

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD045996.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 13:11
 Operator : YP/AJ
 Sample : 03357-22DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 13:41:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 2023
 Response via : Initial Calibration
 Integrator: ChemStation

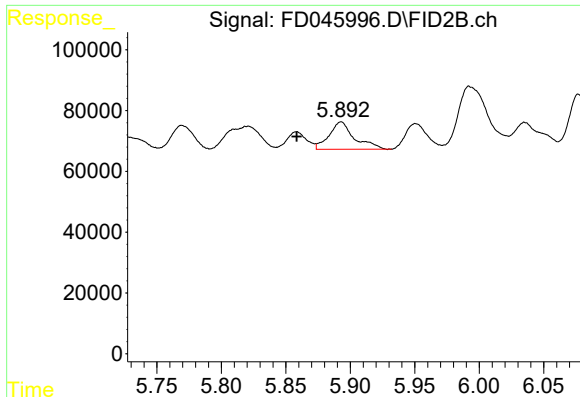
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.520	5636420	26.155 ug/ml
Spiked Amount 50.000		Recovery =	52.31%
6) S 2-Fluorobiphenyl (SURR)	8.375	3729111	26.944 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	53.89%
11) S ortho-Terphenyl (SURR)	11.414	4402853	17.367 ug/ml
Spiked Amount 50.000		Recovery =	34.73%
Target Compounds			
2) T Naphthalene (C11.7)	5.893	122747	0.481 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	1450526	5.754 ug/ml
5) T Acenaphthylene (C15.06)	8.179	665457	3.064 ug/ml
7) T Acenaphthene (C15.5)	8.465	890554	3.778 ug/ml
8) T Flouorene (C16.55)	9.247	333318	1.473 ug/ml
9) T Phenanthrene (C19.36)	10.640	549476	2.575 ug/ml
10) T Anthracene (C19.43)	10.725	671531	4.226 ug/ml
12) T Fluoranthene (C21.85)	12.449	699298	3.417 ug/ml
13) T Pyrene (C20.8)	12.741	1541705	7.929 ug/ml
14) T Benzo[a]anthracene (C...	14.592	3191793	17.747 ug/ml
15) T Chrysene (C27.41)	14.656	5794452	29.522 ug/ml
16) T benzo[b]fluoranthene ...	16.178	9558587	50.964 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	9558587	48.323 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.525	5805998	33.324 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.881	1526755	8.204 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	1526755	8.304 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	766105	4.100 ug/ml

(f)=RT Delta > 1/2 Window

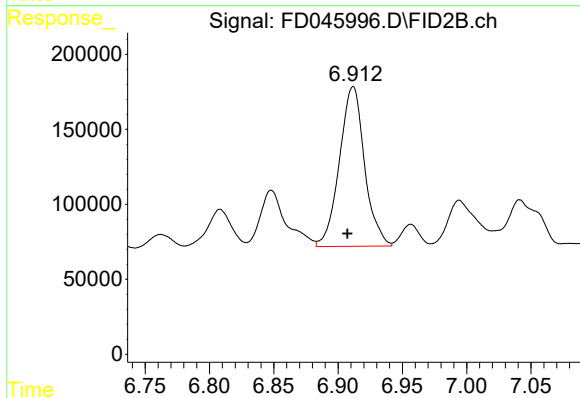
(m)=manual int.



#2 Naphthalene (C11.7)

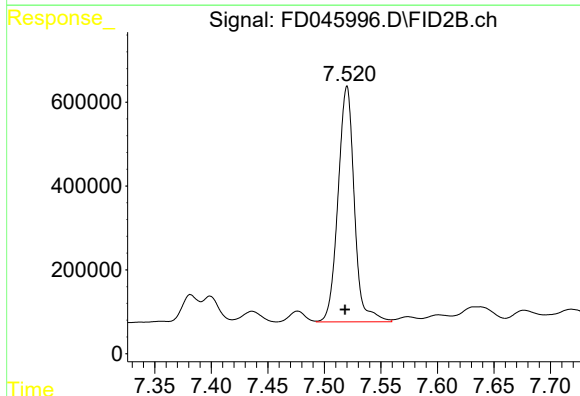
R.T.: 5.893 min
Delta R.T.: 0.034 min
Response: 122747
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



