

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033023AR\
 Data File : FD045380.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2023 21:41
 Operator : YP/AJ
 Sample : 02109-01
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 02:39:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.550	7471266	54.531 ug/ml
Spiked Amount 50.000		Recovery =	109.06%
6) S 2-Fluorobiphenyl (SURR)	8.406	4771476	53.225 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.45%
11) S ortho-Terphenyl (SURR)	11.447	7450151	42.821 ug/ml
Spiked Amount 50.000		Recovery =	85.64%
Target Compounds			
2) T Naphthalene (C11.7)	5.888	67126	0.418 ug/ml
12) T Fluoranthene (C21.85)	12.499	45458	0.316 ug/ml
14) T Benzo[a]anthracene (C...	14.673	43802	0.342 ug/ml
15) T Chrysene (C27.41)	14.673	43802	0.330 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	43462	0.346 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.902	65025	0.549 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	158526	1.331 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	109821	0.879 ug/ml

(f)=RT Delta > 1/2 Window

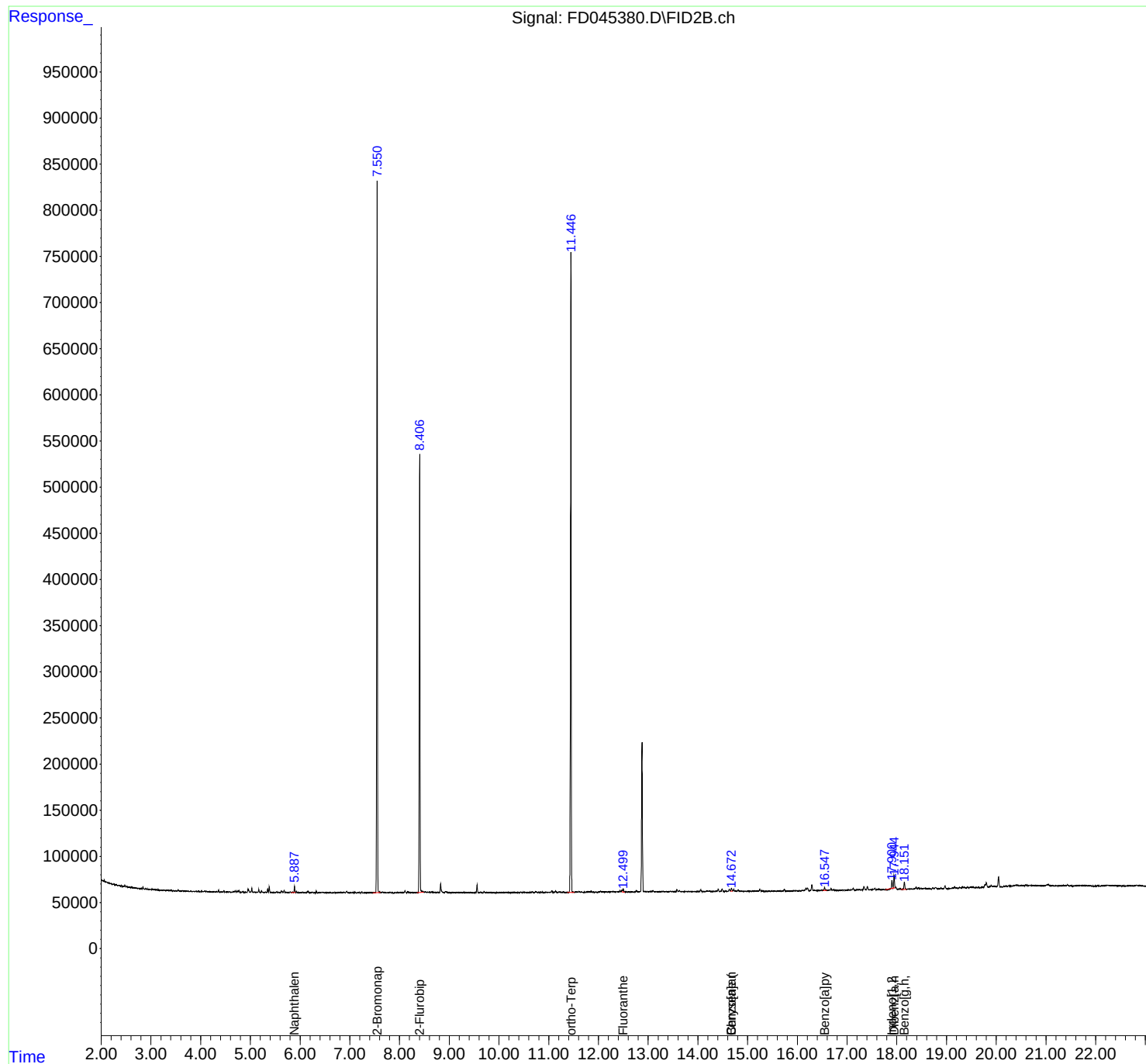
(m)=manual int.

