

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045679.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2023 09:05
 Operator : YP/AJ
 Sample : 02808-03
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 18 16:39:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.545	8794107	51.556 ug/ml
Spiked Amount 50.000		Recovery =	103.11%
6) S 2-Fluorobiphenyl (SURR)	8.401	5793602	50.390 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.78%
11) S ortho-Terphenyl (SURR)	11.439	6395289	30.292 ug/ml
Spiked Amount 50.000		Recovery =	60.58%
Target Compounds			
9) T Phenanthrene (C19.36)	10.663	66518	0.358 ug/ml
10) T Anthracene (C19.43)	10.767	78033	0.436 ug/ml
12) T Fluoranthene (C21.85)	12.466	77095	0.427 ug/ml
13) T Pyrene (C20.8)	12.762	71985	0.411 ug/ml
14) T Benzo[a]anthracene (C...	14.664	58205	0.366 ug/ml
15) T Chrysene (C27.41)	14.664	58205	0.358 ug/ml
16) T benzo[b]fluoranthene ...	16.166	371090	2.520 ug/ml
17) T Bnezo[k]fluoranthene ...	16.166	371090	2.566 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.481f	90121	0.646 ug/ml
20) T Dibenz[a,h]anthracene...	17.972	624588	4.863 ug/ml
21) T Benzo[g,h,i]perylene ...	18.144	39966	0.311 ug/ml

(f)=RT Delta > 1/2 Window

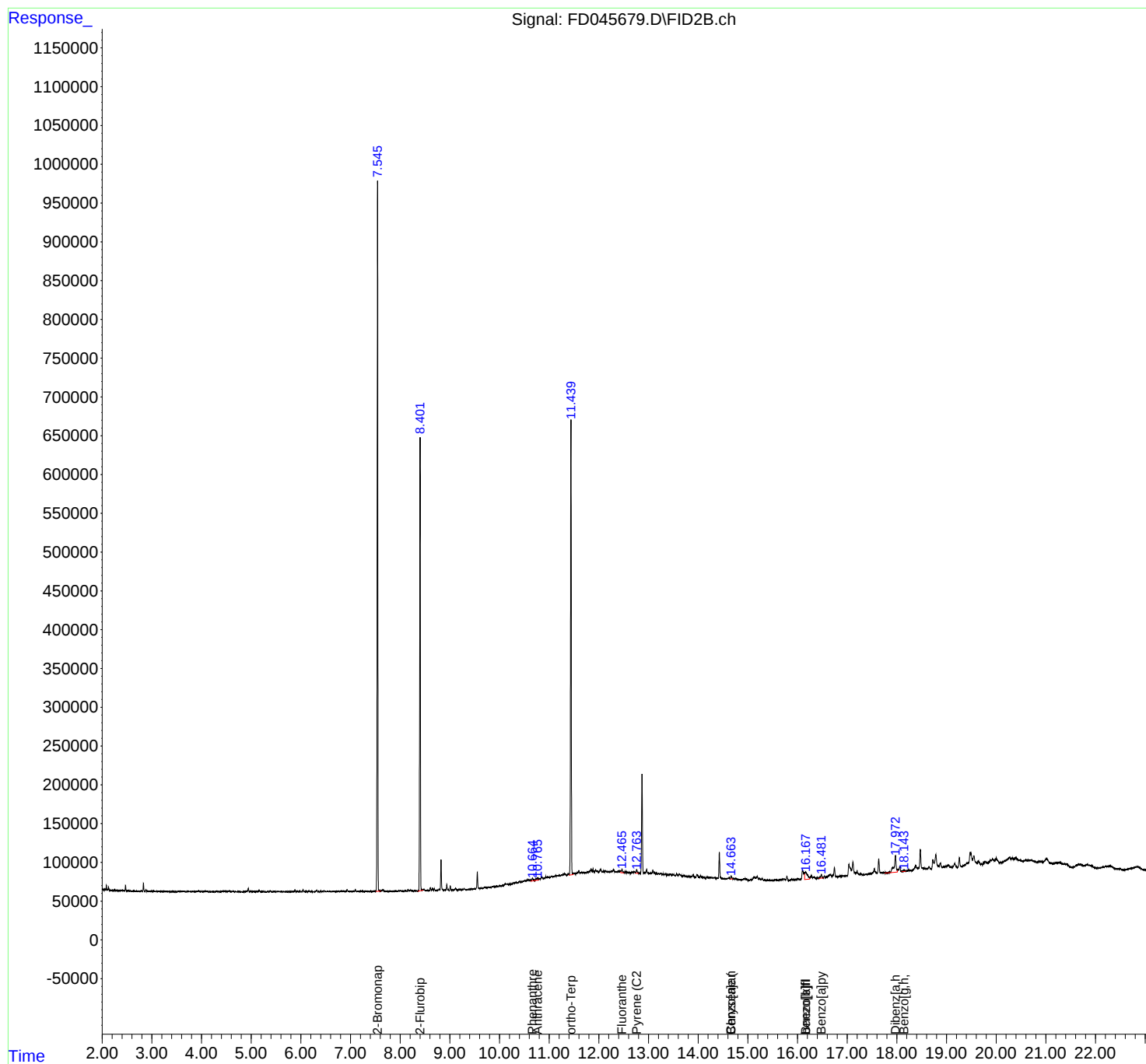
(m)=manual int.