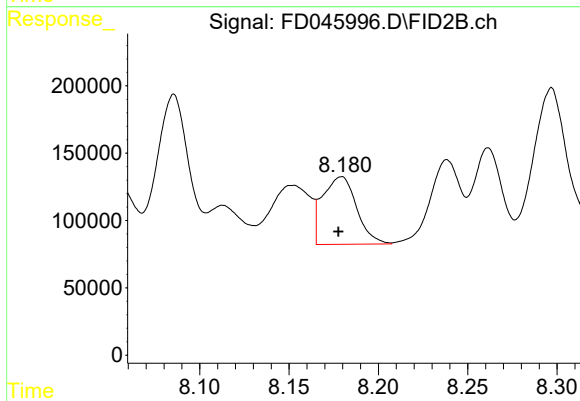
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: 0.004 min
Response: 1450526
Conc: 5.75 ug/ml



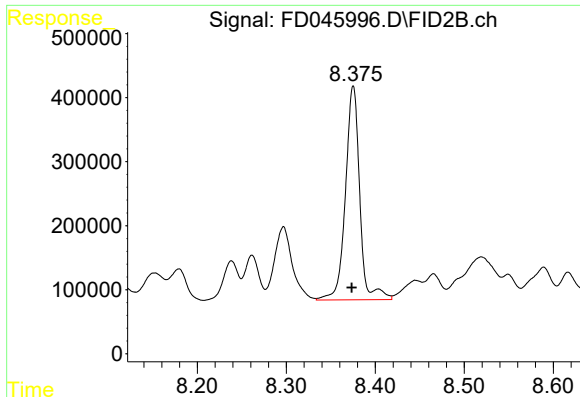
#4 2-Bromonaphthalene (SURR)

R.T.: 7.520 min
Delta R.T.: 0.001 min
Response: 5636420
Conc: 26.16 ug/ml



#5 Acenaphthylene (C15.06)

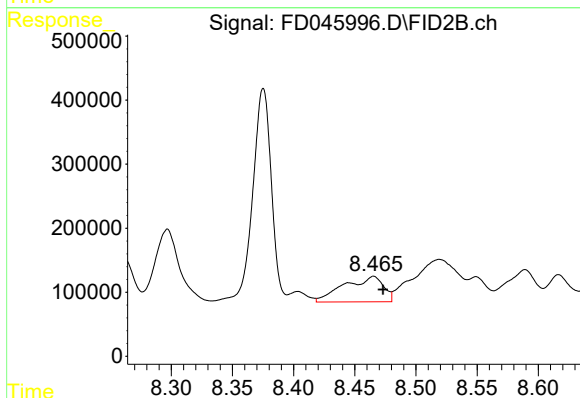
R.T.: 8.179 min
Delta R.T.: 0.001 min
Response: 665457
Conc: 3.06 ug/ml



#6 2-Fluorobiphenyl (SURR)

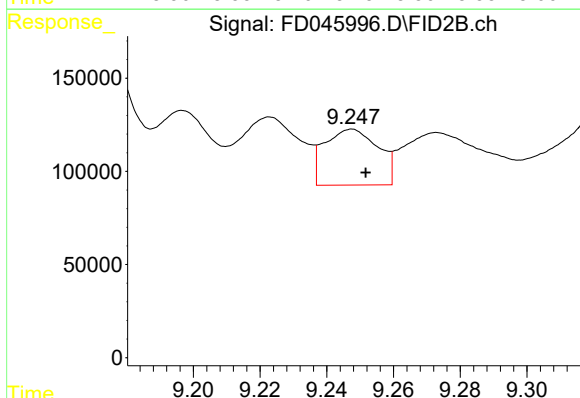
R.T.: 8.375 min
Delta R.T.: 0.002 min
Response: 3729111
Conc: 26.94 ug/ml

Instrument :
FID_D
ClientSampleId :



