

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011223AR\
 Data File : FD044767.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jan 2023 19:13
 Operator : YP/AJ
 Sample : 01056-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 13 04:49:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 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...	7.662	6549510	45.418 ug/ml
Spiked Amount 50.000		Recovery =	90.84%
6) S 2-Fluorobiphenyl (SURR)	8.518	3667512	37.782 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.56%
11) S ortho-Terphenyl (SURR)	11.546	4360689	24.203 ug/ml
Spiked Amount 50.000		Recovery =	48.41%
Target Compounds			
14) T Benzo[a]anthracene (C...	14.730	59533	0.419 ug/ml
15) T Chrysene (C27.41)	14.771	65410	0.431 ug/ml
16) T benzo[b]fluoranthene ...	16.269	118382	0.787 ug/ml
17) T Bnezo[k]fluoranthene ...	16.300	135763	0.896 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.643	161088	1.110 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.999	902569	6.382 ug/ml
20) T Dibenz[a,h]anthracene...	18.041	991539	6.764 ug/ml
21) T Benzo[g,h,i]perylene ...	18.250	987888	6.954 ug/ml

(f)=RT Delta > 1/2 Window

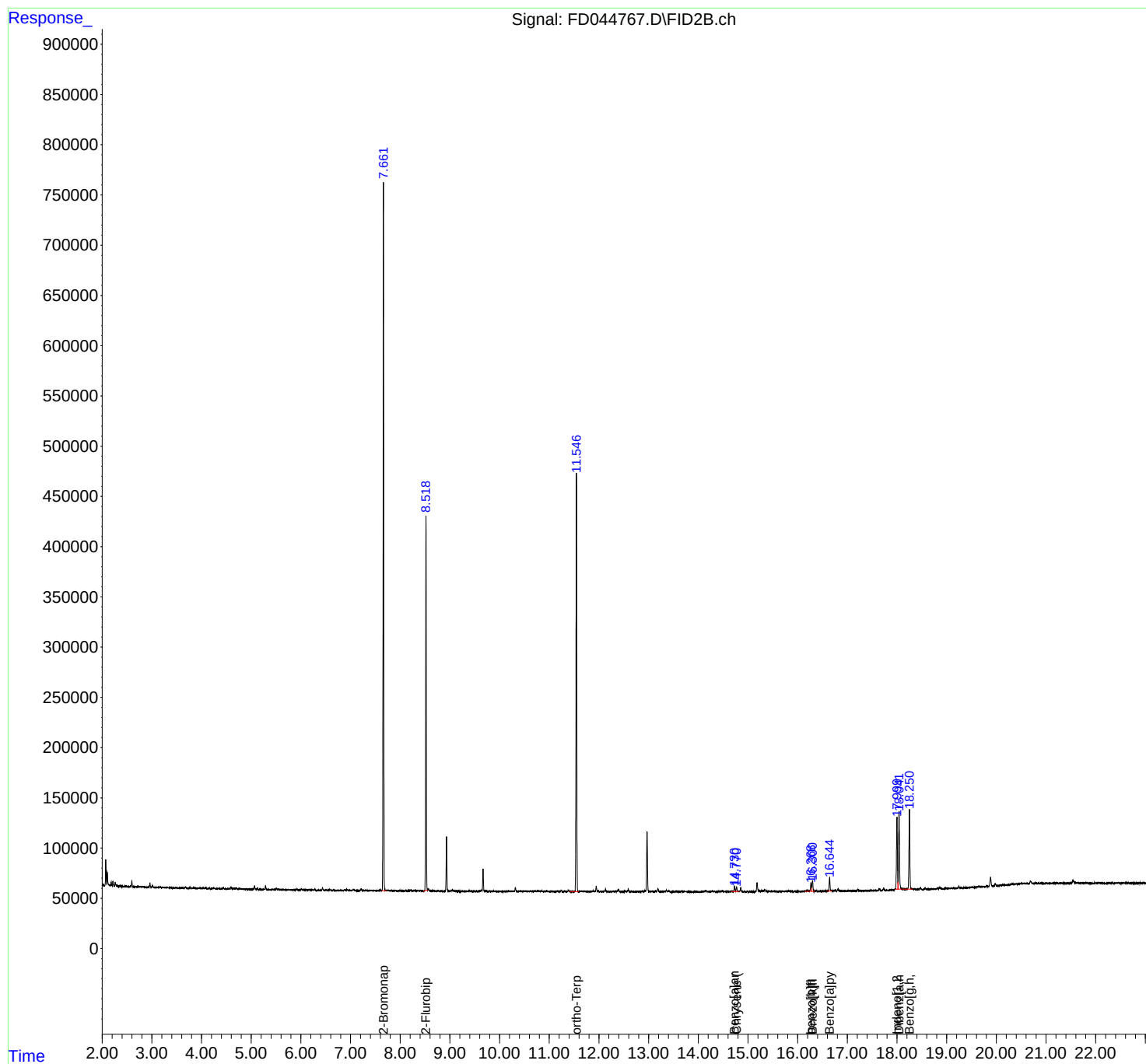
(m)=manual int.

