

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042721AR\
 Data File : FD037199.D
 Signal(s) : FID2B.CH
 Acq On : 28 Apr 2021 5:27
 Operator : DD\AJ
 Sample : M2176-04MSD
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 STOCKPILE-COMP-1MSD

Integration File: autoint1.e
 Quant Time: Apr 28 07:26:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

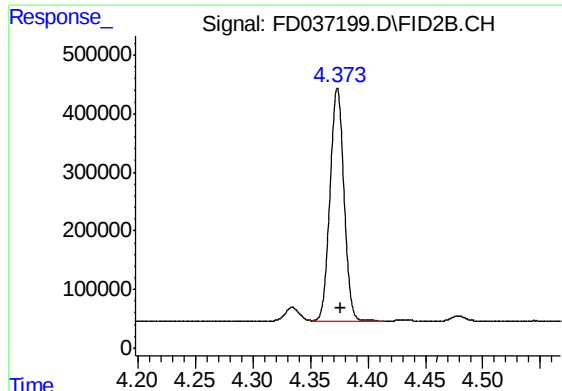
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.578	6466134	54.688 ug/ml
Spiked Amount 50.000		Recovery =	109.38%
6) S 2-Fluorobiphenyl (SURR)	8.438	2467459	31.978 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	63.96%
11) S ortho-Terphenyl (SURR)	11.479	4458960	36.100 ug/ml
Spiked Amount 50.000		Recovery =	72.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.374	3349283	25.187 ug/ml
2) T Naphthalene (C11.7)	5.913	4312155	31.369 ug/ml
3) T 2-Methylnaphthalene (...)	6.966	4604116	34.333 ug/ml
5) T Acenaphthylene (C15.06)	8.242	5182114	41.430 ug/ml
7) T Acenaphthene (C15.5)	8.538	4919788	38.071 ug/ml
8) T Fluorene (C16.55)	9.319	5124081	41.833 ug/ml
9) T Phenanthrene (C19.36)	10.715	5852948	49.652 ug/ml
10) T Anthracene (C19.43)	10.790	5081347	44.114 ug/ml
12) T Fluoranthene (C21.85)	12.528	6620315	56.765 ug/ml
13) T Pyrene (C20.8)	12.825	6209952	53.942 ug/ml
14) T Benzo[a]anthracene (C...	14.695	5386273	48.939 ug/ml
15) T Chrysene (C27.41)	14.739	5643584	49.854 ug/ml
16) T benzo[b]fluoranthene ...	16.249	5664101	50.498 ug/ml
17) T Bnezo[k]fluoranthene ...	16.249	5664101	52.589 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.627	5183896	50.087 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.991	4620311	43.434 ug/ml
20) T Dibenz[a,h]anthracene...	17.991	4620311	44.220 ug/ml
21) T Benzo[g,h,i]perylene ...	18.249	4479883	41.942 ug/ml

(f)=RT Delta > 1/2 Window

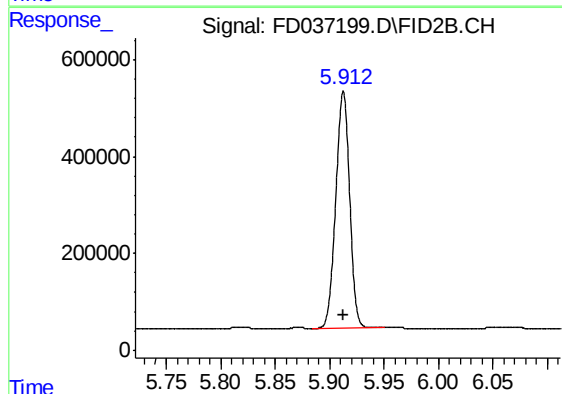
(m)=manual int.



