

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AR\
 Data File : FD036316.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2021 5:51
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 04 06:57:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 06:56:38 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

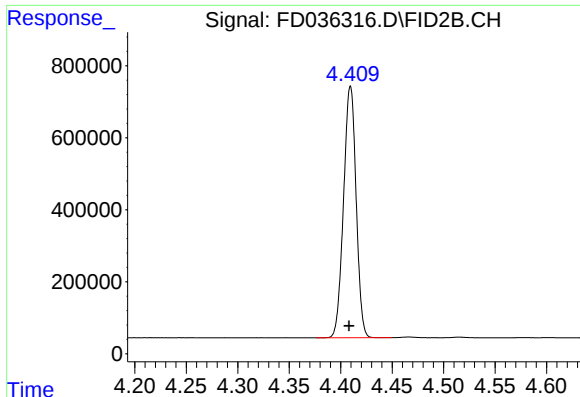
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.612	5649092	49.206 ug/ml
Spiked Amount 50.000		Recovery =	98.41%
6) S 2-Fluorobiphenyl (SURR)	8.474	4015368	49.182 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.36%
11) S ortho-Terphenyl (SURR)	11.517	6621527	47.914 ug/ml
Spiked Amount 50.000		Recovery =	95.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.410	5937083	49.025 ug/ml
2) T Naphthalene (C11.7)	5.950	6456320	49.201 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	6534647	49.247 ug/ml
5) T Acenaphthylene (C15.06)	8.279	6400312	48.851 ug/ml
7) T Acenaphthene (C15.5)	8.575	6613083	48.893 ug/ml
8) T Fluorene (C16.55)	9.355	6516056	48.718 ug/ml
9) T Phenanthrene (C19.36)	10.753	6547031	48.339 ug/ml
10) T Anthracene (C19.43)	10.827	6389388	48.402 ug/ml
12) T Fluoranthene (C21.85)	12.564	6522872	47.670 ug/ml
13) T Pyrene (C20.8)	12.861	6438777	47.639 ug/ml
14) T Benzo[a]anthracene (C...	14.730	5969431	47.709 ug/ml
15) T Chrysene (C27.41)	14.776	6095880	47.661 ug/ml
16) T benzo[b]fluoranthene ...	16.281	5788483	48.183 ug/ml
17) T Bnezo[k]fluoranthene ...	16.316	5575758	47.919 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.659	5248572	48.128 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.023	5323018	48.923 ug/ml
20) T Dibenz[a,h]anthracene...	18.063	5223327	47.681 ug/ml
21) T Benzo[g,h,i]perylene ...	18.281	5283965	48.576 ug/ml

(f)=RT Delta > 1/2 Window

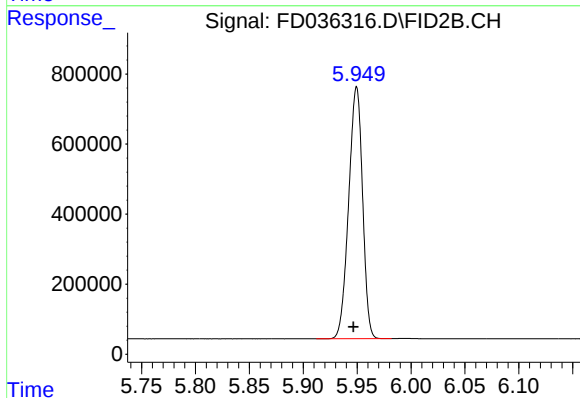
(m)=manual int.



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

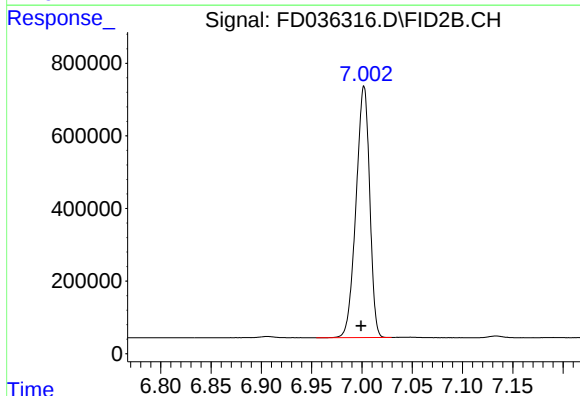
R.T.: 4.410 min
Delta R.T.: 0.002 min
Response: 5937083
Conc: 49.02 ug/ml