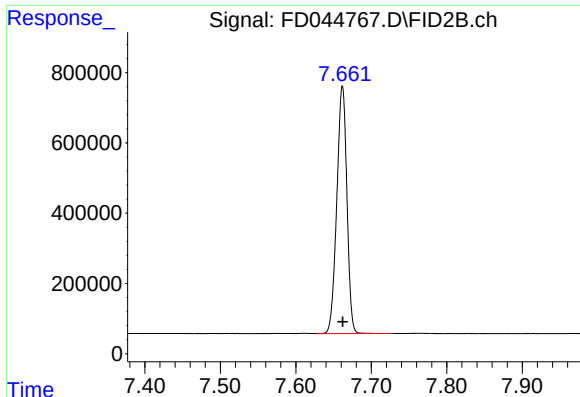
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

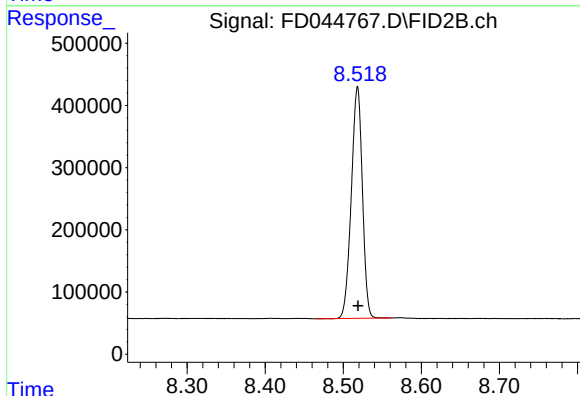




#4 2-Bromonaphthalene (SURRE)

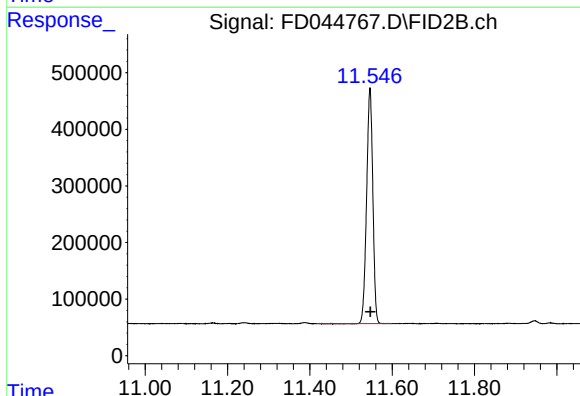
R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 6549510
Conc: 45.42 ug/ml

Instrument :
FID_D
ClientSampleId :



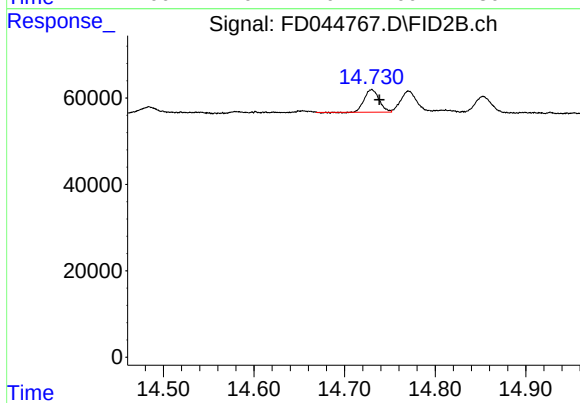
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 3667512
Conc: 37.78 ug/ml



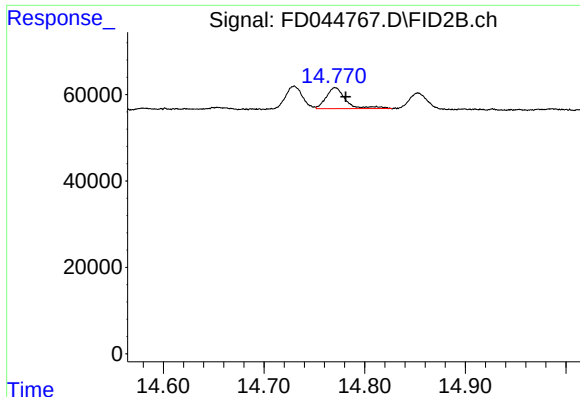
#11 ortho-Terphenyl (SURRE)

R.T.: 11.546 min
Delta R.T.: 0.000 min
Response: 4360689
Conc: 24.20 ug/ml



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

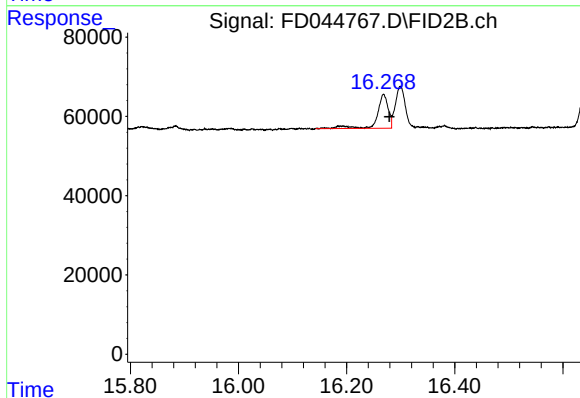
R.T.: 14.730 min
Delta R.T.: -0.009 min
Response: 59533
Conc: 0.42 ug/ml



