

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050621AR\
 Data File : FD037390.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2021 20:55
 Operator : DD\AJ
 Sample : PB136165BSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB136165BSD

Manual Integrations
 APPROVED

Ankita
 5/7/2021 11:17:37 AM

Integration File: autoint1.e
 Quant Time: May 07 05:41:48 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

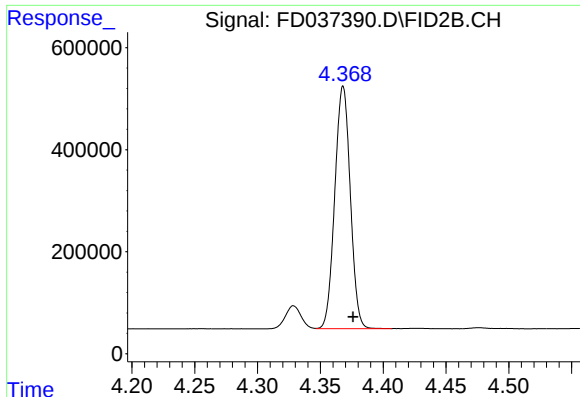
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.571	5748967	48.622 ug/ml
Spiked Amount 50.000		Recovery =	97.24%
6) S 2-Fluorobiphenyl (SURR)	8.432	3101771	40.198 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.40%
11) S ortho-Terphenyl (SURR)	11.474	5265978	42.634 ug/ml
Spiked Amount 50.000		Recovery =	85.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.368	4083011	30.705 ug/ml
2) T Naphthalene (C11.7)	5.906	4668106	33.958 ug/ml
3) T 2-Methylnaphthalene (...)	6.959	4744119	35.377 ug/ml
5) T Acenaphthylene (C15.06)	8.235	5060252	40.455 ug/ml
7) T Acenaphthene (C15.5)	8.531	4931944	38.165 ug/ml
8) T Fluorene (C16.55)	9.312	5107105	41.694 ug/ml
9) T Phenanthrene (C19.36)	10.709	5243396	44.481 ug/ml
10) T Anthracene (C19.43)	10.784	5190622	45.063 ug/ml
12) T Fluoranthene (C21.85)	12.522	5445389	46.691 ug/ml
13) T Pyrene (C20.8)	12.819	5480535	47.606 ug/ml
14) T Benzo[a]anthracene (C...	14.691	5339188	48.511 ug/ml
15) T Chrysene (C27.41)	14.735	5915894	52.259 ug/ml
16) T benzo[b]fluoranthene ...	16.243	5646104	50.337 ug/ml
17) T Bnezo[k]fluoranthene ...	16.278	5475043	50.833 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.623	5584212	53.954 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.988	5176014	48.658 ug/ml
20) T Dibenz[a,h]anthracene...	18.027	5261033	50.353 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.246	5314666	49.757 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



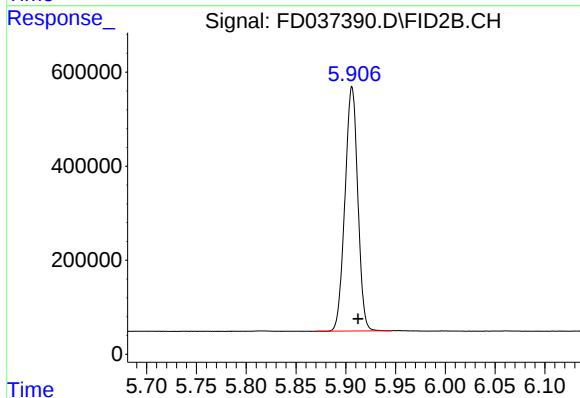
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.368 min
Delta R.T.: -0.008 min
Response: 4083011
Conc: 30.71 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136165BSD

