

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011223AR\
 Data File : FD044776.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 01:33
 Operator : YP/AJ
 Sample : 01057-01
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 13 04:50:27 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...	7.664	6665195	46.221 ug/ml
Spiked Amount 50.000		Recovery =	92.44%
6) S 2-Fluorobiphenyl (SURR)	8.521	4381618	45.138 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.28%
11) S ortho-Terphenyl (SURR)	11.549	5623001	31.209 ug/ml
Spiked Amount 50.000		Recovery =	62.42%
Target Compounds			
8) T Flouorene (C16.55)	9.392	46865	0.294 ug/ml
9) T Phenanthrene (C19.36)	10.779	490942	3.128 ug/ml
10) T Anthracene (C19.43)	10.853	171680	1.365 ug/ml
12) T Fluoranthene (C21.85)	12.580	1113021	7.088 ug/ml
13) T Pyrene (C20.8)	12.875	940641	6.145 ug/ml
14) T Benzo[a]anthracene (C...	14.733	591505	4.160 ug/ml
15) T Chrysene (C27.41)	14.774	564225	3.721 ug/ml
16) T benzo[b]fluoranthene ...	16.275	671723	4.466 ug/ml
17) T Bnezo[k]fluoranthene ...	16.302	263484	1.739 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.648	520177	3.585 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.002	528621	3.738 ug/ml
20) T Dibenz[a,h]anthracene...	18.044	530178	3.617 ug/ml
21) T Benzo[g,h,i]perylene ...	18.253	511895	3.603 ug/ml

(f)=RT Delta > 1/2 Window

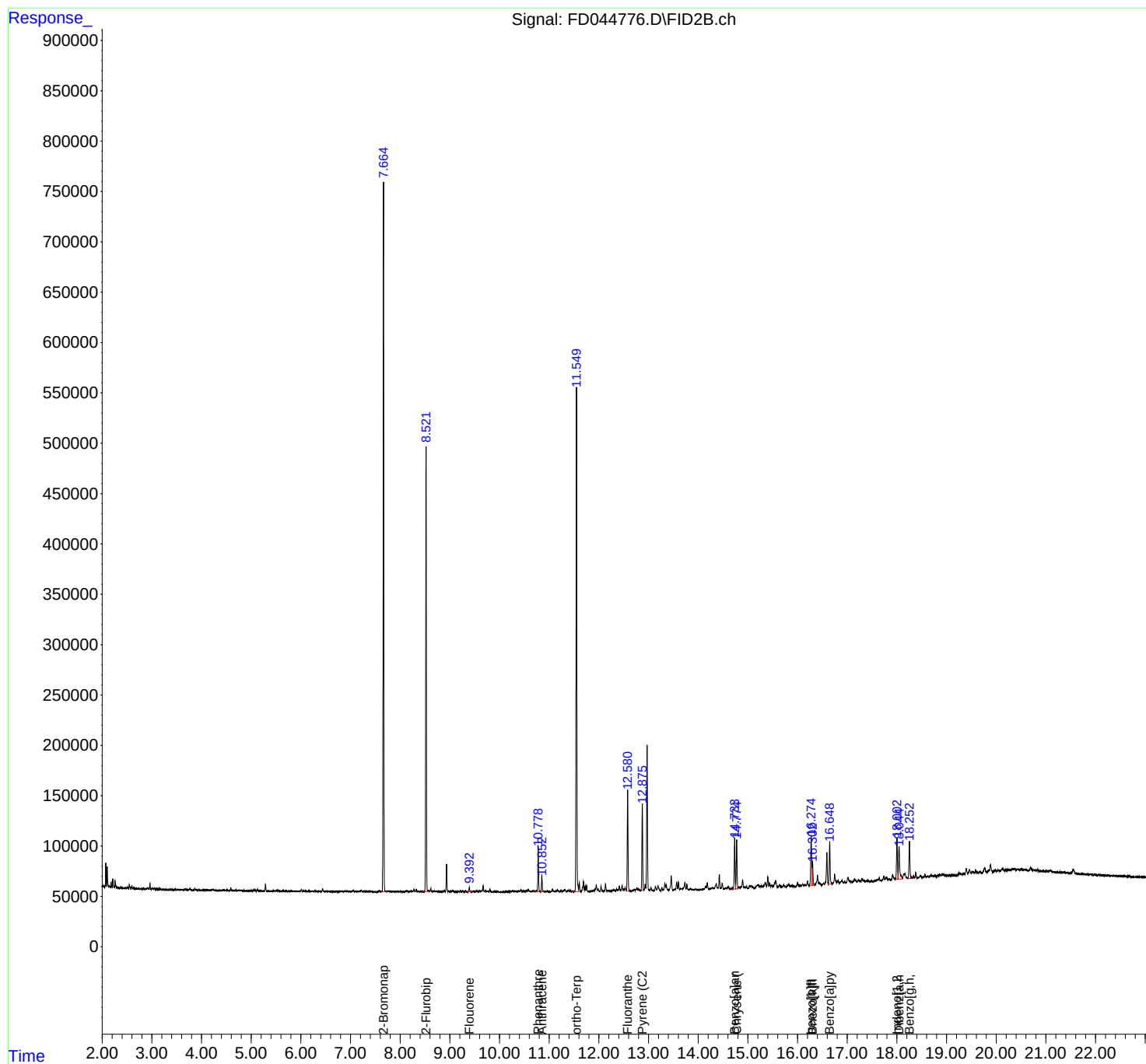
(m)=manual int.