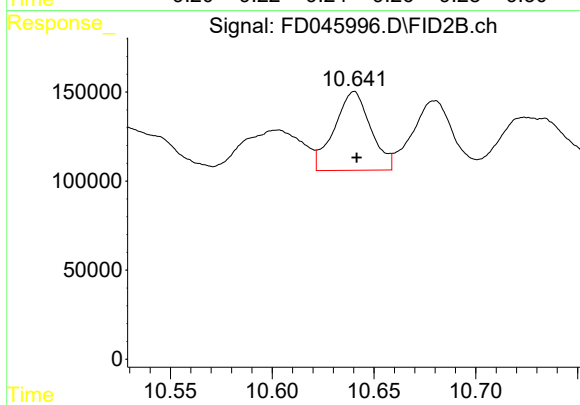
#7 Acenaphthene (C15.5)

R.T.: 8.465 min
Delta R.T.: -0.008 min
Response: 890554
Conc: 3.78 ug/ml



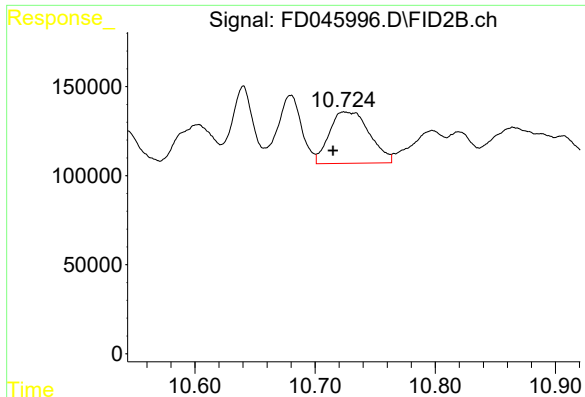
#8 Flouorene (C16.55)

R.T.: 9.247 min
Delta R.T.: -0.004 min
Response: 333318
Conc: 1.47 ug/ml



#9 Phenanthrene (C19.36)

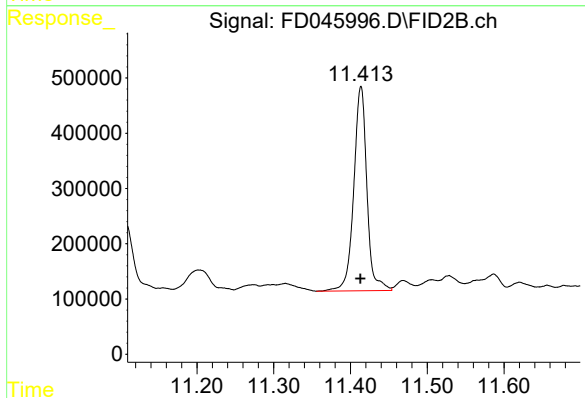
R.T.: 10.640 min
Delta R.T.: -0.001 min
Response: 549476
Conc: 2.58 ug/ml



#10 Anthracene (C19.43)

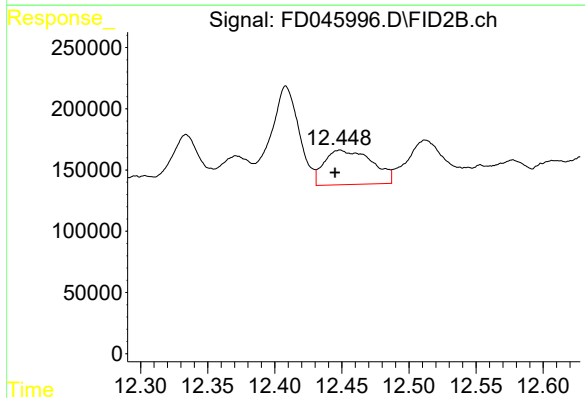
R.T.: 10.725 min
Delta R.T.: 0.010 min
Response: 671531
Conc: 4.23 ug/ml

Instrument :
FID_D
ClientSampleId :