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

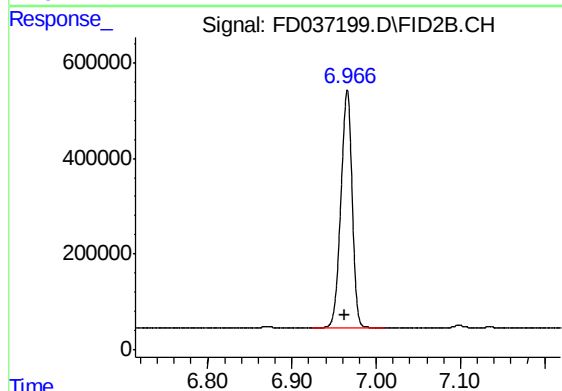
R.T.: 4.374 min
Delta R.T.: -0.002 min
Response: 3349283
Conc: 25.19 ug/ml

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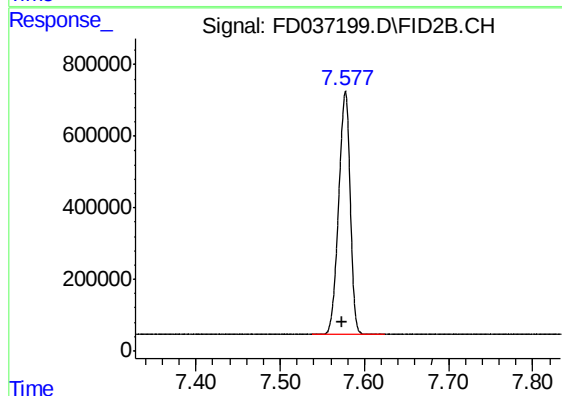
#2 Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 4312155
Conc: 31.37 ug/ml



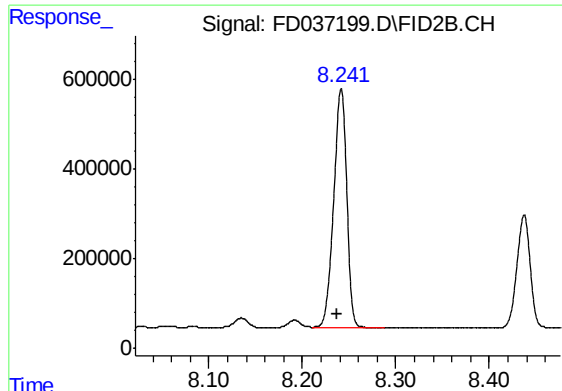
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.966 min
Delta R.T.: 0.003 min
Response: 4604116
Conc: 34.33 ug/ml



#4 2-Bromonaphthalene (SURR)

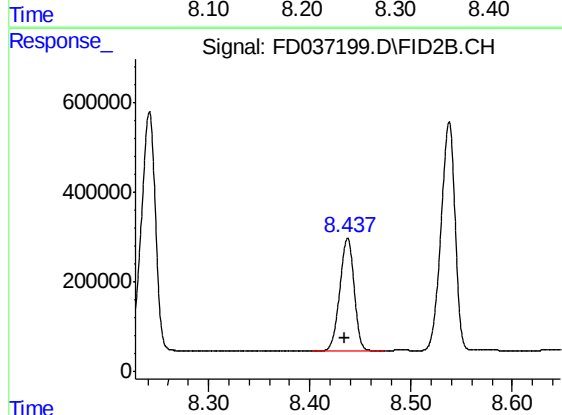
R.T.: 7.578 min
Delta R.T.: 0.003 min
Response: 6466134
Conc: 54.69 ug/ml



#5 Acenaphthylene (C15.06)

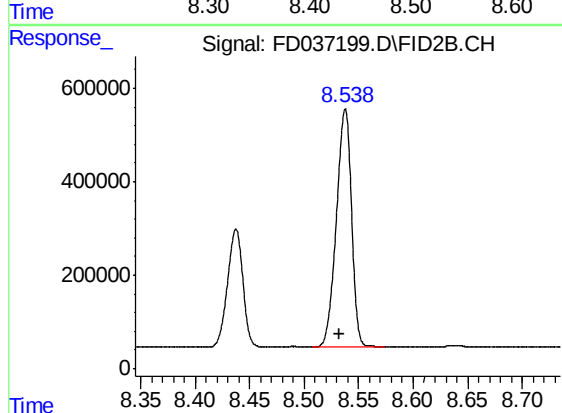
R.T.: 8.242 min
Delta R.T.: 0.004 min
Response: 5182114
Conc: 41.43 ug/ml