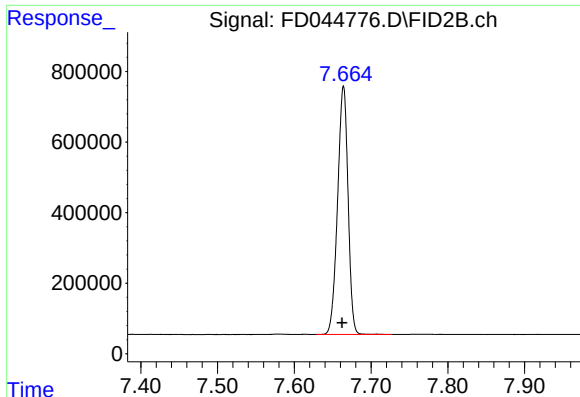
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Signal Info : 20M x 0.18mm x 0.18µm

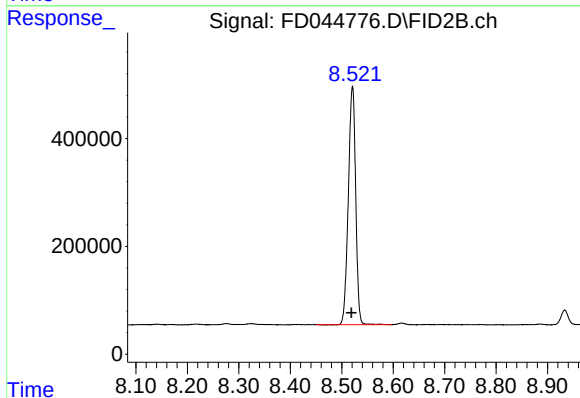




#4 2-Bromonaphthalene (SURRE)

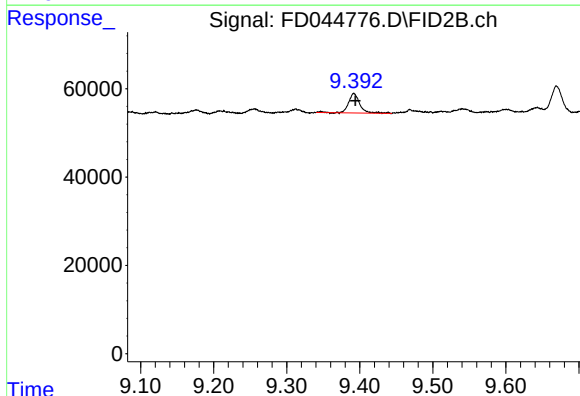
R.T.: 7.664 min
Delta R.T.: 0.002 min
Response: 6665195
Conc: 46.22 ug/ml

Instrument :
FID_D
ClientSampleId :



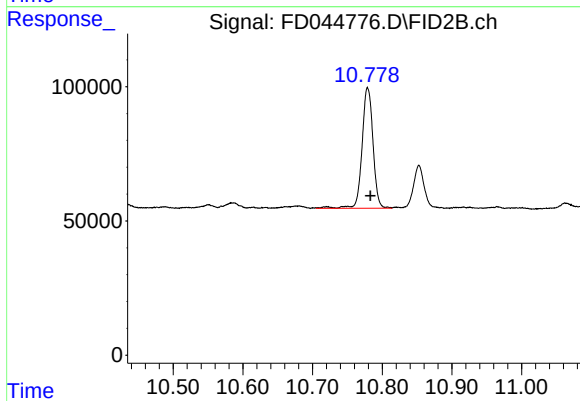
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.521 min
Delta R.T.: 0.002 min
Response: 4381618
Conc: 45.14 ug/ml



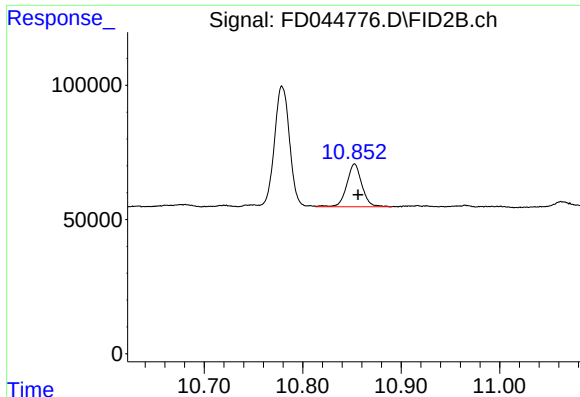
#8 Flouorene (C16.55)