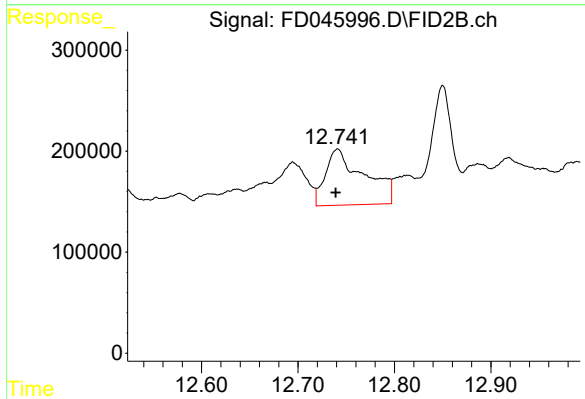
#11 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: 0.000 min
Response: 4402853
Conc: 17.37 ug/ml



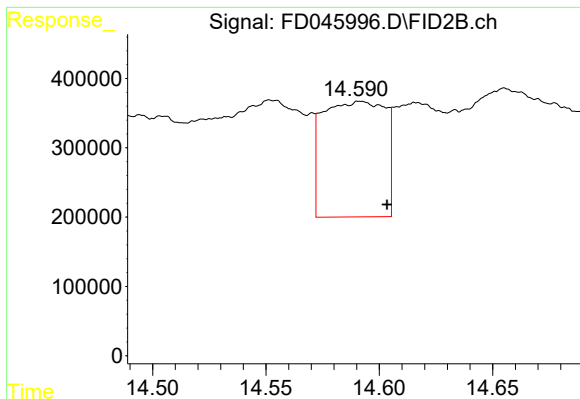
#12 Fluoranthene (C21.85)

R.T.: 12.449 min
Delta R.T.: 0.004 min
Response: 699298
Conc: 3.42 ug/ml



#13 Pyrene (C20.8)

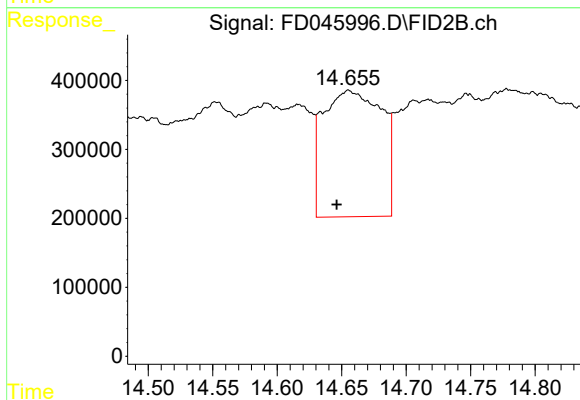
R.T.: 12.741 min
Delta R.T.: 0.002 min
Response: 1541705
Conc: 7.93 ug/ml



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

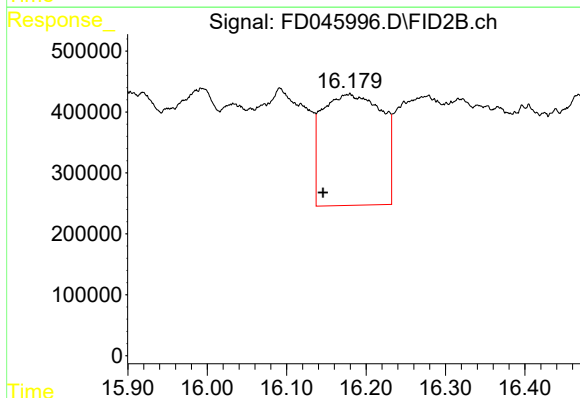
R.T.: 14.592 min
Delta R.T.: -0.012 min
Response: 3191793
Conc: 17.75 ug/ml

Instrument :
FID_D
ClientSampleId :



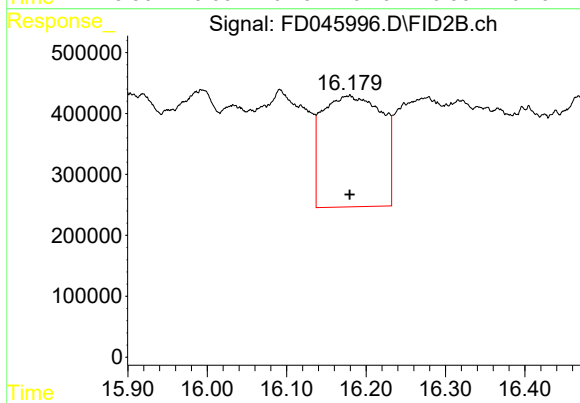
#15 Chrysene (C27.41)