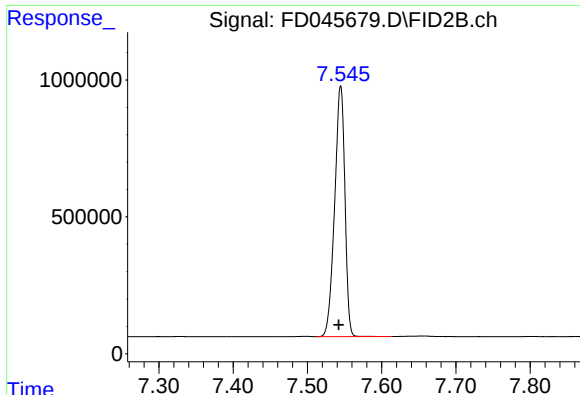
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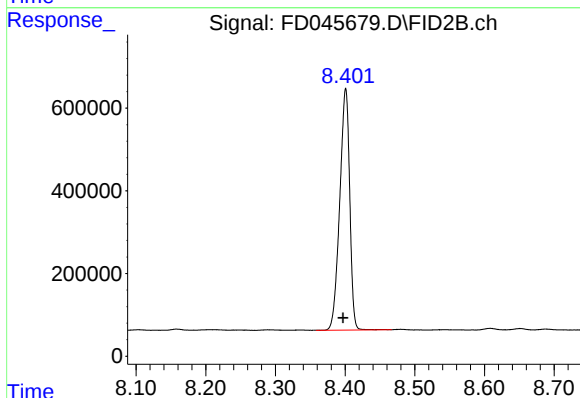




#4 2-Bromonaphthalene (SURRE)

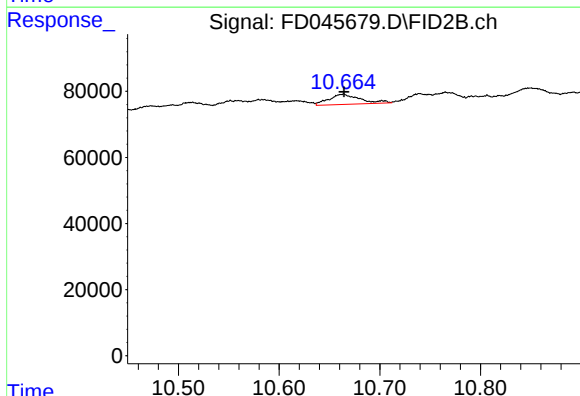
R.T.: 7.545 min
Delta R.T.: 0.002 min
Response: 8794107
Conc: 51.56 ug/ml

Instrument :
FID_D
ClientSampleId :



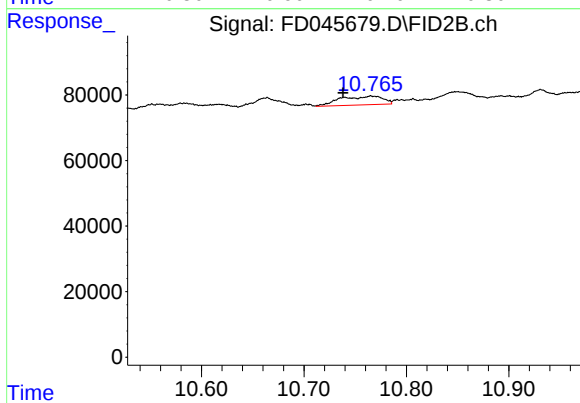
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.401 min
Delta R.T.: 0.003 min
Response: 5793602
Conc: 50.39 ug/ml