Instrument :
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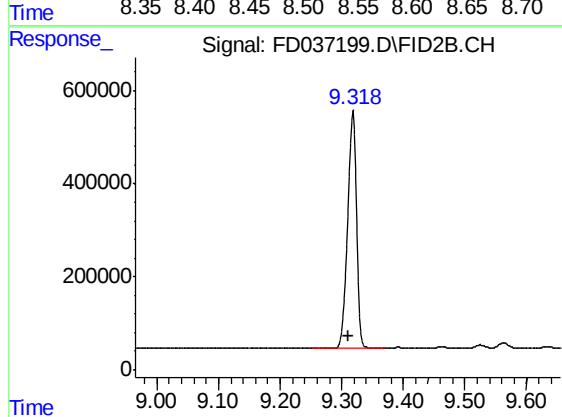
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.438 min
Delta R.T.: 0.003 min
Response: 2467459
Conc: 31.98 ug/ml



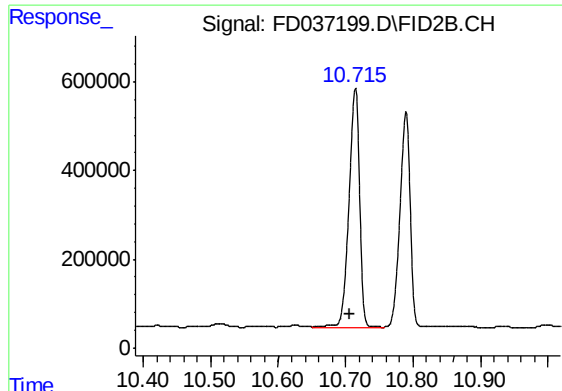
#7 Acenaphthene (C15.5)

R.T.: 8.538 min
Delta R.T.: 0.006 min
Response: 4919788
Conc: 38.07 ug/ml



#8 Fluorene (C16.55)

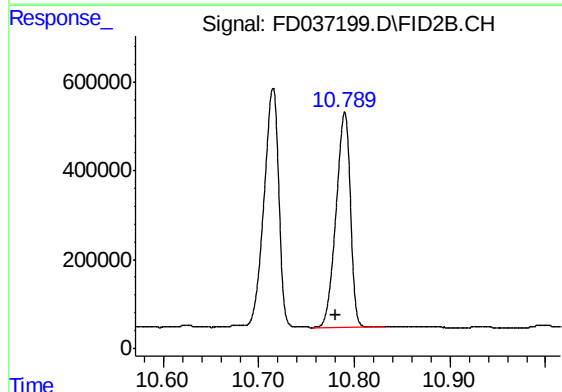
R.T.: 9.319 min
Delta R.T.: 0.006 min
Response: 5124081
Conc: 41.83 ug/ml



#9 Phenanthrene (C19.36)

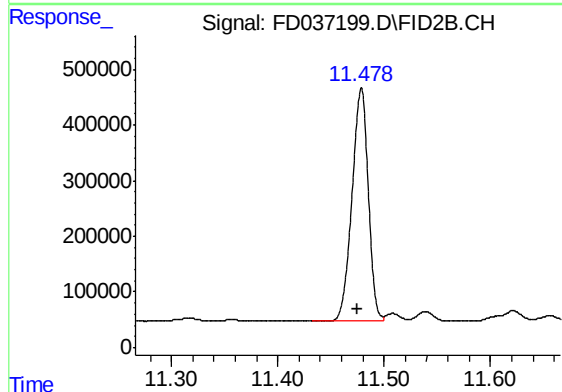
R.T.: 10.715 min
Delta R.T.: 0.008 min
Response: 5852948
Conc: 49.65 ug/ml

Instrument :
FID_D
ClientSampleId :
STOCKPILE-COMP-1MSD



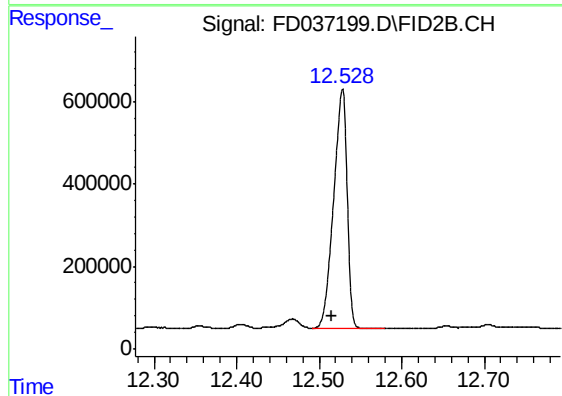
#10 Anthracene (C19.43)

