

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120924AR\
 Data File : FD048853.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2024 15:41
 Operator : YP/AJ
 Sample : PP24077
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 10 06:16:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

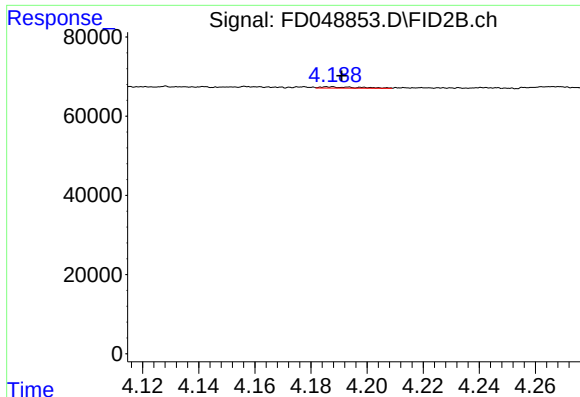
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.368	16996846	96.541 ug/ml
Spiked Amount 50.000		Recovery =	193.08%
6) S 2-Fluorobiphenyl (SURR)	8.218	11550986	100.295 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	200.59%#
11) S ortho-Terphenyl (SURR)	11.250	20222	0.105 ug/ml
Spiked Amount 50.000		Recovery =	0.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	2977	0.016 ug/ml
2) T Naphthalene (C11.7)	5.717	3240	0.017 ug/ml
3) T 2-Methylnaphthalene (...)	6.770	16990	0.089 ug/ml
5) T Acenaphthylene (C15.06)	8.030	6679	0.034 ug/ml
8) T Fluorene (C16.55)	9.106	7267	0.038 ug/ml
9) T Phenanthrene (C19.36)	10.514	21627	0.118 ug/ml
10) T Anthracene (C19.43)	10.545	8405	0.045 ug/ml
12) T Fluoranthene (C21.85)	12.302	15107	0.082 ug/ml
13) T Pyrene (C20.8)	12.593	7829	0.043 ug/ml
14) T Benzo[a]anthracene (C...	14.402	11247	0.068 ug/ml
15) T Chrysene (C27.41)	14.517	21747	0.124 ug/ml
16) T benzo[b]fluoranthene ...	15.953	12949	0.082 ug/ml
17) T Bnezo[k]fluoranthene ...	16.038	8149	0.050 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.407	28743	0.193 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	3326	0.027 ug/ml
20) T Dibenz[a,h]anthracene...	17.805	53638	0.342 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	1183	0.008 ug/ml

(f)=RT Delta > 1/2 Window

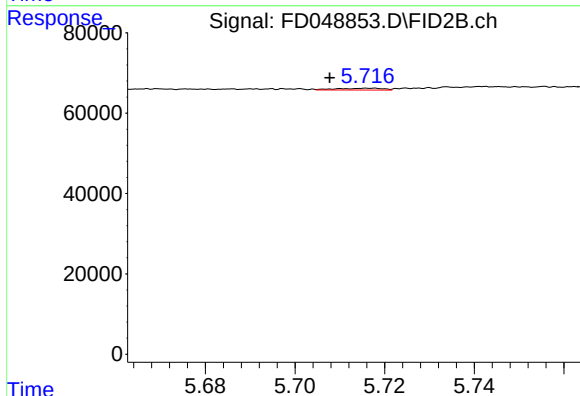
(m)=manual int.



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

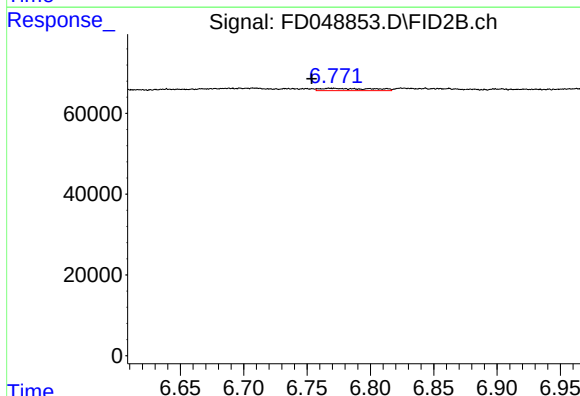
R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 2977
Conc: 0.02 ug/ml