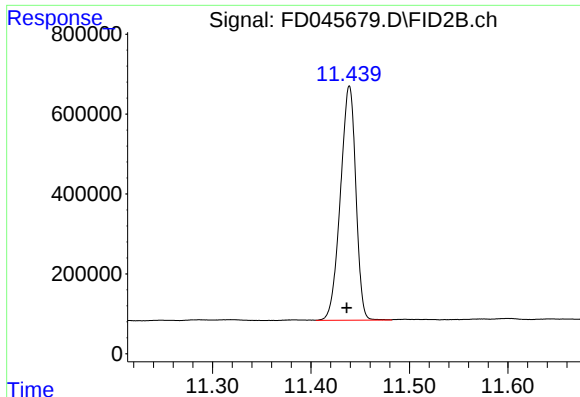
#9 Phenanthrene (C19.36)

R.T.: 10.663 min
Delta R.T.: -0.002 min
Response: 66518
Conc: 0.36 ug/ml



#10 Anthracene (C19.43)

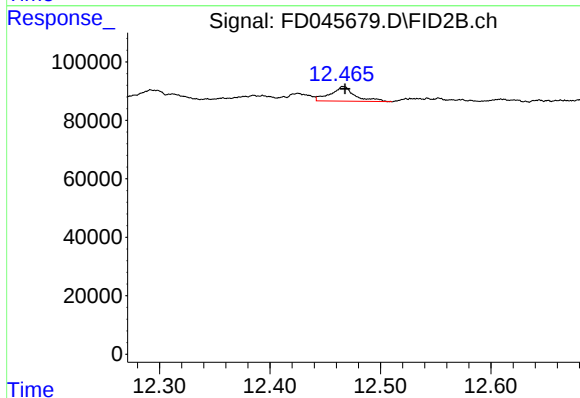
R.T.: 10.767 min
Delta R.T.: 0.029 min
Response: 78033
Conc: 0.44 ug/ml



#11 ortho-Terphenyl (SURR)

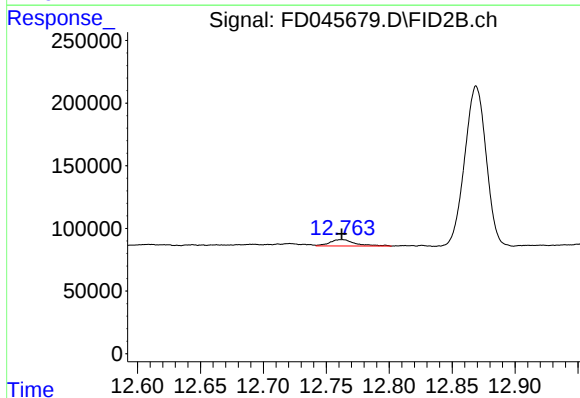
R.T.: 11.439 min
Delta R.T.: 0.003 min
Response: 6395289
Conc: 30.29 ug/ml

Instrument :
FID_D
ClientSampleId :



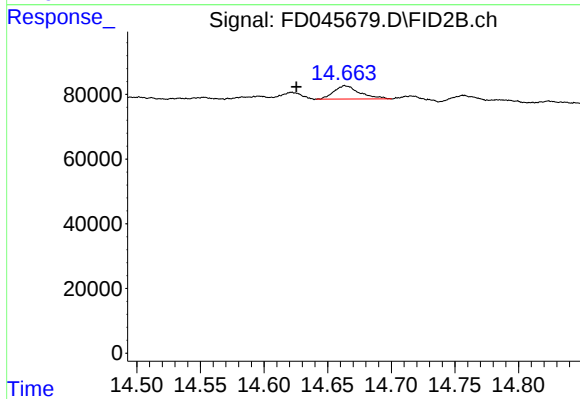
#12 Fluoranthene (C21.85)

R.T.: 12.466 min
Delta R.T.: -0.002 min
Response: 77095
Conc: 0.43 ug/ml



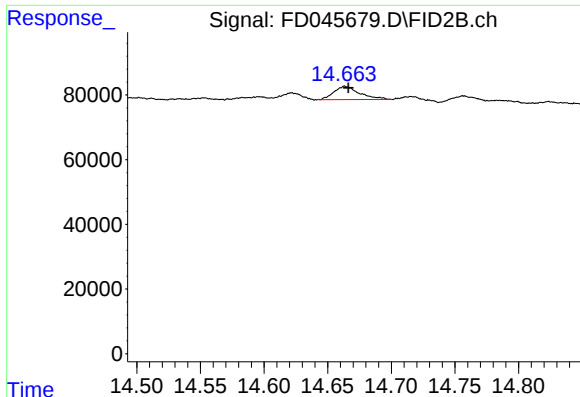
#13 Pyrene (C20.8)