R.T.: 10.790 min
Delta R.T.: 0.010 min
Response: 5081347
Conc: 44.11 ug/ml



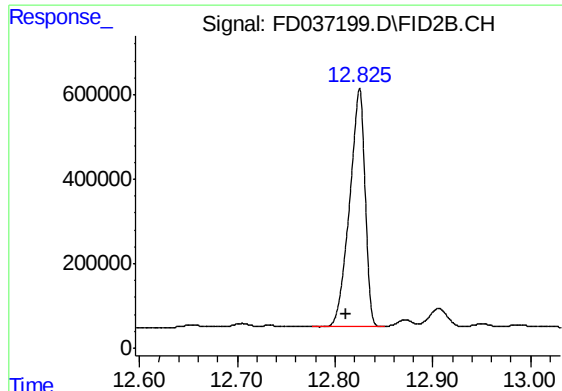
#11 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: 0.004 min
Response: 4458960
Conc: 36.10 ug/ml



#12 Fluoranthene (C21.85)

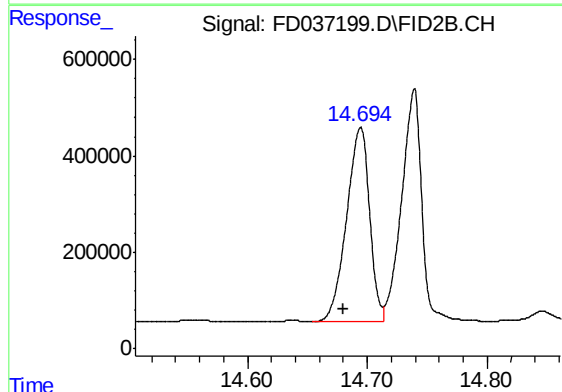
R.T.: 12.528 min
Delta R.T.: 0.013 min
Response: 6620315
Conc: 56.76 ug/ml



#13 Pyrene (C20.8)

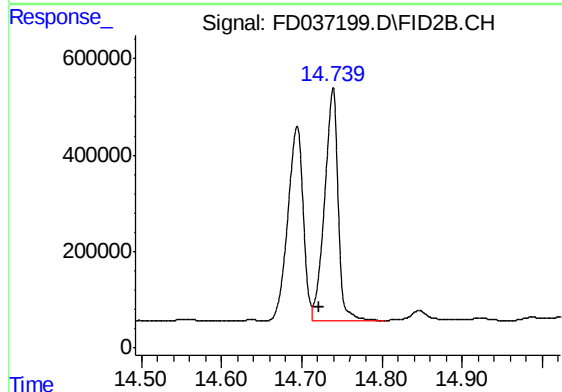
R.T.: 12.825 min
Delta R.T.: 0.014 min
Response: 6209952
Conc: 53.94 ug/ml

Instrument :
FID_D
ClientSampleId :
STOCKPILE-COMP-1MSD



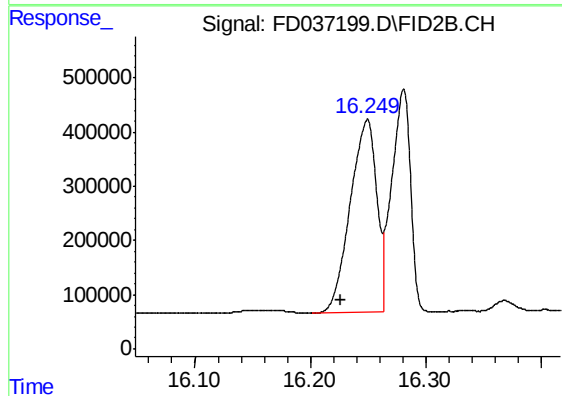
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.695 min
Delta R.T.: 0.015 min
Response: 5386273
Conc: 48.94 ug/ml



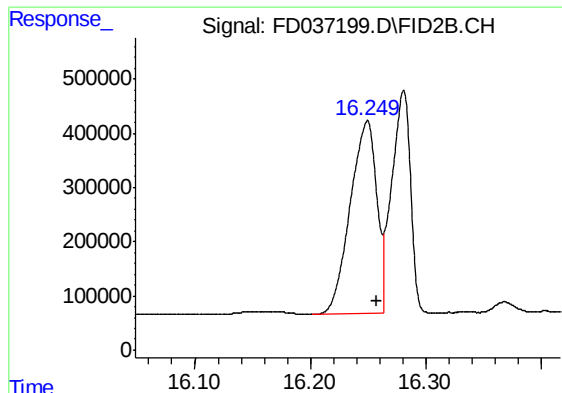
#15 Chrysene (C27.41)