#15 Chrysene (C27.41)

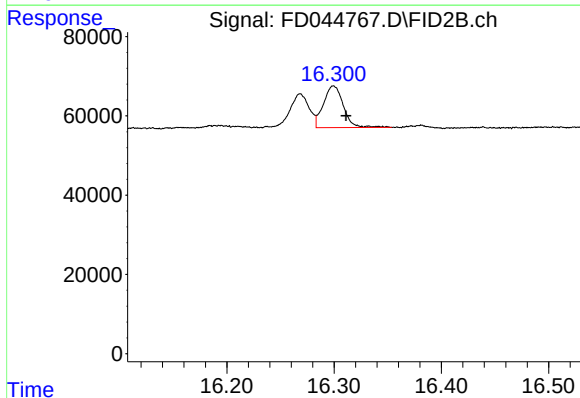
R.T.: 14.771 min
Delta R.T.: -0.010 min
Response: 65410
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



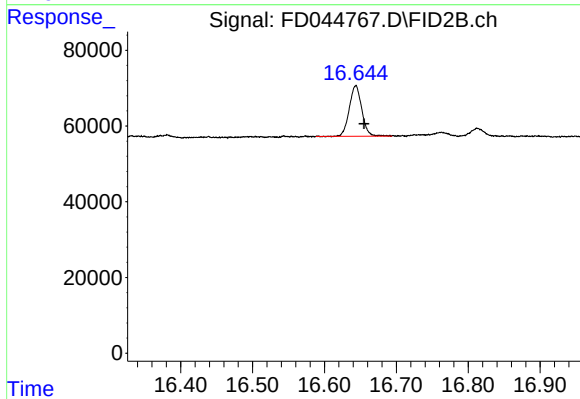
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.269 min
Delta R.T.: -0.010 min
Response: 118382
Conc: 0.79 ug/ml



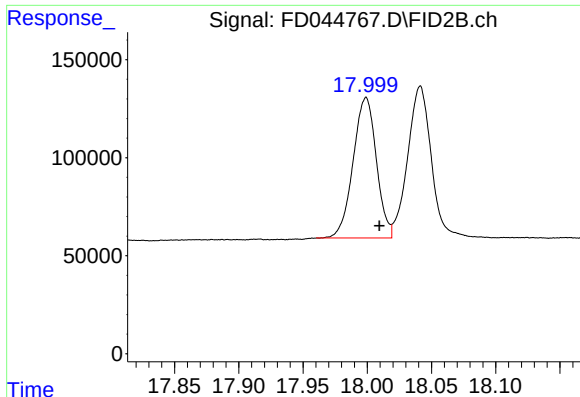
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.300 min
Delta R.T.: -0.012 min
Response: 135763
Conc: 0.90 ug/ml



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

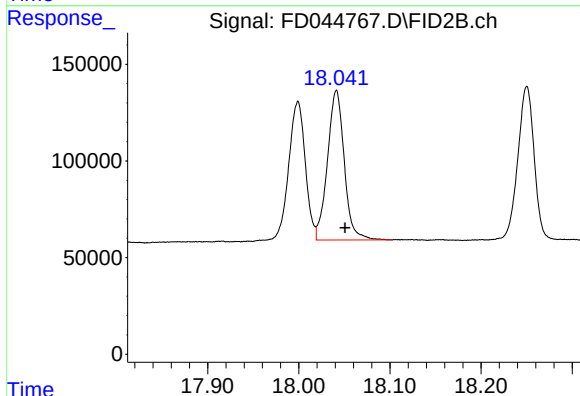
R.T.: 16.643 min
Delta R.T.: -0.011 min
Response: 161088
Conc: 1.11 ug/ml



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

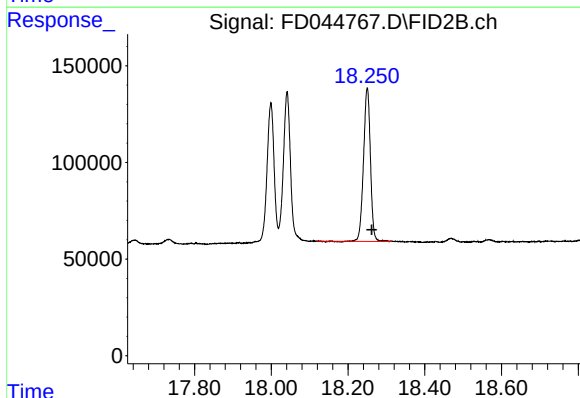
R.T.: 17.999 min
Delta R.T.: -0.011 min
Response: 902569
Conc: 6.38 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.041 min
Delta R.T.: -0.010 min
Response: 991539
Conc: 6.76 ug/ml



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

R.T.: 18.250 min
Delta R.T.: -0.012 min
Response: 987888
Conc: 6.95 ug/ml