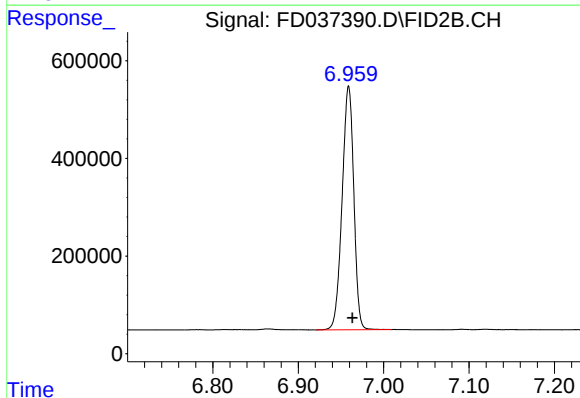
Manual Integrations
APPROVED

Ankita
5/7/2021 11:17:37 AM



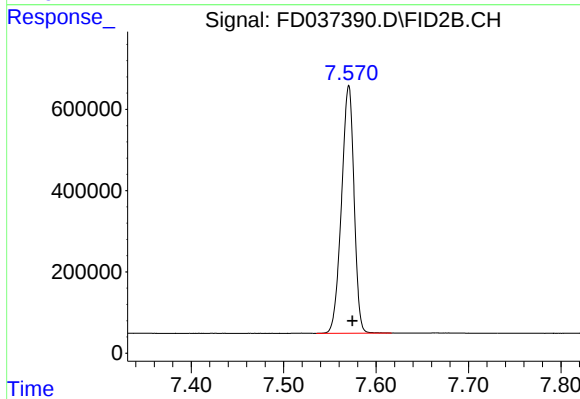
#2 Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.006 min
Response: 4668106
Conc: 33.96 ug/ml



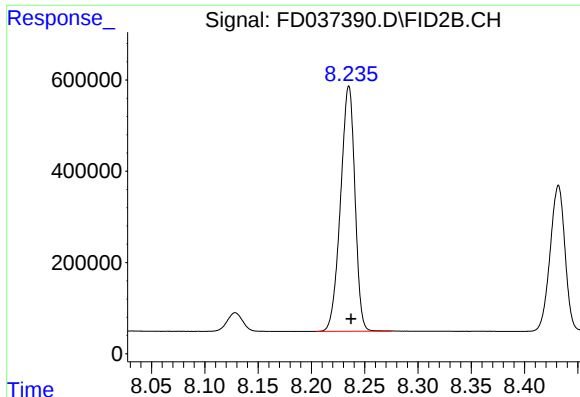
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.959 min
Delta R.T.: -0.004 min
Response: 4744119
Conc: 35.38 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.571 min
Delta R.T.: -0.004 min
Response: 5748967
Conc: 48.62 ug/ml



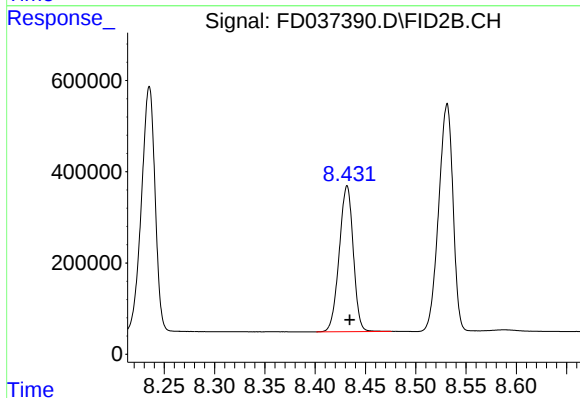
#5 Acenaphthylene (C15.06)

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 5060252
Conc: 40.46 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136165BSD

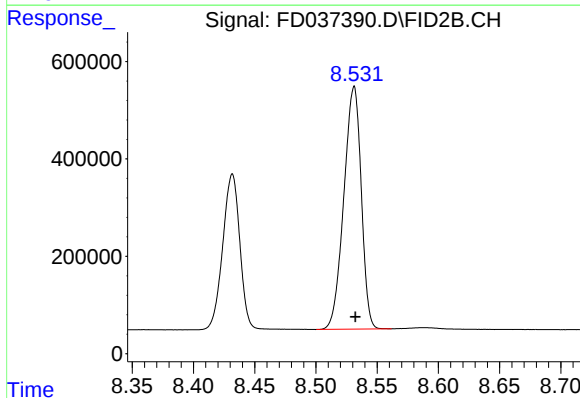
Manual Integrations
APPROVED

Ankita
5/7/2021 11:17:37 AM



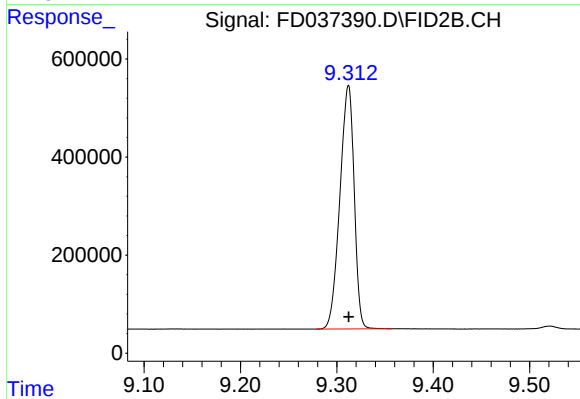
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.432 min
Delta R.T.: -0.003 min
Response: 3101771
Conc: 40.20 ug/ml