R.T.: 14.739 min
Delta R.T.: 0.018 min
Response: 5643584
Conc: 49.85 ug/ml



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

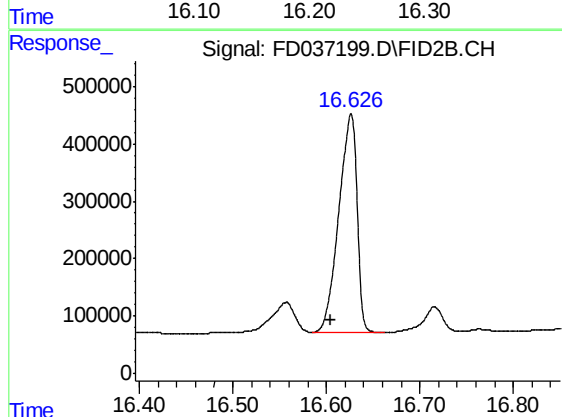
R.T.: 16.249 min
Delta R.T.: 0.023 min
Response: 5664101
Conc: 50.50 ug/ml



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

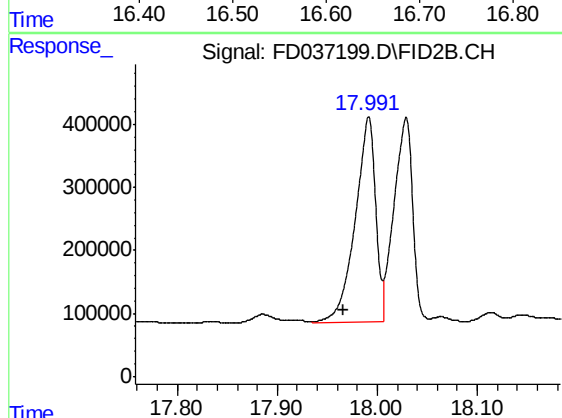
R.T.: 16.249 min
Delta R.T.: -0.008 min
Response: 5664101
Conc: 52.59 ug/ml

Instrument :
FID_D
ClientSampleId :
STOCKPILE-COMP-1MSD



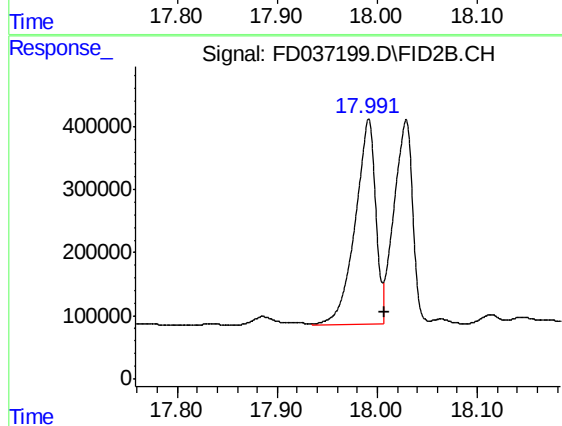
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.627 min
Delta R.T.: 0.022 min
Response: 5183896
Conc: 50.09 ug/ml



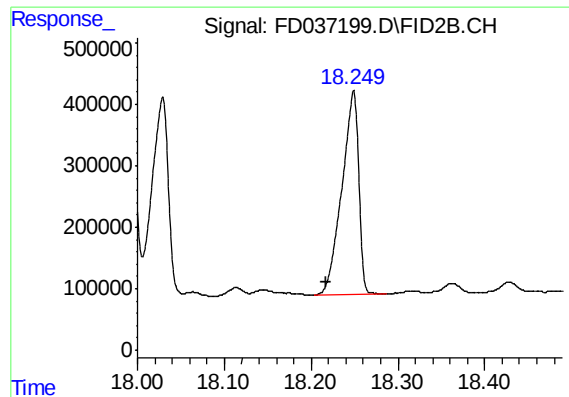
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min
Delta R.T.: 0.026 min
Response: 4620311
Conc: 43.43 ug/ml



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

R.T.: 17.991 min
Delta R.T.: -0.016 min
Response: 4620311
Conc: 44.22 ug/ml



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

R.T.: 18.249 min
Delta R.T.: 0.031 min
Response: 4479883
Conc: 41.94 ug/ml

Instrument :
FID_D
ClientSampleId :
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