

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052121AR\
 Data File : FD037574.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2021 19:21
 Operator : DD\AJ
 Sample : M2479-03MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 GROUND-MATERIAL-1-17-DMSD

Integration File: autoint1.e
 Quant Time: May 22 00:04:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 2021
 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

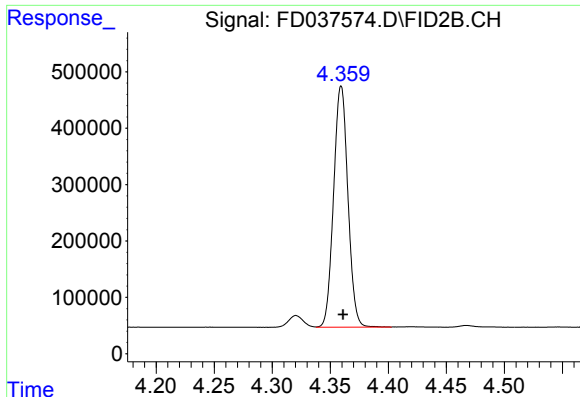
Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.559	5612687	55.805 ug/ml
Spiked Amount 50.000		Recovery =	111.61%
6) S 2-Fluorobiphenyl (SURR)	8.419	3042023	45.009 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.02%
11) S ortho-Terphenyl (SURR)	11.459	5620910	47.186 ug/ml
Spiked Amount 50.000		Recovery =	94.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	3669711	35.118 ug/ml
2) T Naphthalene (C11.7)	5.896	4515922	40.467 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	4853520	43.230 ug/ml
5) T Acenaphthylene (C15.06)	8.223	5451890	49.717 ug/ml
7) T Acenaphthene (C15.5)	8.519	5446728	47.884 ug/ml
8) T Flouorene (C16.55)	9.299	5660341	51.075 ug/ml
9) T Phenanthrene (C19.36)	10.695	5819259	51.757 ug/ml
10) T Anthracene (C19.43)	10.770	5752001	52.300 ug/ml
12) T Fluoranthene (C21.85)	12.507	5847066	50.382 ug/ml
13) T Pyrene (C20.8)	12.803	5848004	50.620 ug/ml
14) T Benzo[a]anthracene (C...	14.674	5484959	49.784 ug/ml
15) T Chrysene (C27.41)	14.719	5846735	50.751 ug/ml
16) T benzo[b]fluoranthene ...	16.224	5600820	49.522 ug/ml
17) T Bnezo[k]fluoranthene ...	16.260	5515992	49.752 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.604	5504721	52.555 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.969	5227499	48.118 ug/ml
20) T Dibenz[a,h]anthracene...	18.008	5291396	48.335 ug/ml
21) T Benzo[g,h,i]perylene ...	18.228	5194748	47.533 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

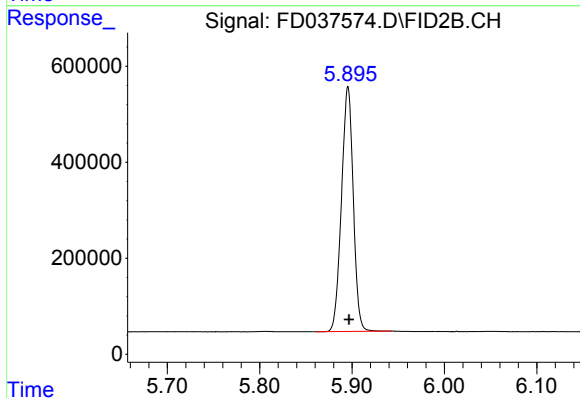
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052121AR\
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#1 1,2,3-Trimethylbenzene (C10.1)

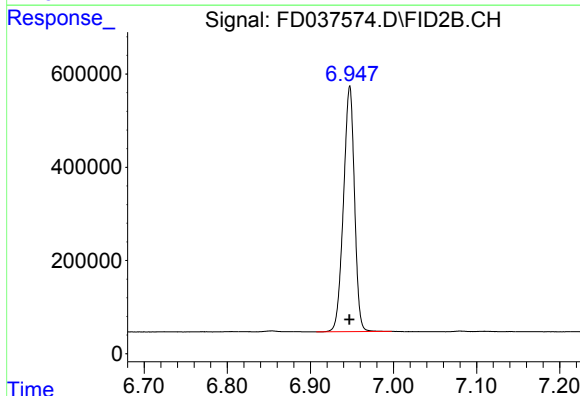
R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 3669711
Conc: 35.12 ug/ml

