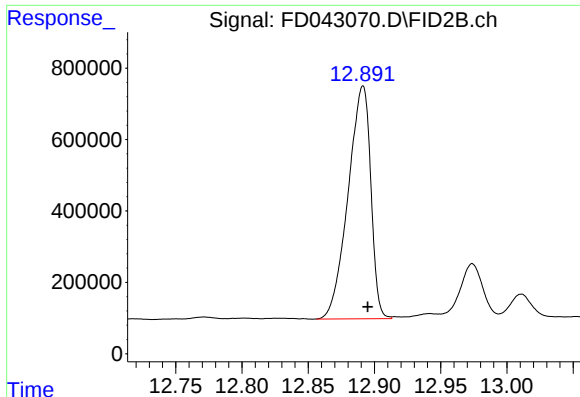
#11 ortho-Terphenyl (SURR)

R.T.: 11.542 min
Delta R.T.: -0.009 min
Response: 7308549
Conc: 40.21 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.592 min
Delta R.T.: -0.005 min
Response: 7848611
Conc: 46.80 ug/ml



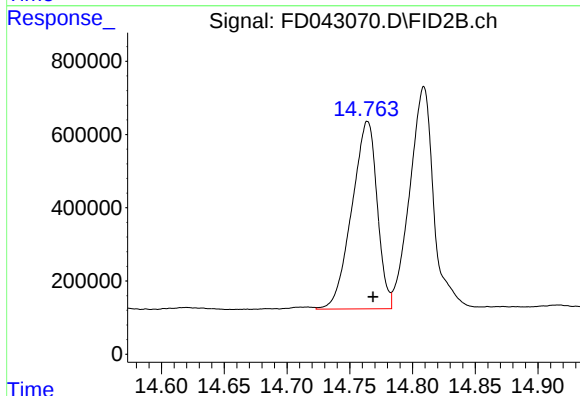
#13 Pyrene (C20.8)

R.T.: 12.891 min
Delta R.T.: -0.004 min
Response: 7771314
Conc: 47.69 ug/ml

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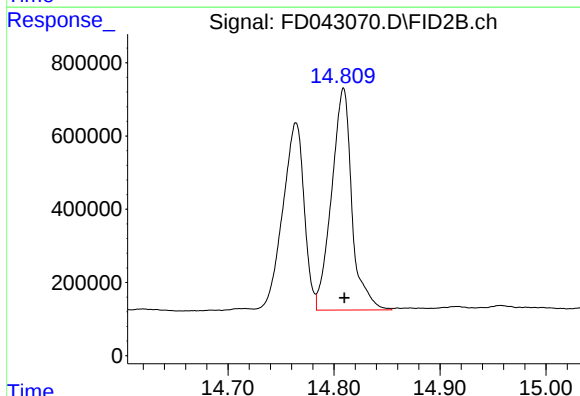
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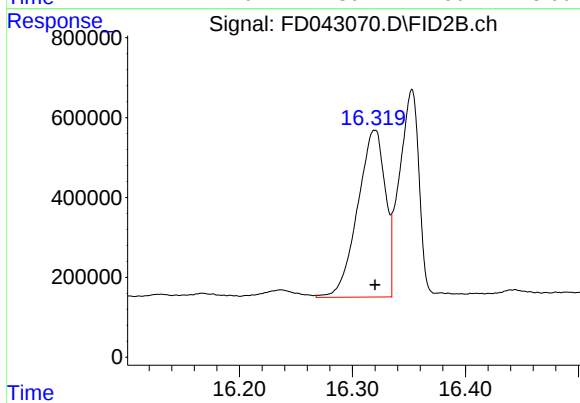
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.764 min
Delta R.T.: -0.005 min
Response: 7197733
Conc: 46.35 ug/ml



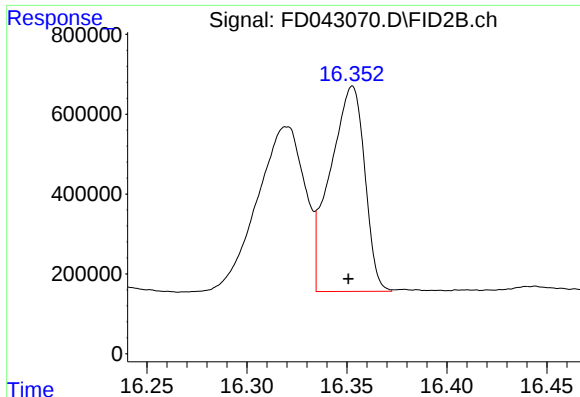
#15 Chrysene (C27.41)