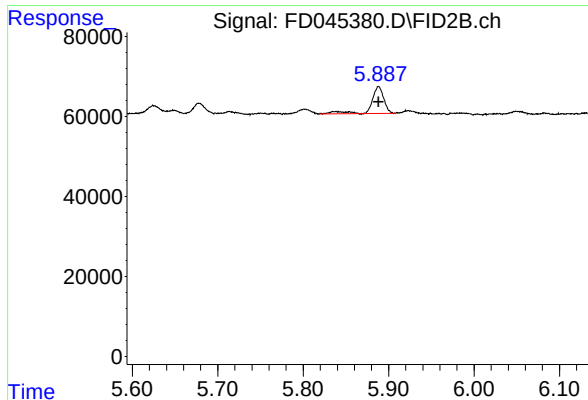
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

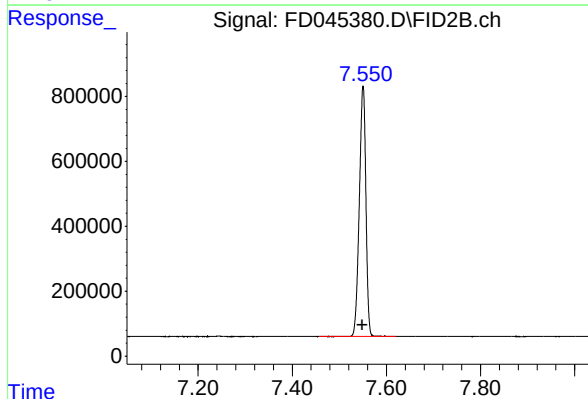




#2 Naphthalene (C11.7)

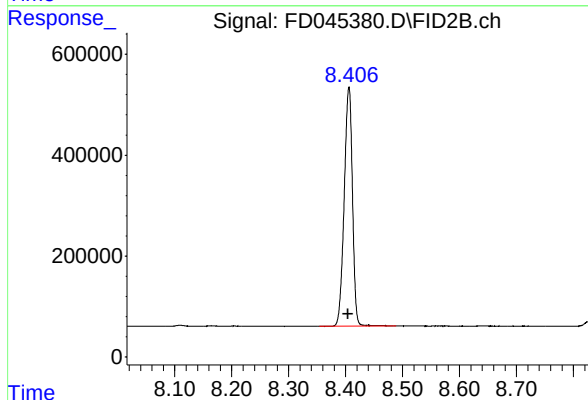
R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 67126
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