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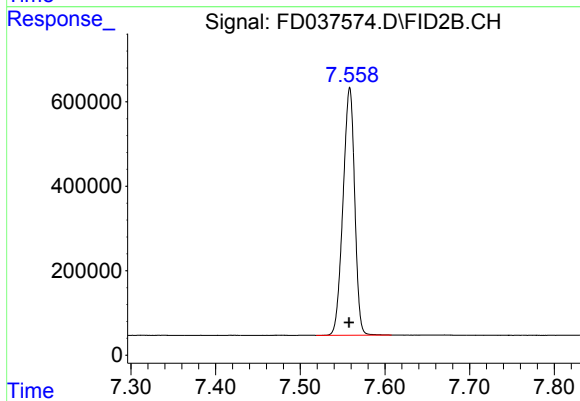
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 4515922
Conc: 40.47 ug/ml



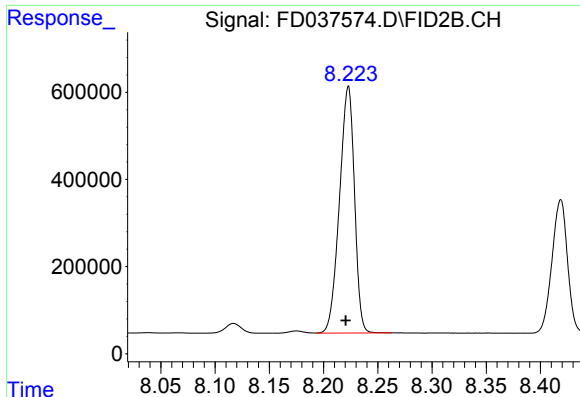
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 4853520
Conc: 43.23 ug/ml



#4 2-Bromonaphthalene (SURR)

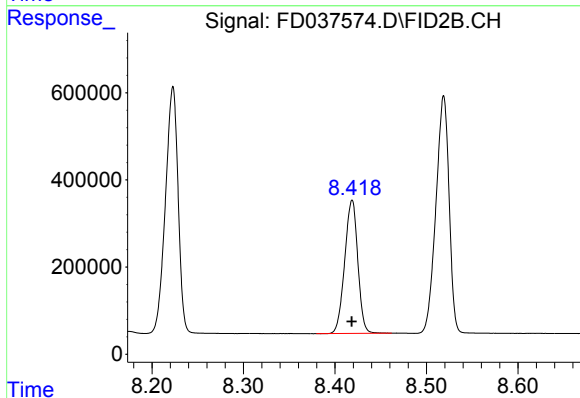
R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 5612687
Conc: 55.80 ug/ml



#5 Acenaphthylene (C15.06)

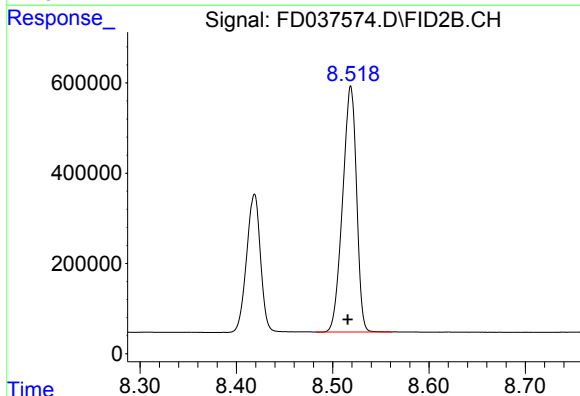
R.T.: 8.223 min
Delta R.T.: 0.003 min
Response: 5451890
Conc: 49.72 ug/ml

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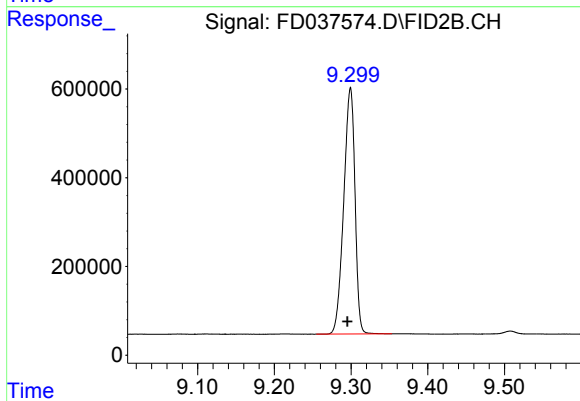
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 3042023
Conc: 45.01 ug/ml



