

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120924AR\
 Data File : FD048851.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2024 12:02
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 10 06:15:45 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

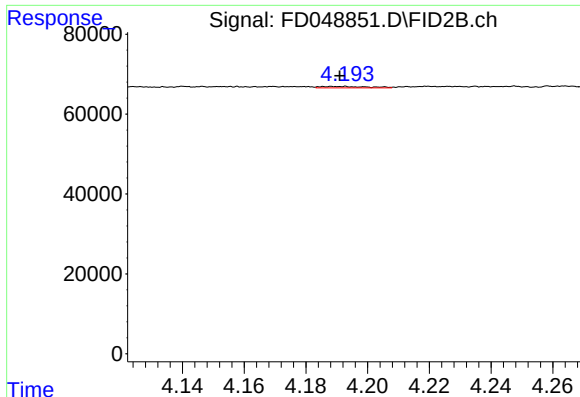
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.368	20237	0.115 ug/ml
Spiked Amount 50.000		Recovery =	0.23%
6) S 2-Fluorobiphenyl (SURR)	8.209	8367	0.073 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	0.15%
11) S ortho-Terphenyl (SURR)	11.250	20813	0.108 ug/ml
Spiked Amount 50.000		Recovery =	0.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	3685	0.020 ug/ml
2) T Naphthalene (C11.7)	5.704	5821	0.030 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	19816	0.104 ug/ml
5) T Acenaphthylene (C15.06)	7.977	22095	0.114 ug/ml
7) T Acenaphthene (C15.5)	8.323	13139	0.068 ug/ml
8) T Flouorene (C16.55)	9.106	30411	0.159 ug/ml
9) T Phenanthrene (C19.36)	10.448	5988	0.033 ug/ml
10) T Anthracene (C19.43)	10.568	7518	0.040 ug/ml
12) T Fluoranthene (C21.85)	12.262	5687	0.031 ug/ml
13) T Pyrene (C20.8)	12.581	2507	0.014 ug/ml
14) T Benzo[a]anthracene (C...	14.437	4909	0.030 ug/ml
15) T Chrysene (C27.41)	14.511	16649	0.095 ug/ml
16) T benzo[b]fluoranthene ...	16.002	4608	0.029 ug/ml
17) T Bnezo[k]fluoranthene ...	16.002	4608	0.028 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.410	13213	0.089 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.759	10515	0.085 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	10515	0.067 ug/ml
21) T Benzo[g,h,i]perylene ...	18.008	8401	0.059 ug/ml

(f)=RT Delta > 1/2 Window

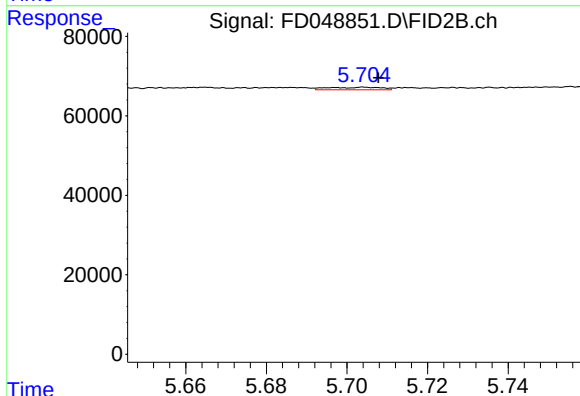
(m)=manual int.



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

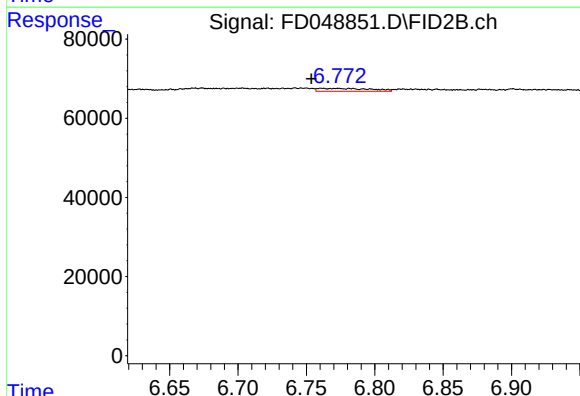
R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 3685
Conc: 0.02 ug/ml

Instrument :
FID_D
ClientSampleId :