Instrument :
FID_D
ClientSampleId :



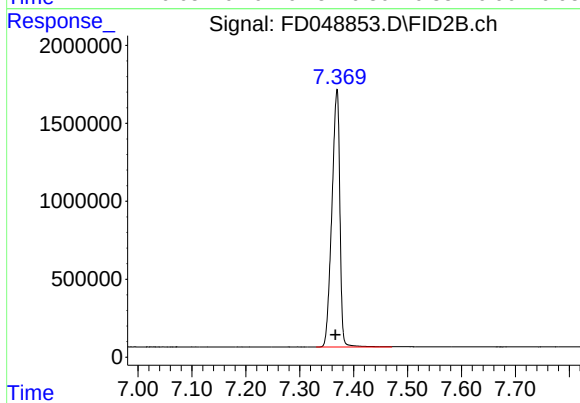
#2 Naphthalene (C11.7)

R.T.: 5.717 min
Delta R.T.: 0.009 min
Response: 3240
Conc: 0.02 ug/ml



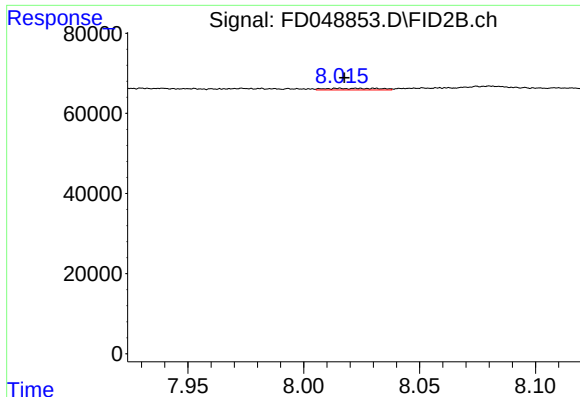
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.770 min
Delta R.T.: 0.016 min
Response: 16990
Conc: 0.09 ug/ml



#4 2-Bromonaphthalene (SURR)

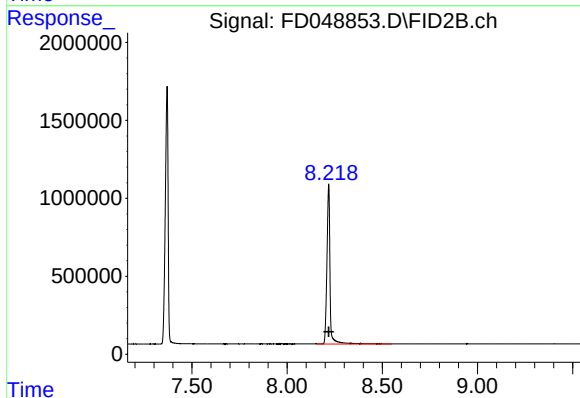
R.T.: 7.368 min
Delta R.T.: 0.002 min
Response: 16996846
Conc: 96.54 ug/ml



#5 Acenaphthylene (C15.06)

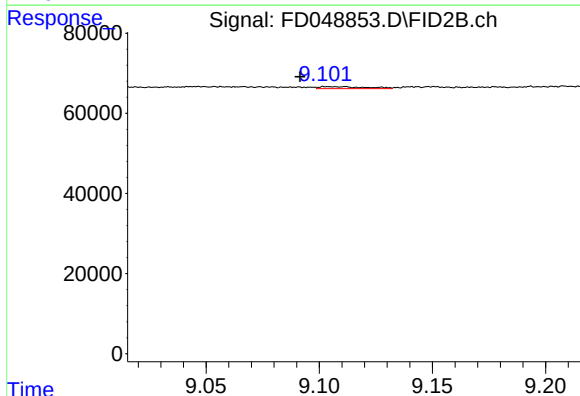
R.T.: 8.030 min
Delta R.T.: 0.013 min
Response: 6679
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