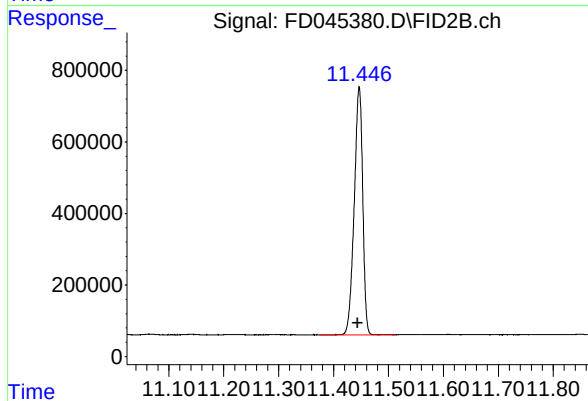
#4 2-Bromonaphthalene (SURR)

R.T.: 7.550 min
Delta R.T.: 0.002 min
Response: 7471266
Conc: 54.53 ug/ml



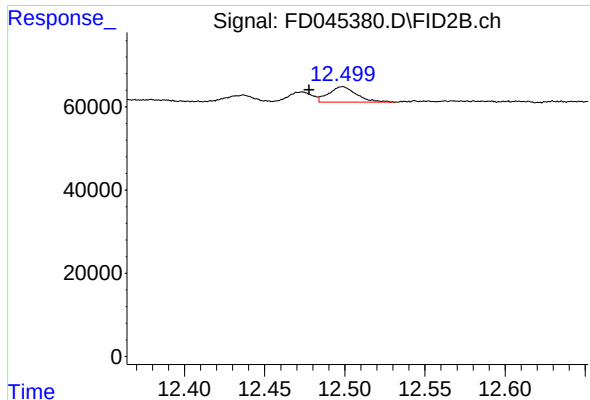
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.406 min
Delta R.T.: 0.002 min
Response: 4771476
Conc: 53.22 ug/ml



#11 ortho-Terphenyl (SURR)

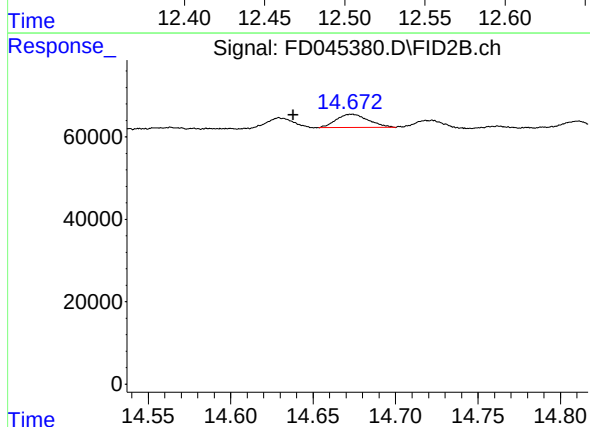
R.T.: 11.447 min
Delta R.T.: 0.002 min
Response: 7450151
Conc: 42.82 ug/ml



#12 Fluoranthene (C21.85)

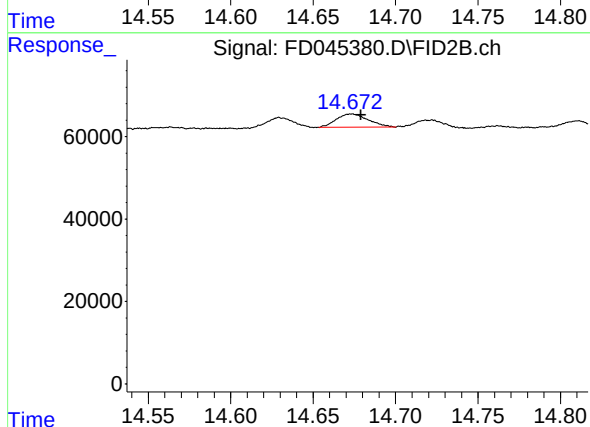
R.T.: 12.499 min
Delta R.T.: 0.021 min
Response: 45458
Conc: 0.32 ug/ml

Instrument :
FID_D
ClientSampleId :