R.T.: 12.762 min
Delta R.T.: 0.000 min
Response: 71985
Conc: 0.41 ug/ml



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

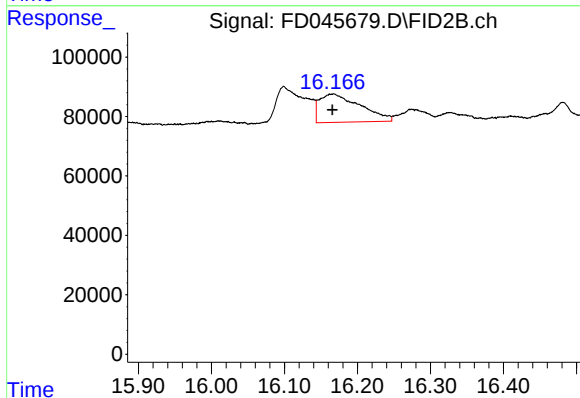
R.T.: 14.664 min
Delta R.T.: 0.039 min
Response: 58205
Conc: 0.37 ug/ml



#15 Chrysene (C27.41)

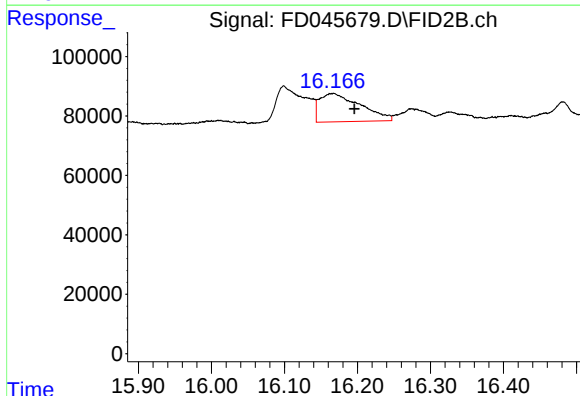
R.T.: 14.664 min
Delta R.T.: -0.002 min
Response: 58205
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



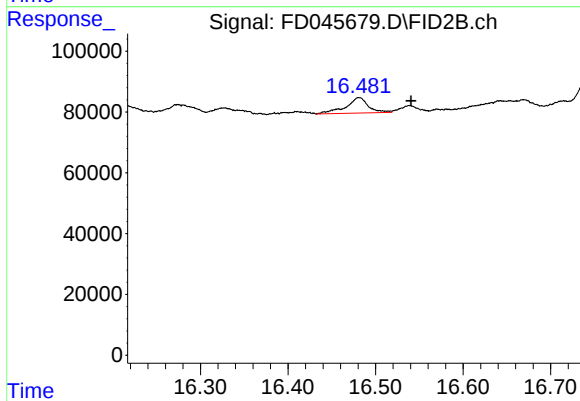
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.166 min
Delta R.T.: 0.000 min
Response: 371090
Conc: 2.52 ug/ml



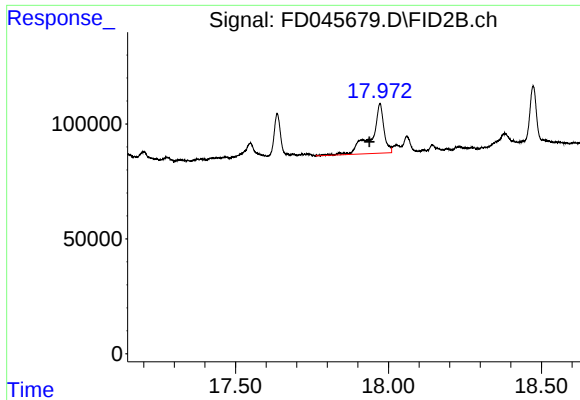
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.166 min
Delta R.T.: -0.030 min
Response: 371090
Conc: 2.57 ug/ml



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

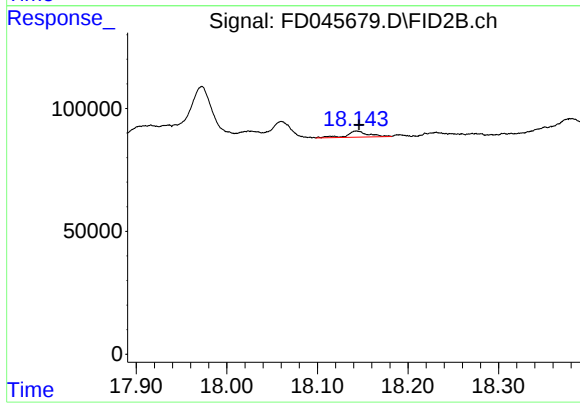
R.T.: 16.481 min
Delta R.T.: -0.059 min
Response: 90121
Conc: 0.65 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.034 min
Response: 624588
Conc: 4.86 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.144 min
Delta R.T.: -0.002 min
Response: 39966
Conc: 0.31 ug/ml