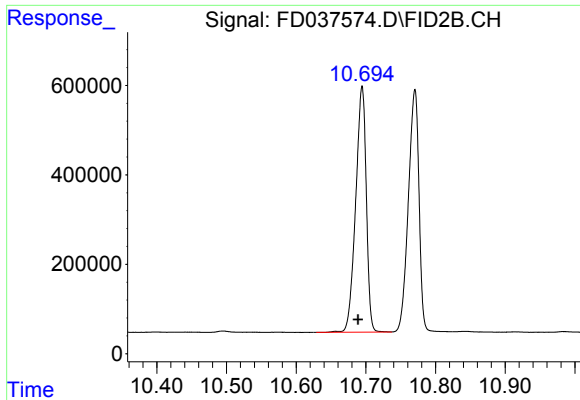
#7 Acenaphthene (C15.5)

R.T.: 8.519 min
Delta R.T.: 0.003 min
Response: 5446728
Conc: 47.88 ug/ml



#8 Flouorene (C16.55)

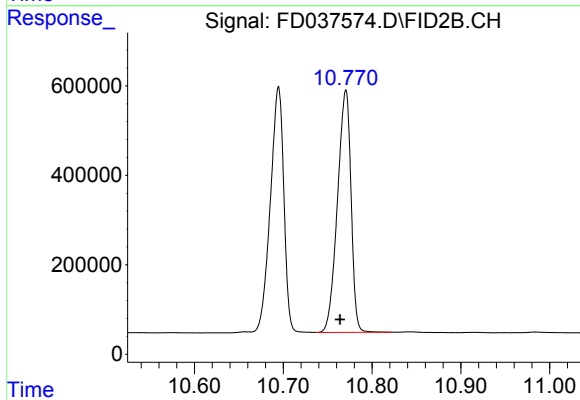
R.T.: 9.299 min
Delta R.T.: 0.004 min
Response: 5660341
Conc: 51.08 ug/ml



#9 Phenanthrene (C19.36)

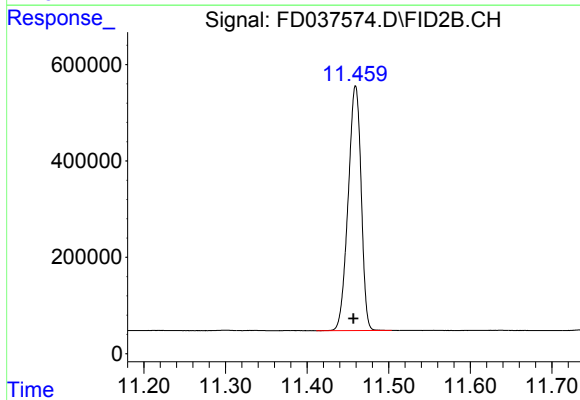
R.T.: 10.695 min
Delta R.T.: 0.006 min
Response: 5819259
Conc: 51.76 ug/ml

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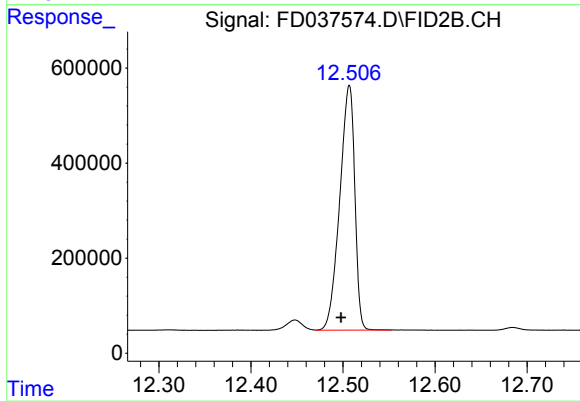
#10 Anthracene (C19.43)