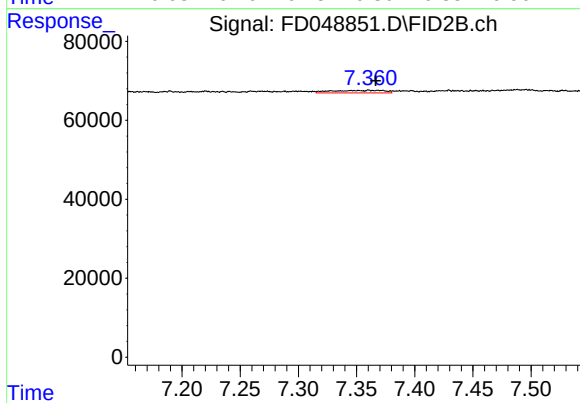
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.003 min
Response: 5821
Conc: 0.03 ug/ml



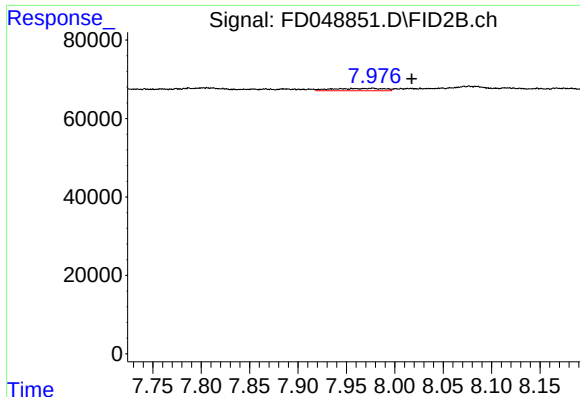
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: 0.007 min
Response: 19816
Conc: 0.10 ug/ml



#4 2-Bromonaphthalene (SURR)

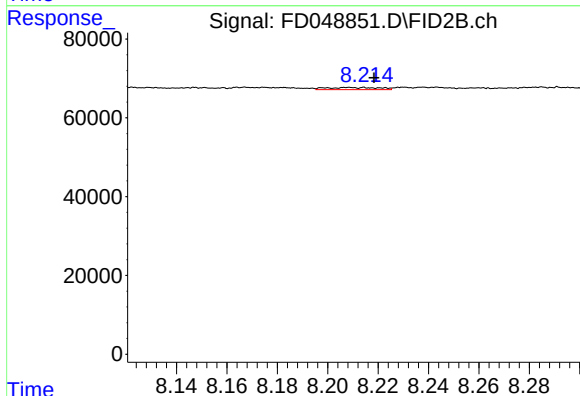
R.T.: 7.368 min
Delta R.T.: 0.002 min
Response: 20237
Conc: 0.11 ug/ml



#5 Acenaphthylene (C15.06)

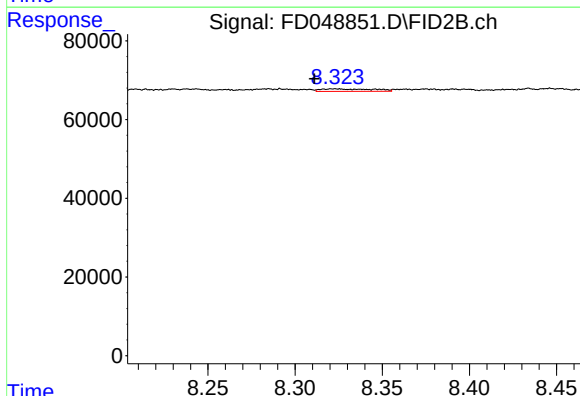
R.T.: 7.977 min
Delta R.T.: -0.041 min
Response: 22095
Conc: 0.11 ug/ml

Instrument :
FID_D
ClientSampleId :



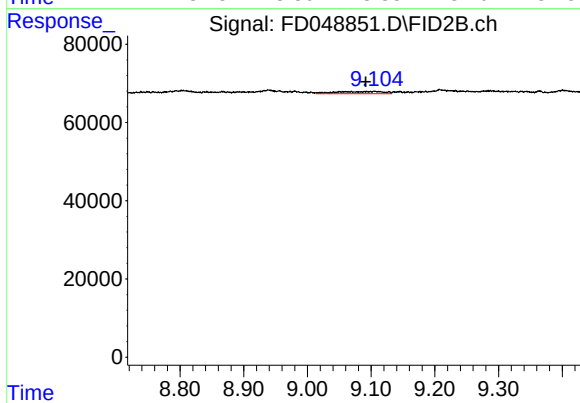
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.209 min
Delta R.T.: -0.009 min
Response: 8367
Conc: 0.07 ug/ml