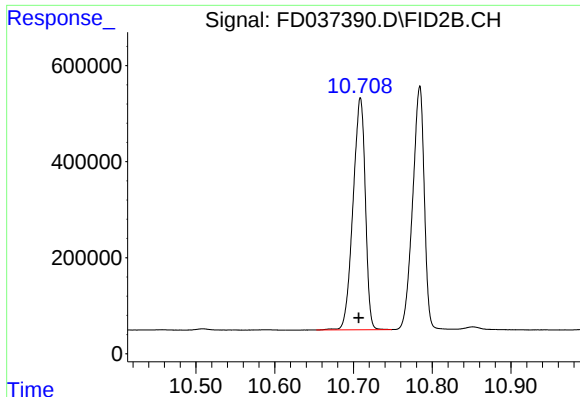
#7 Acenaphthene (C15.5)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 4931944
Conc: 38.17 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.312 min
Delta R.T.: 0.000 min
Response: 5107105
Conc: 41.69 ug/ml



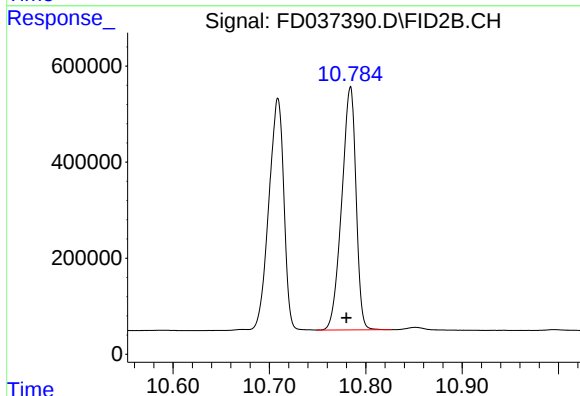
#9 Phenanthrene (C19.36)

R.T.: 10.709 min
Delta R.T.: 0.002 min
Response: 5243396
Conc: 44.48 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136165BSD

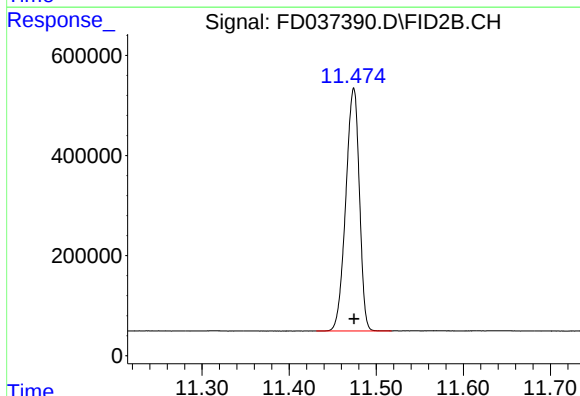
Manual Integrations
APPROVED

Ankita
5/7/2021 11:17:37 AM



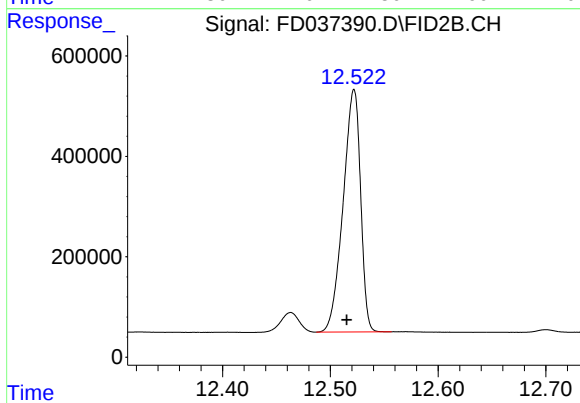
#10 Anthracene (C19.43)