R.T.: 14.656 min
Delta R.T.: 0.009 min
Response: 5794452
Conc: 29.52 ug/ml



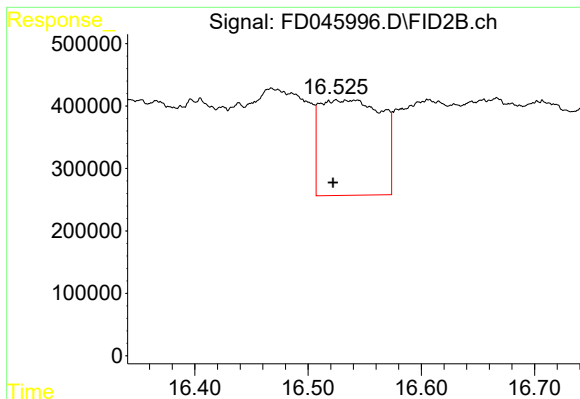
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.178 min
Delta R.T.: 0.033 min
Response: 9558587
Conc: 50.96 ug/ml



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

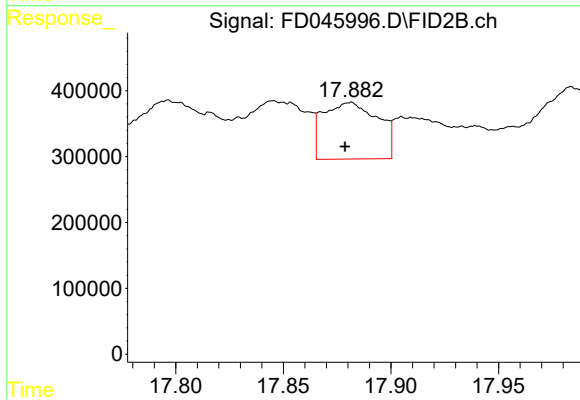
R.T.: 16.178 min
Delta R.T.: 0.000 min
Response: 9558587
Conc: 48.32 ug/ml



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

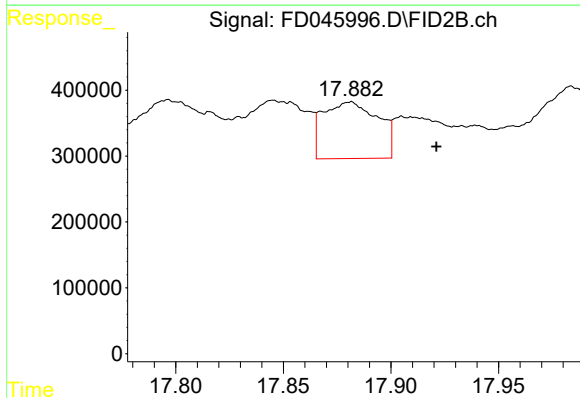
R.T.: 16.525 min
Delta R.T.: 0.003 min
Response: 5805998
Conc: 33.32 ug/ml

Instrument :
FID_D
ClientSampleId :



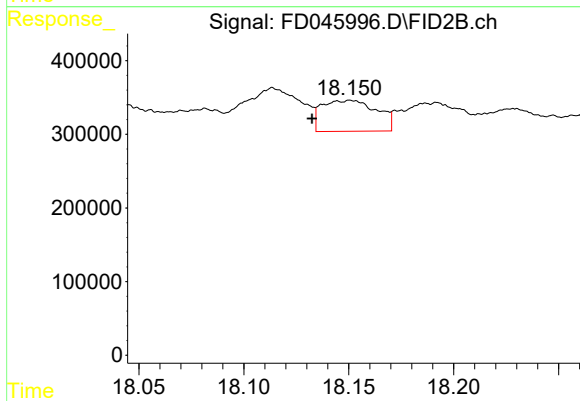
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.881 min
Delta R.T.: 0.002 min
Response: 1526755
Conc: 8.20 ug/ml



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

R.T.: 17.881 min
Delta R.T.: -0.040 min
Response: 1526755
Conc: 8.30 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.018 min
Response: 766105
Conc: 4.10 ug/ml