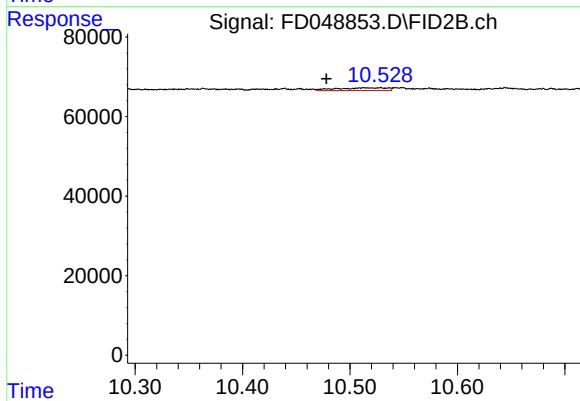
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 11550986
Conc: 100.29 ug/ml



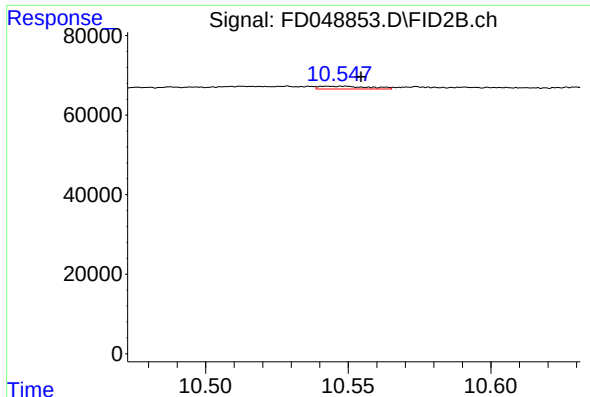
#8 Flouorene (C16.55)

R.T.: 9.106 min
Delta R.T.: 0.015 min
Response: 7267
Conc: 0.04 ug/ml



#9 Phenanthrene (C19.36)

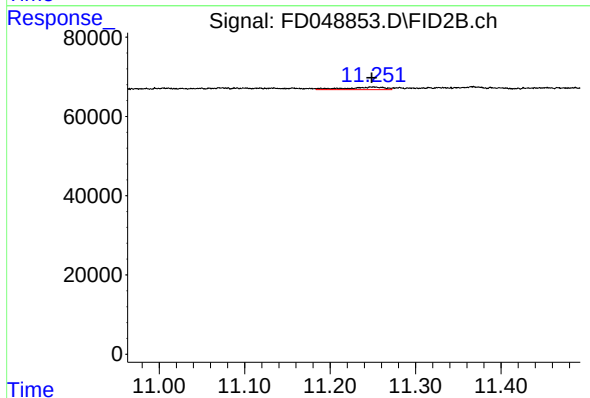
R.T.: 10.514 min
Delta R.T.: 0.036 min
Response: 21627
Conc: 0.12 ug/ml



#10 Anthracene (C19.43)

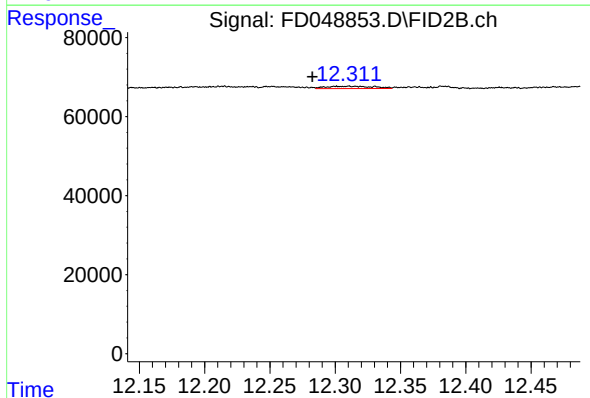
R.T.: 10.545 min
Delta R.T.: -0.009 min
Response: 8405
Conc: 0.04 ug/ml

Instrument :
FID_D
ClientSampleId :