R.T.: 10.770 min
Delta R.T.: 0.007 min
Response: 5752001
Conc: 52.30 ug/ml



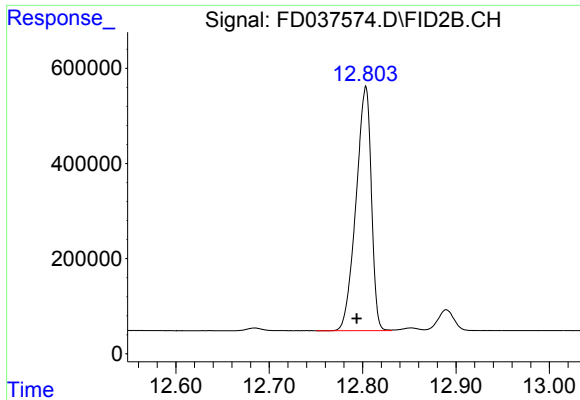
#11 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: 0.003 min
Response: 5620910
Conc: 47.19 ug/ml



#12 Fluoranthene (C21.85)

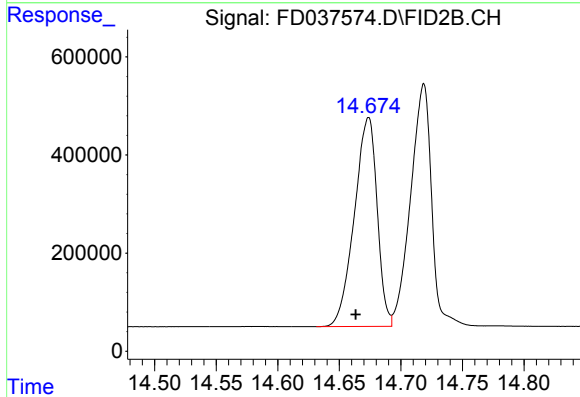
R.T.: 12.507 min
Delta R.T.: 0.009 min
Response: 5847066
Conc: 50.38 ug/ml



#13 Pyrene (C20.8)

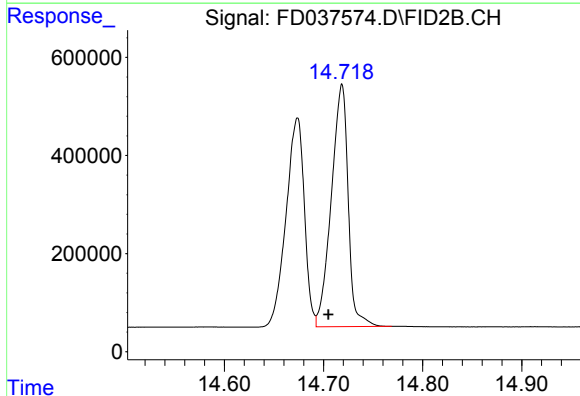
R.T.: 12.803 min
Delta R.T.: 0.010 min
Response: 5848004
Conc: 50.62 ug/ml

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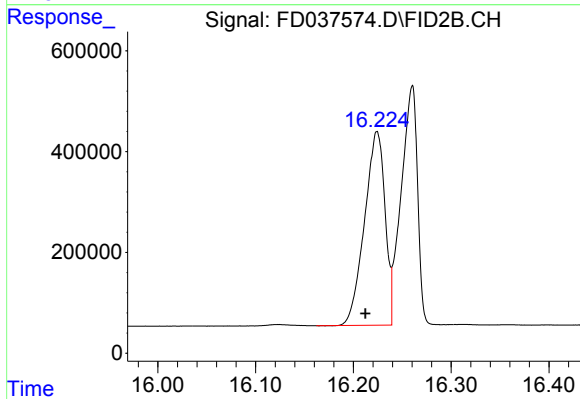
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.674 min
Delta R.T.: 0.010 min
Response: 5484959
Conc: 49.78 ug/ml



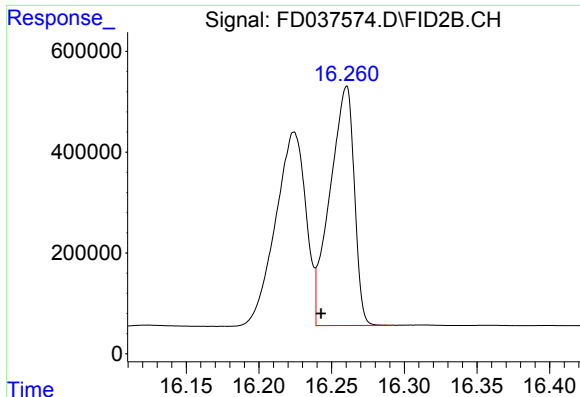
#15 Chrysene (C27.41)