Instrument :
FID_D
ClientSampleId :



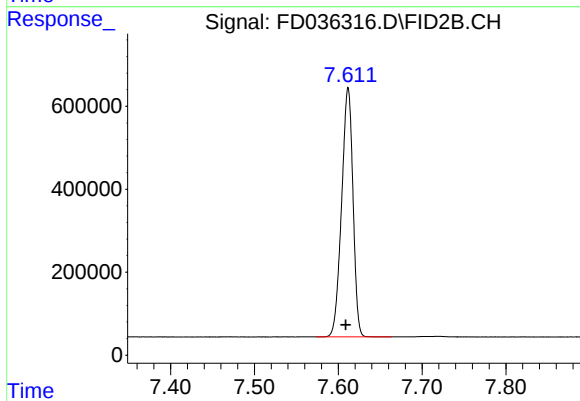
#2 Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.003 min
Response: 6456320
Conc: 49.20 ug/ml



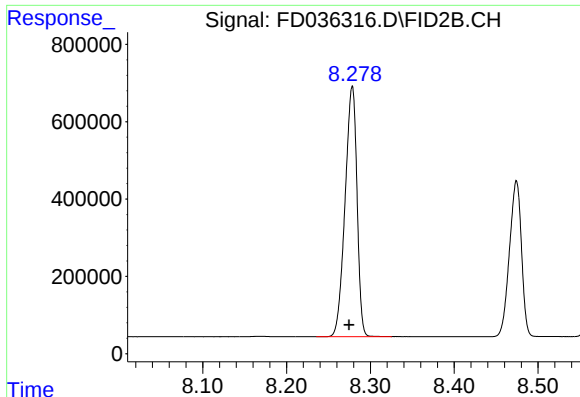
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: 0.003 min
Response: 6534647
Conc: 49.25 ug/ml



#4 2-Bromonaphthalene (SURR)

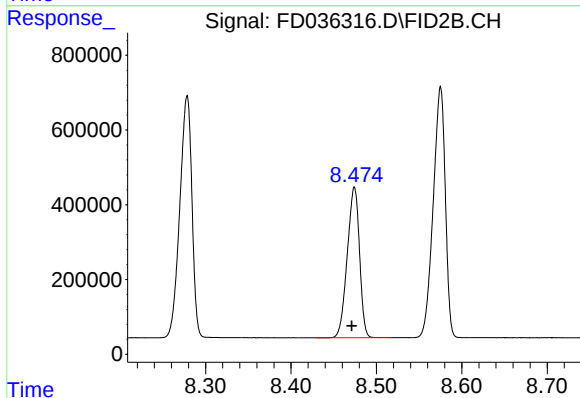
R.T.: 7.612 min
Delta R.T.: 0.003 min
Response: 5649092
Conc: 49.21 ug/ml



#5 Acenaphthylene (C15.06)

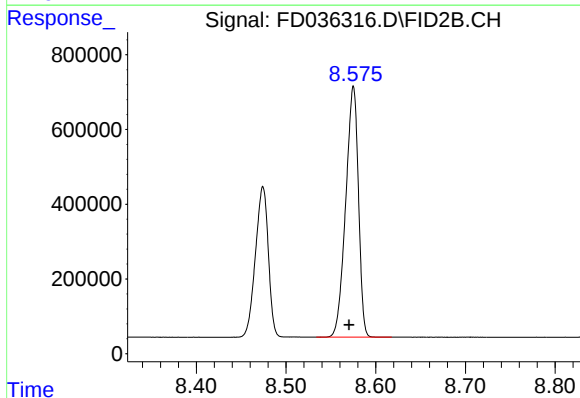
R.T.: 8.279 min
Delta R.T.: 0.004 min
Response: 6400312
Conc: 48.85 ug/ml

Instrument :
FID_D
ClientSampleId :



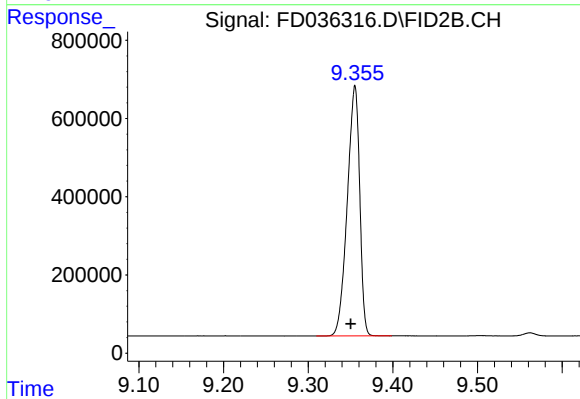
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.474 min
Delta R.T.: 0.003 min
Response: 4015368
Conc: 49.18 ug/ml