R.T.: 10.784 min
Delta R.T.: 0.004 min
Response: 5190622
Conc: 45.06 ug/ml



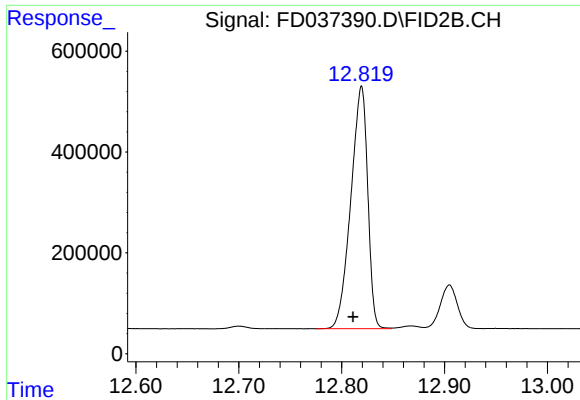
#11 ortho-Terphenyl (SURR)

R.T.: 11.474 min
Delta R.T.: 0.000 min
Response: 5265978
Conc: 42.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.522 min
Delta R.T.: 0.007 min
Response: 5445389
Conc: 46.69 ug/ml



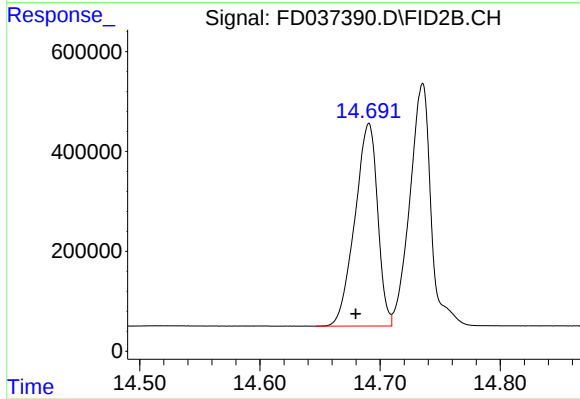
#13 Pyrene (C20.8)

R.T.: 12.819 min
Delta R.T.: 0.008 min
Response: 5480535
Conc: 47.61 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136165BSD

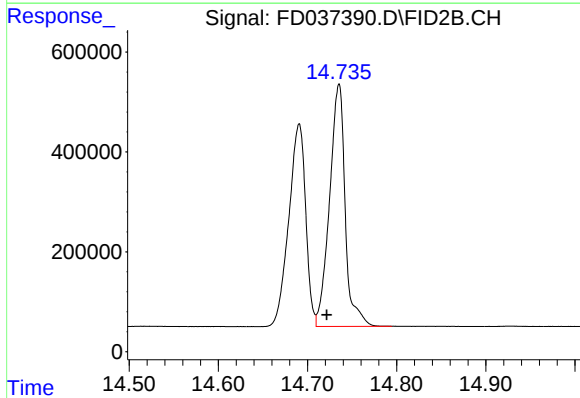
Manual Integrations
APPROVED

Ankita
5/7/2021 11:17:37 AM



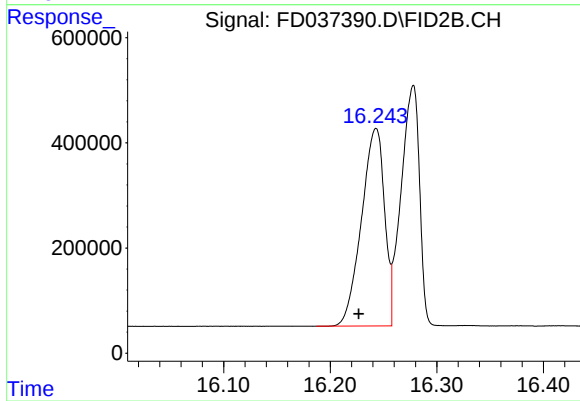
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.691 min
Delta R.T.: 0.011 min
Response: 5339188
Conc: 48.51 ug/ml



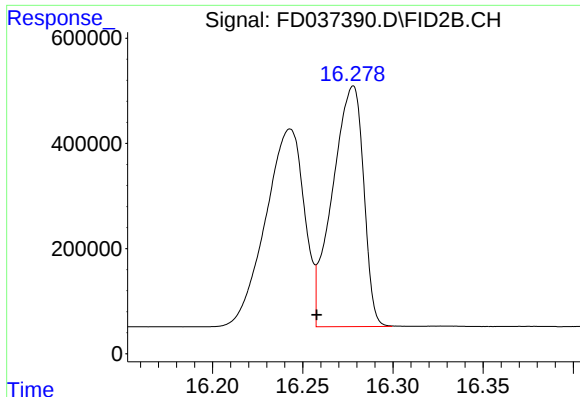
#15 Chrysene (C27.41)