R.T.: 14.719 min
Delta R.T.: 0.014 min
Response: 5846735
Conc: 50.75 ug/ml



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

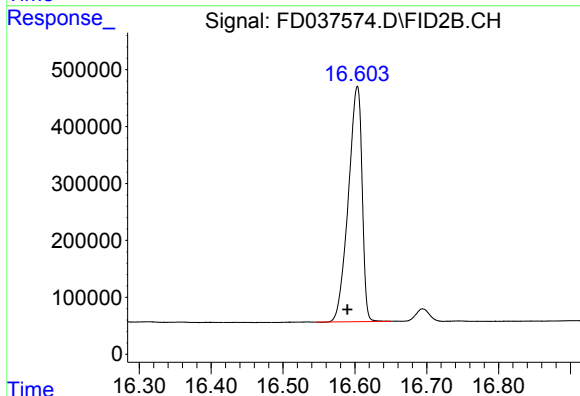
R.T.: 16.224 min
Delta R.T.: 0.012 min
Response: 5600820
Conc: 49.52 ug/ml



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

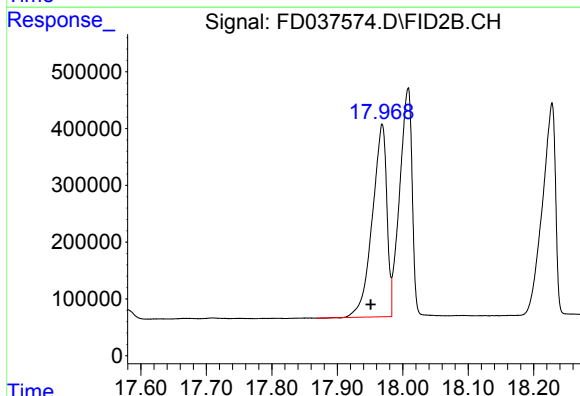
R.T.: 16.260 min
Delta R.T.: 0.018 min
Response: 5515992
Conc: 49.75 ug/ml

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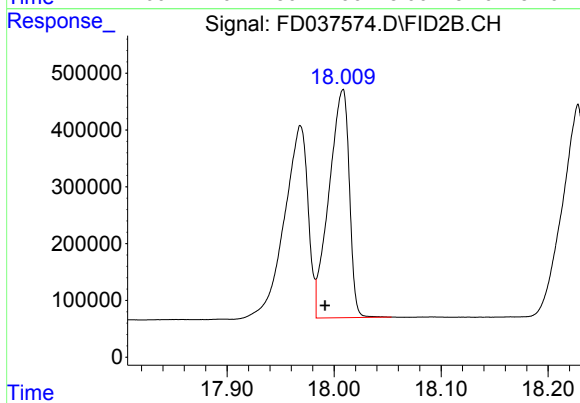
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.604 min
Delta R.T.: 0.014 min
Response: 5504721
Conc: 52.56 ug/ml



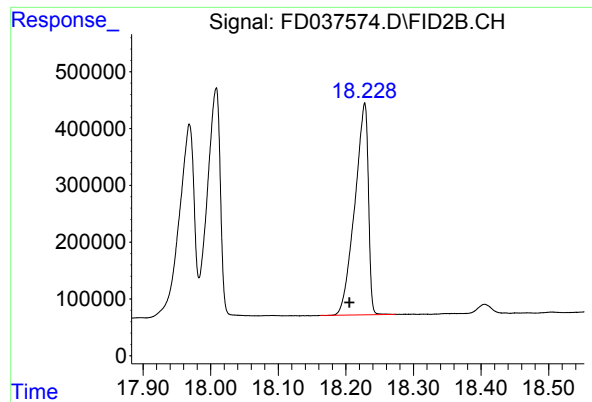
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.969 min
Delta R.T.: 0.018 min
Response: 5227499
Conc: 48.12 ug/ml



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

R.T.: 18.008 min
Delta R.T.: 0.017 min
Response: 5291396
Conc: 48.33 ug/ml



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

R.T.: 18.228 min
Delta R.T.: 0.023 min
Response: 5194748
Conc: 47.53 ug/ml

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