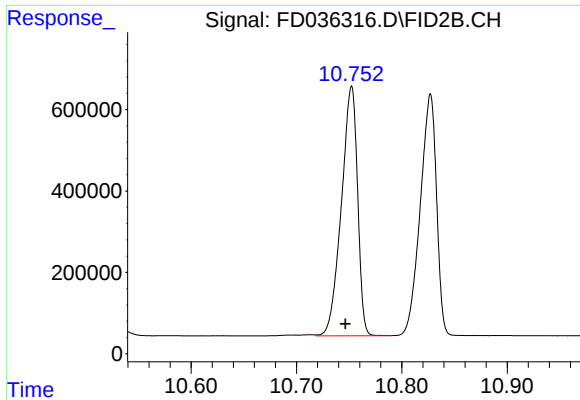
#7 Acenaphthene (C15.5)

R.T.: 8.575 min
Delta R.T.: 0.005 min
Response: 6613083
Conc: 48.89 ug/ml



#8 Fluorene (C16.55)

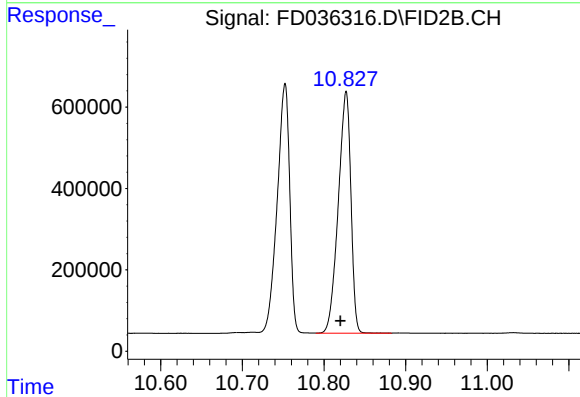
R.T.: 9.355 min
Delta R.T.: 0.005 min
Response: 6516056
Conc: 48.72 ug/ml



#9 Phenanthrene (C19.36)

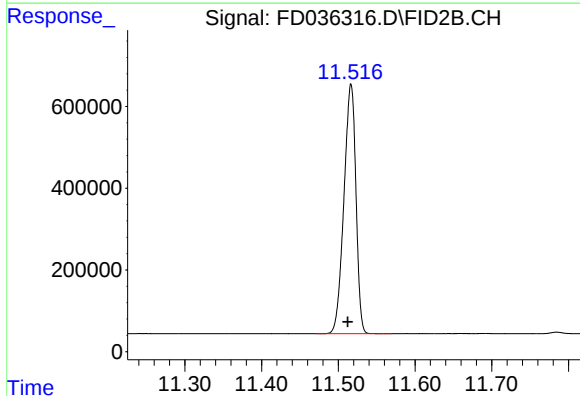
R.T.: 10.753 min
Delta R.T.: 0.006 min
Response: 6547031
Conc: 48.34 ug/ml

Instrument :
FID_D
ClientSampleId :



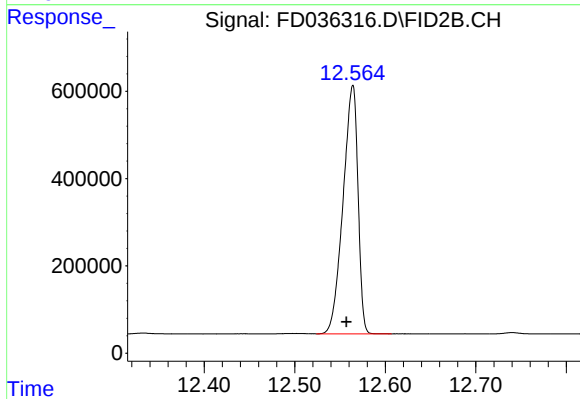
#10 Anthracene (C19.43)