R.T.: 14.735 min
Delta R.T.: 0.014 min
Response: 5915894
Conc: 52.26 ug/ml



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

R.T.: 16.243 min
Delta R.T.: 0.016 min
Response: 5646104
Conc: 50.34 ug/ml



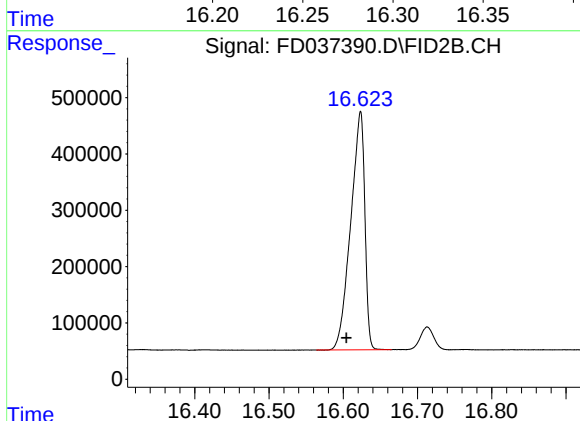
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.278 min
Delta R.T.: 0.020 min
Response: 5475043
Conc: 50.83 ug/ml m

Instrument :
FID_D
ClientSampleId :
PB136165BSD

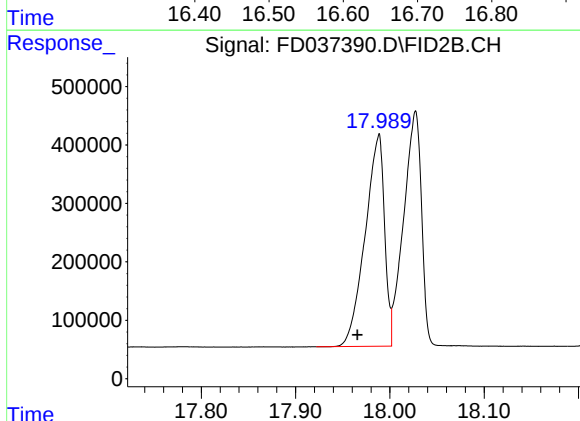
Manual Integrations
APPROVED

Ankita
5/7/2021 11:17:37 AM



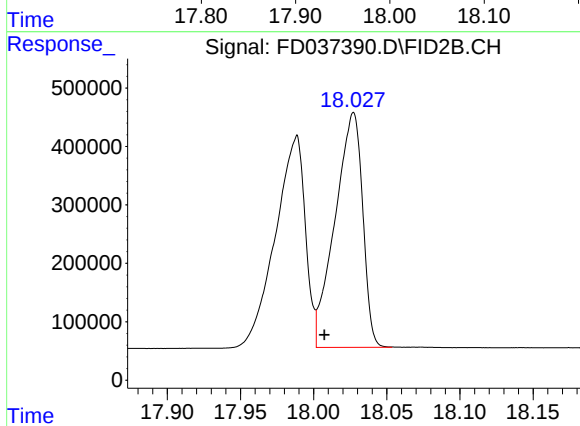
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.623 min
Delta R.T.: 0.019 min
Response: 5584212
Conc: 53.95 ug/ml



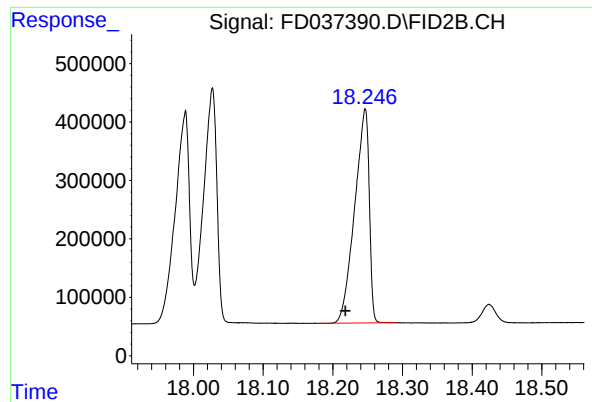
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.988 min
Delta R.T.: 0.023 min
Response: 5176014
Conc: 48.66 ug/ml



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

R.T.: 18.027 min
Delta R.T.: 0.020 min
Response: 5261033
Conc: 50.35 ug/ml m



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

R.T.: 18.246 min
Delta R.T.: 0.028 min
Response: 5314666
Conc: 49.76 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136165BSD

Manual Integrations
APPROVED

Ankita
5/7/2021 11:17:37 AM