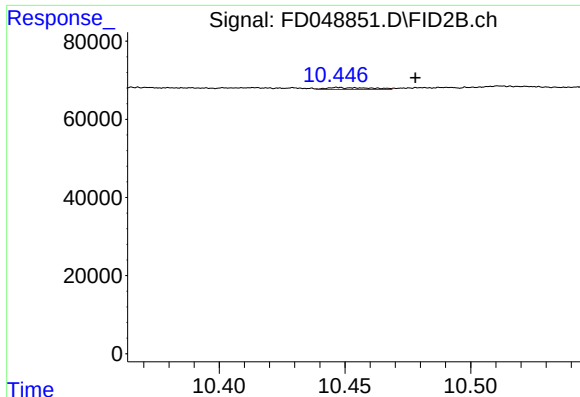
#7 Acenaphthene (C15.5)

R.T.: 8.323 min
Delta R.T.: 0.012 min
Response: 13139
Conc: 0.07 ug/ml



#8 Flouorene (C16.55)

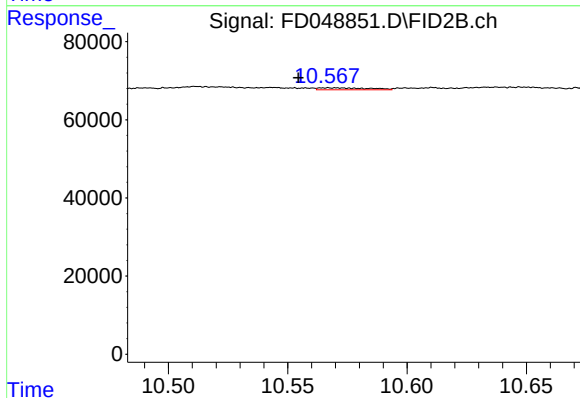
R.T.: 9.106 min
Delta R.T.: 0.015 min
Response: 30411
Conc: 0.16 ug/ml



#9 Phenanthrene (C19.36)

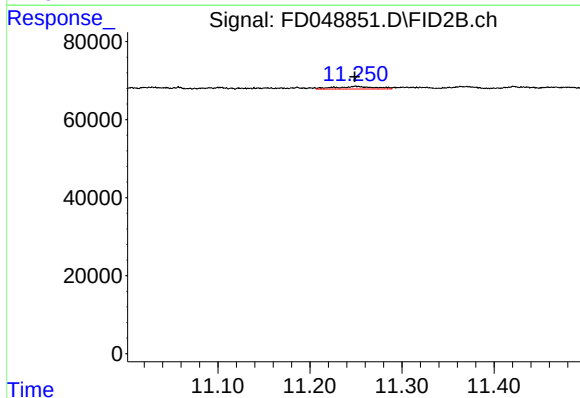
R.T.: 10.448 min
Delta R.T.: -0.030 min
Response: 5988
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



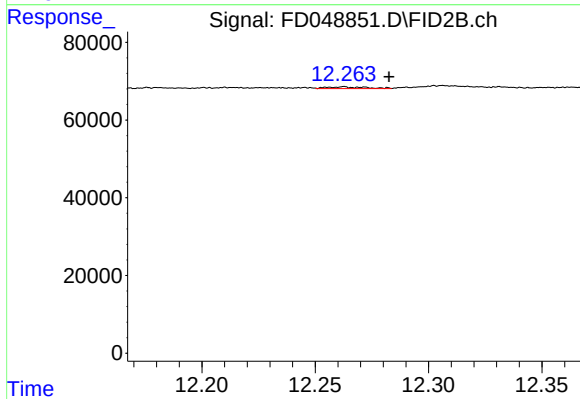
#10 Anthracene (C19.43)