R.T.: 10.827 min
Delta R.T.: 0.007 min
Response: 6389388
Conc: 48.40 ug/ml



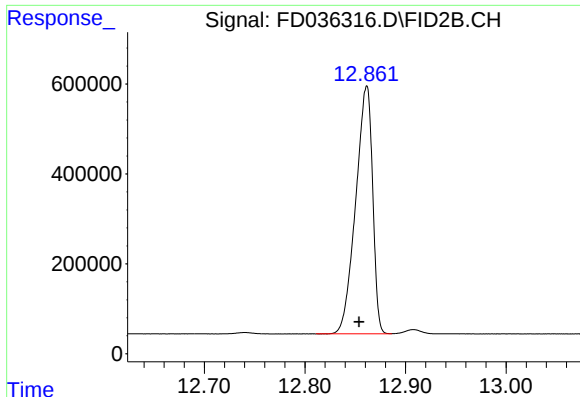
#11 ortho-Terphenyl (SURR)

R.T.: 11.517 min
Delta R.T.: 0.004 min
Response: 6621527
Conc: 47.91 ug/ml



#12 Fluoranthene (C21.85)

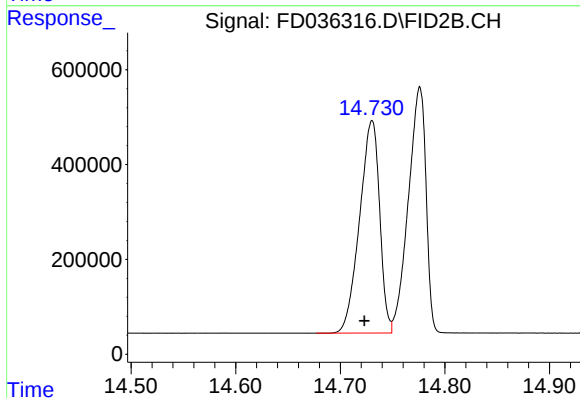
R.T.: 12.564 min
Delta R.T.: 0.007 min
Response: 6522872
Conc: 47.67 ug/ml



#13 Pyrene (C20.8)

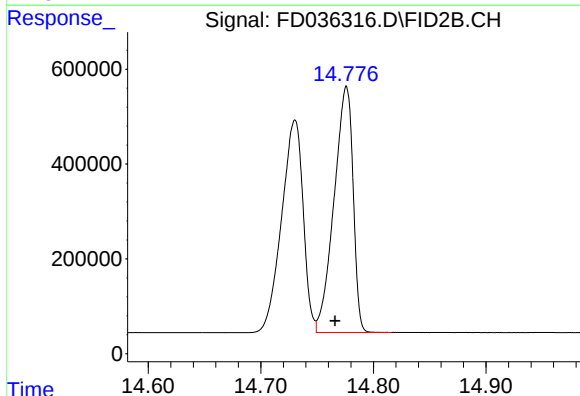
R.T.: 12.861 min
Delta R.T.: 0.008 min
Response: 6438777
Conc: 47.64 ug/ml

Instrument :
FID_D
ClientSampleId :



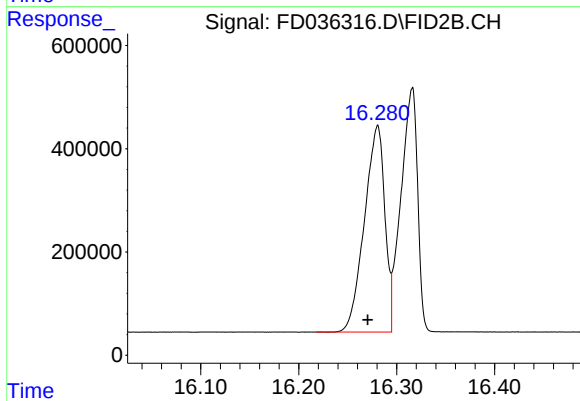
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.730 min
Delta R.T.: 0.007 min
Response: 5969431
Conc: 47.71 ug/ml



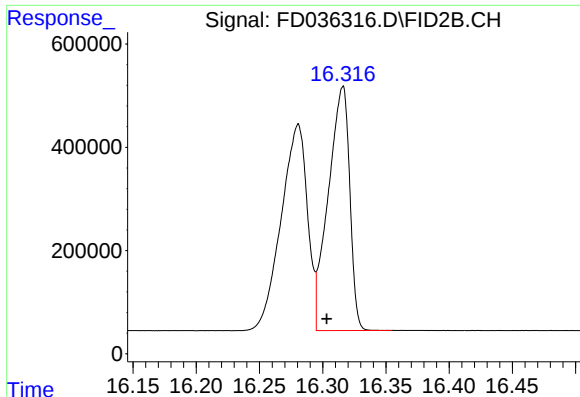
#15 Chrysene (C27.41)