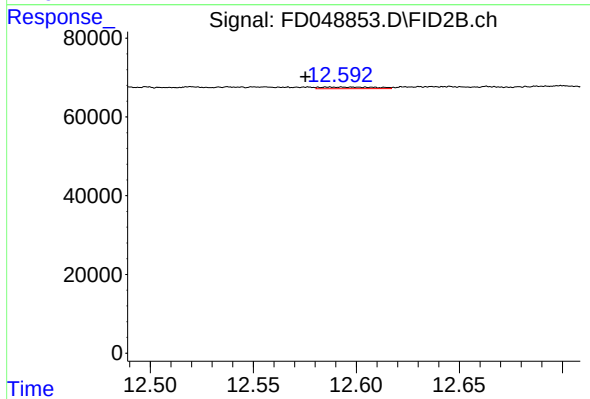
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: 0.002 min
Response: 20222
Conc: 0.11 ug/ml



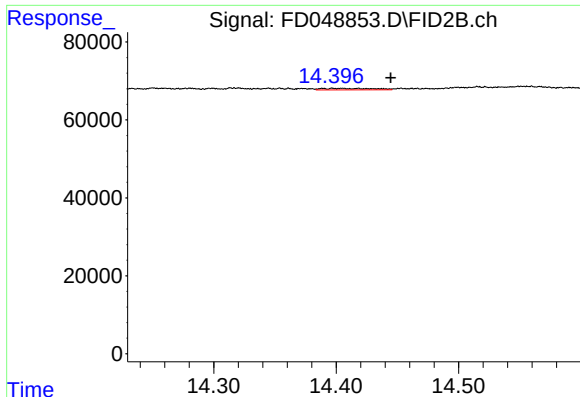
#12 Fluoranthene (C21.85)

R.T.: 12.302 min
Delta R.T.: 0.020 min
Response: 15107
Conc: 0.08 ug/ml



#13 Pyrene (C20.8)

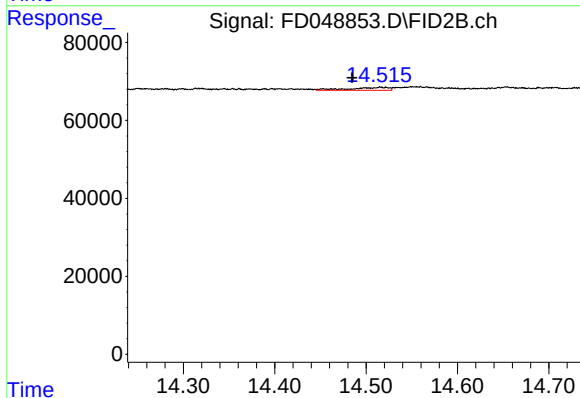
R.T.: 12.593 min
Delta R.T.: 0.018 min
Response: 7829
Conc: 0.04 ug/ml



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

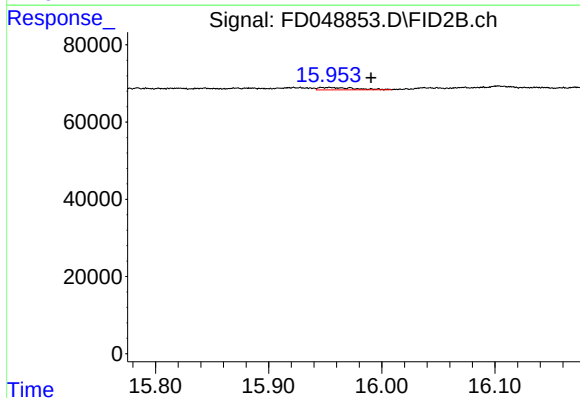
R.T.: 14.402 min
Delta R.T.: -0.042 min
Response: 11247
Conc: 0.07 ug/ml

Instrument :
FID_D
ClientSampleId :



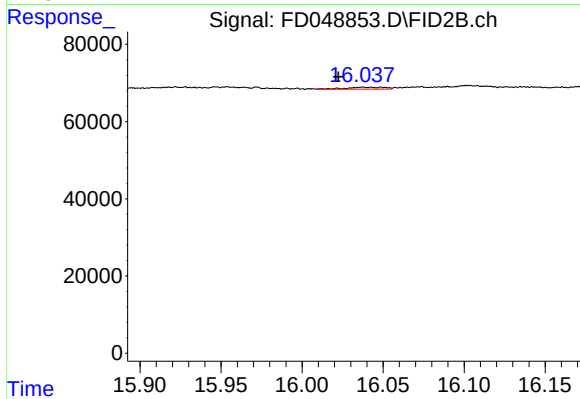
#15 Chrysene (C27.41)