R.T.: 10.568 min
Delta R.T.: 0.013 min
Response: 7518
Conc: 0.04 ug/ml



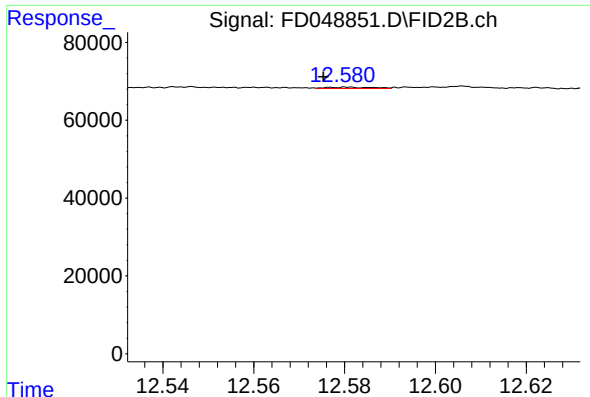
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: 0.002 min
Response: 20813
Conc: 0.11 ug/ml



#12 Fluoranthene (C21.85)

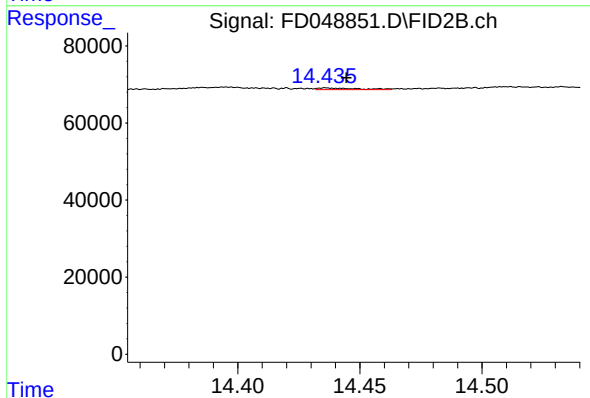
R.T.: 12.262 min
Delta R.T.: -0.020 min
Response: 5687
Conc: 0.03 ug/ml



#13 Pyrene (C20.8)

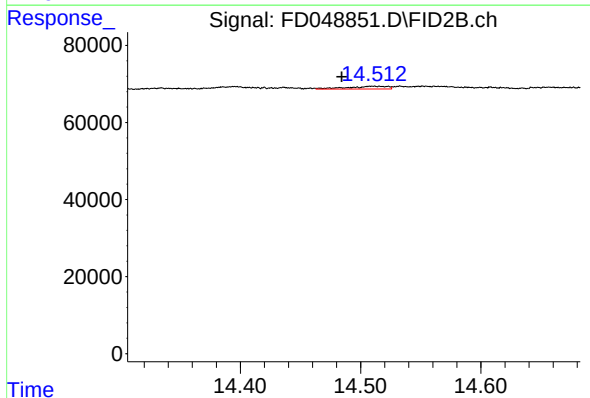
R.T.: 12.581 min
Delta R.T.: 0.006 min
Response: 2507
Conc: 0.01 ug/ml

Instrument :
FID_D
ClientSampleId :



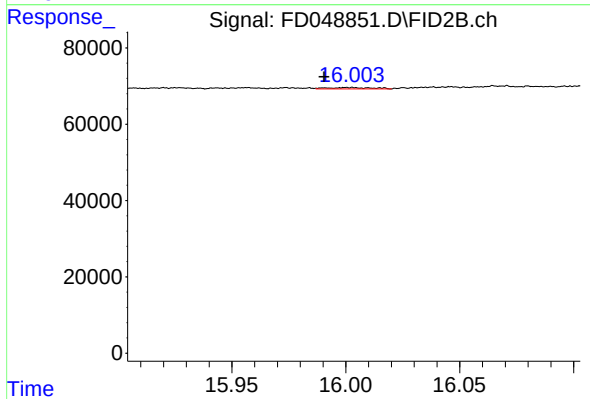
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.437 min
Delta R.T.: -0.008 min
Response: 4909
Conc: 0.03 ug/ml



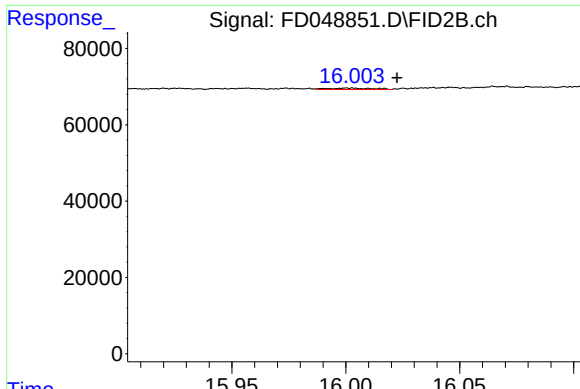
#15 Chrysene (C27.41)