R.T.: 14.776 min
Delta R.T.: 0.010 min
Response: 6095880
Conc: 47.66 ug/ml



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

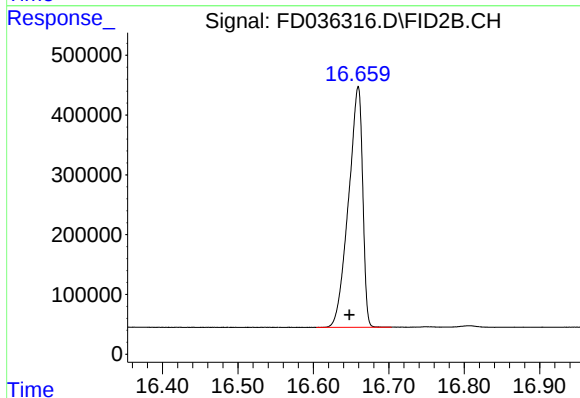
R.T.: 16.281 min
Delta R.T.: 0.010 min
Response: 5788483
Conc: 48.18 ug/ml



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

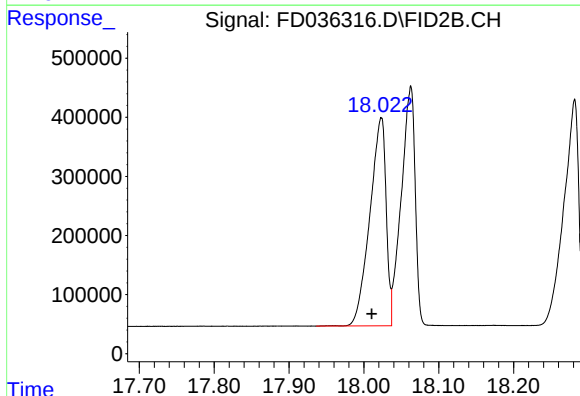
R.T.: 16.316 min
Delta R.T.: 0.013 min
Response: 5575758
Conc: 47.92 ug/ml

Instrument :
FID_D
ClientSampleId :



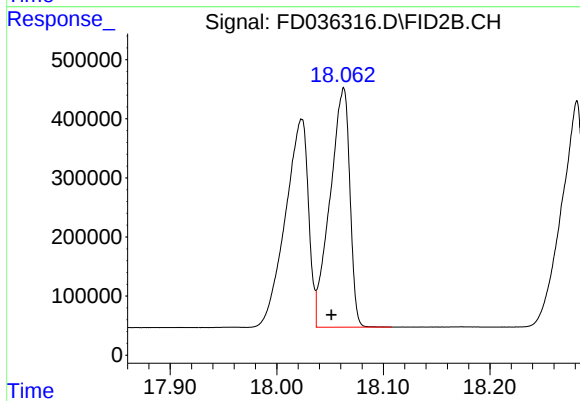
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.659 min
Delta R.T.: 0.012 min
Response: 5248572
Conc: 48.13 ug/ml



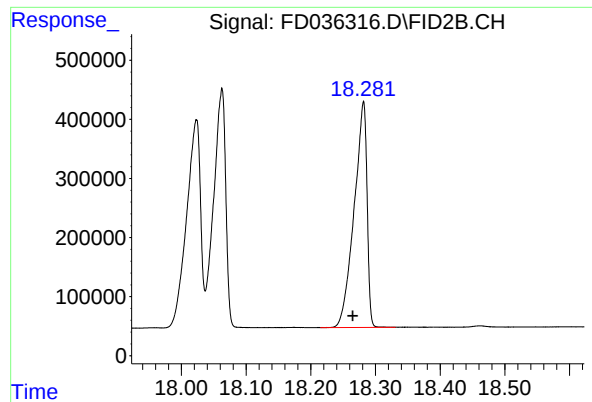
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.023 min
Delta R.T.: 0.013 min
Response: 5323018
Conc: 48.92 ug/ml



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

R.T.: 18.063 min
Delta R.T.: 0.011 min
Response: 5223327
Conc: 47.68 ug/ml



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

R.T.: 18.281 min
Delta R.T.: 0.016 min
Response: 5283965
Conc: 48.58 ug/ml

Instrument :
FID_D
ClientSampleId :