R.T.: 14.517 min
Delta R.T.: 0.032 min
Response: 21747
Conc: 0.12 ug/ml



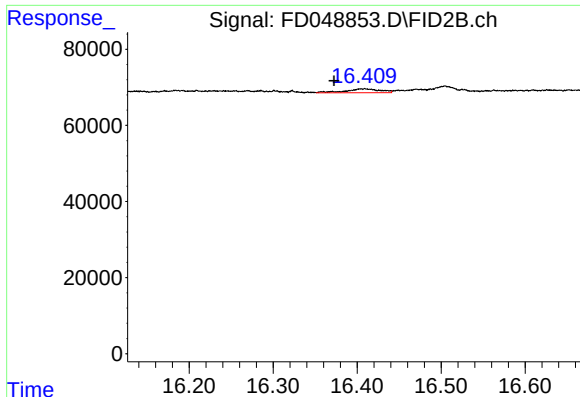
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.953 min
Delta R.T.: -0.037 min
Response: 12949
Conc: 0.08 ug/ml



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

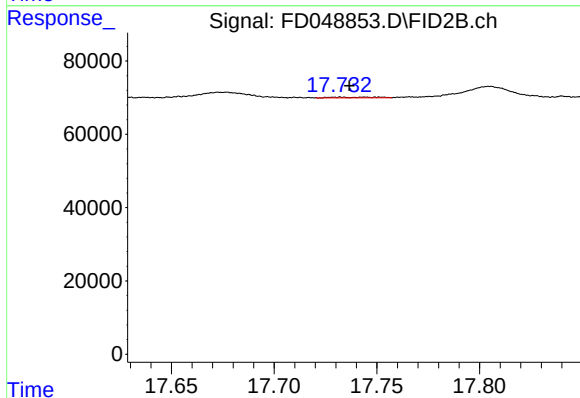
R.T.: 16.038 min
Delta R.T.: 0.015 min
Response: 8149
Conc: 0.05 ug/ml



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

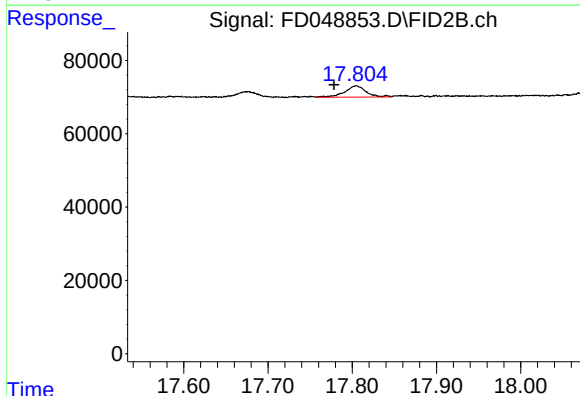
R.T.: 16.407 min
Delta R.T.: 0.035 min
Response: 28743
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



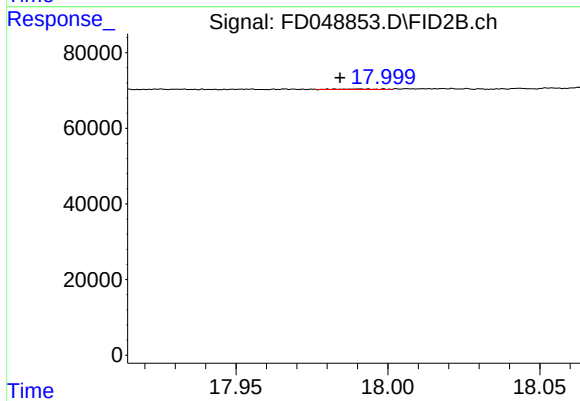
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: 0.009 min
Response: 3326
Conc: 0.03 ug/ml



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

R.T.: 17.805 min
Delta R.T.: 0.026 min
Response: 53638
Conc: 0.34 ug/ml



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

R.T.: 17.992 min
Delta R.T.: 0.007 min
Response: 1183
Conc: 0.01 ug/ml