R.T.: 14.511 min
Delta R.T.: 0.027 min
Response: 16649
Conc: 0.10 ug/ml



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

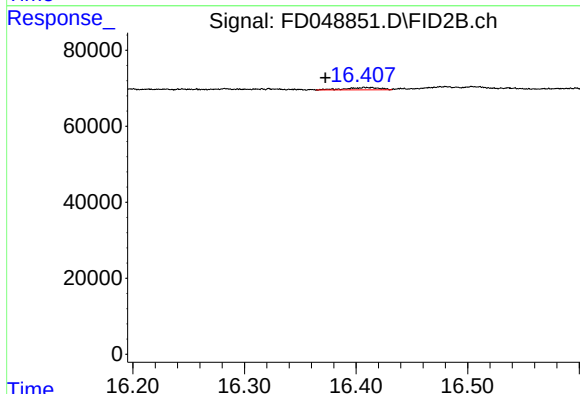
R.T.: 16.002 min
Delta R.T.: 0.011 min
Response: 4608
Conc: 0.03 ug/ml



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

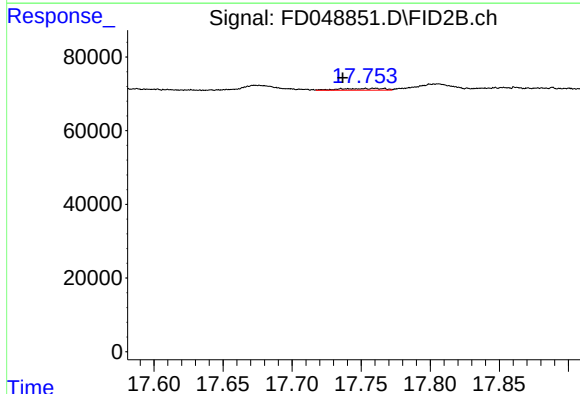
R.T.: 16.002 min
Delta R.T.: -0.021 min
Response: 4608
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



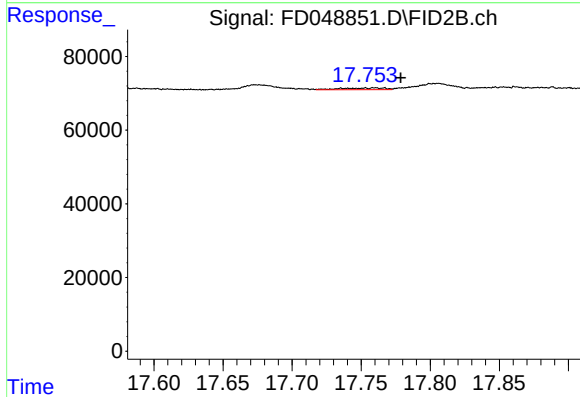
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.410 min
Delta R.T.: 0.038 min
Response: 13213
Conc: 0.09 ug/ml



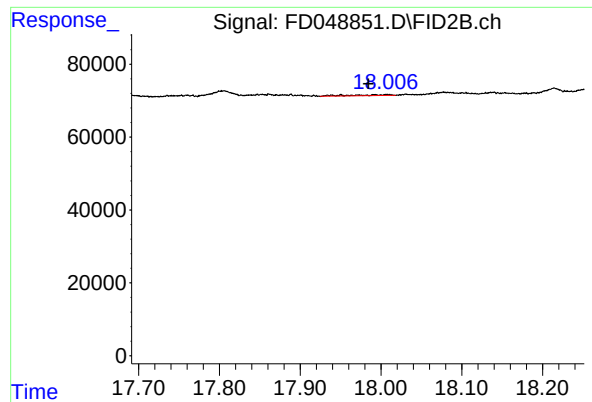
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.759 min
Delta R.T.: 0.022 min
Response: 10515
Conc: 0.09 ug/ml



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

R.T.: 17.759 min
Delta R.T.: -0.020 min
Response: 10515
Conc: 0.07 ug/ml



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

R.T.: 18.008 min
Delta R.T.: 0.023 min
Response: 8401
Conc: 0.06 ug/ml

Instrument :

FID_D

ClientSampleId :