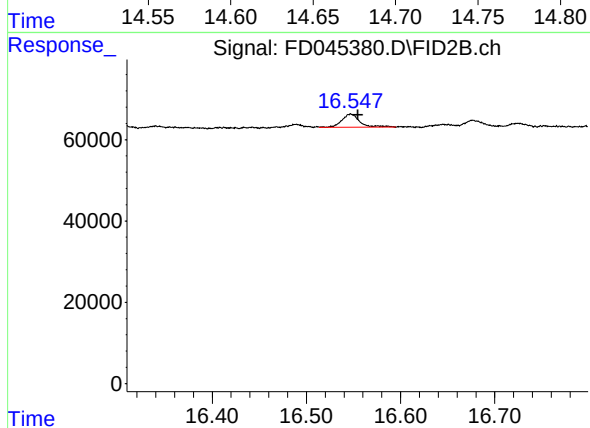
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.673 min
Delta R.T.: 0.036 min
Response: 43802
Conc: 0.34 ug/ml



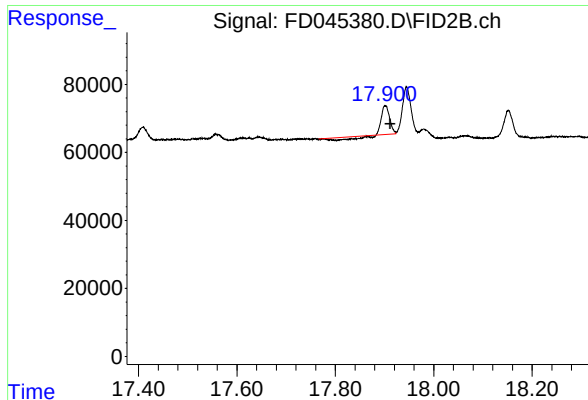
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: -0.006 min
Response: 43802
Conc: 0.33 ug/ml



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

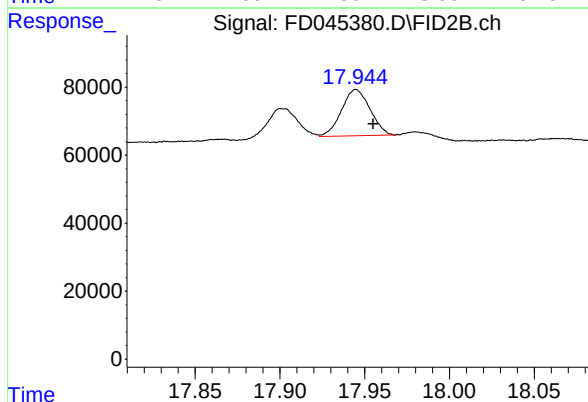
R.T.: 16.547 min
Delta R.T.: -0.008 min
Response: 43462
Conc: 0.35 ug/ml



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

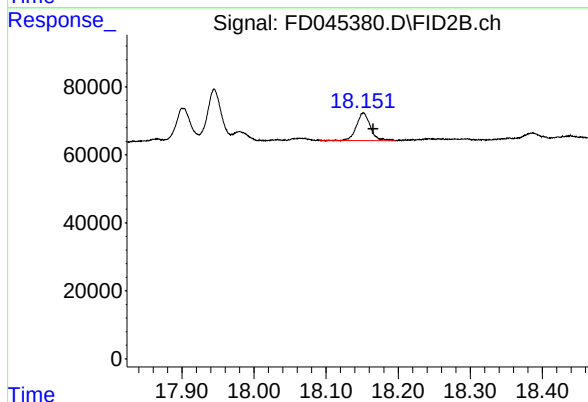
R.T.: 17.902 min
Delta R.T.: -0.010 min
Response: 65025
Conc: 0.55 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.945 min
Delta R.T.: -0.010 min
Response: 158526
Conc: 1.33 ug/ml



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

R.T.: 18.152 min
Delta R.T.: -0.014 min
Response: 109821
Conc: 0.88 ug/ml