R.T.: 14.808 min
Delta R.T.: -0.001 min
Response: 8072010
Conc: 51.14 ug/ml



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

R.T.: 16.319 min
Delta R.T.: 0.000 min
Response: 7107140
Conc: 46.62 ug/ml



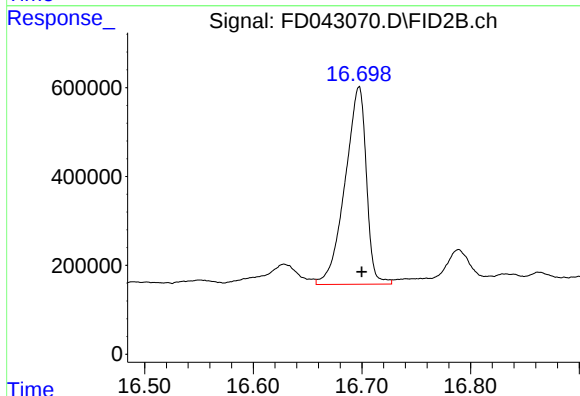
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.352 min
Delta R.T.: 0.002 min
Response: 6113480
Conc: 41.77 ug/ml

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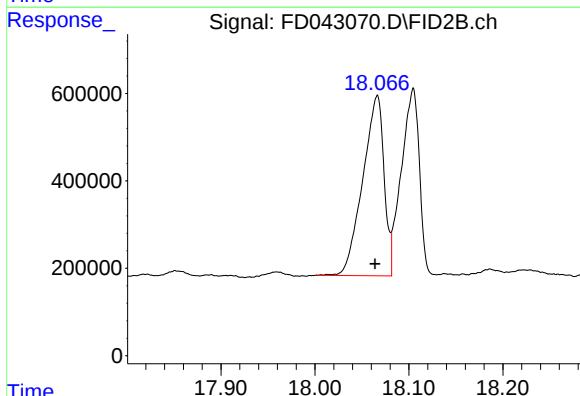
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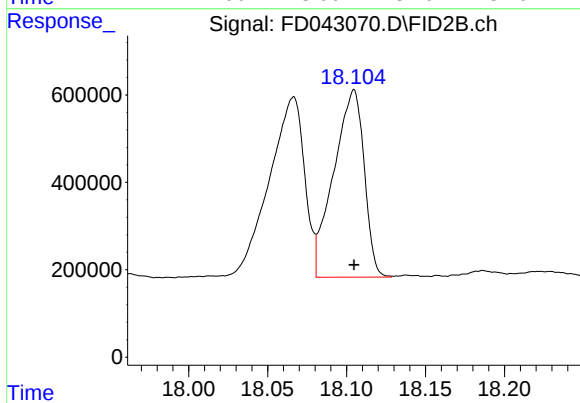
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.697 min
Delta R.T.: -0.003 min
Response: 6056299
Conc: 42.34 ug/ml



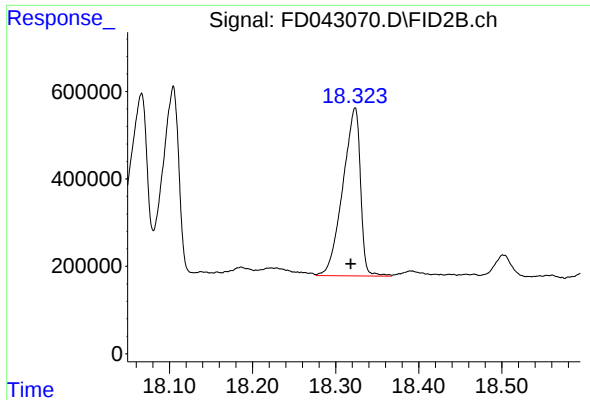
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.066 min
Delta R.T.: 0.001 min
Response: 6489420
Conc: 51.86 ug/ml



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

R.T.: 18.104 min
Delta R.T.: 0.000 min
Response: 5741816
Conc: 42.71 ug/ml m



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

R.T.: 18.323 min
Delta R.T.: 0.004 min
Response: 5682410
Conc: 43.57 ug/ml

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