R.T.: 9.392 min
Delta R.T.: -0.002 min
Response: 46865
Conc: 0.29 ug/ml



#9 Phenanthrene (C19.36)

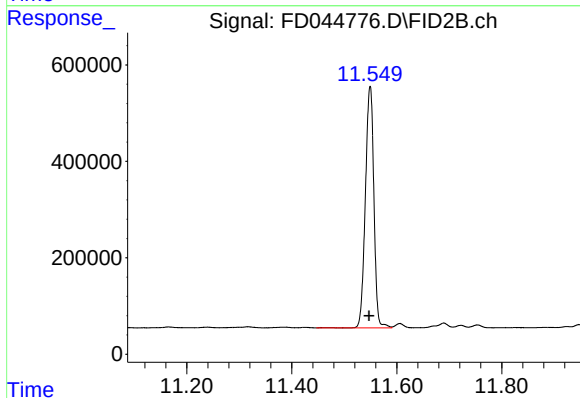
R.T.: 10.779 min
Delta R.T.: -0.004 min
Response: 490942
Conc: 3.13 ug/ml



#10 Anthracene (C19.43)

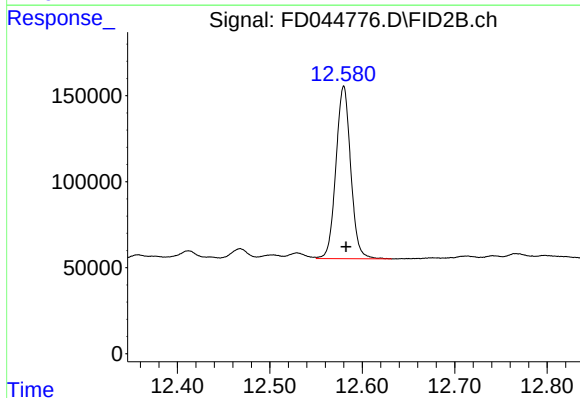
R.T.: 10.853 min
Delta R.T.: -0.003 min
Response: 171680
Conc: 1.37 ug/ml

Instrument :
FID_D
ClientSampleId :



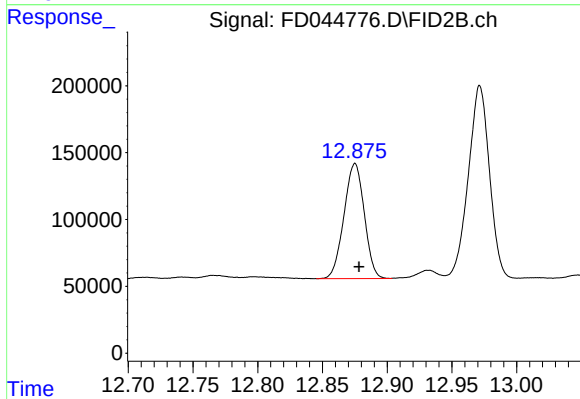
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.002 min
Response: 5623001
Conc: 31.21 ug/ml



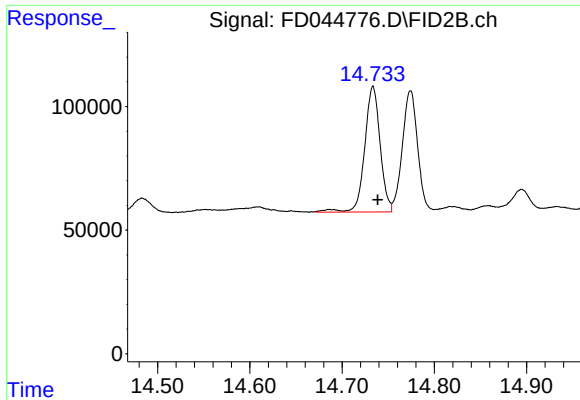
#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.003 min
Response: 1113021
Conc: 7.09 ug/ml



#13 Pyrene (C20.8)

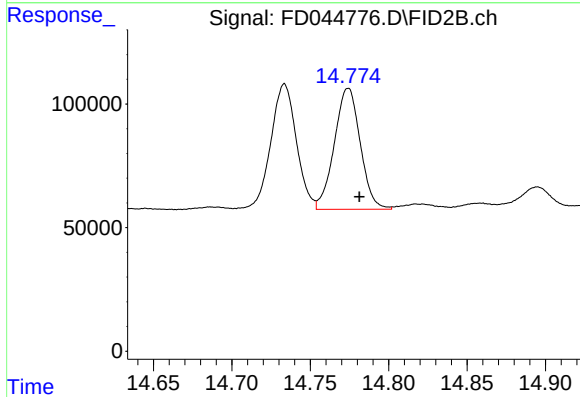
R.T.: 12.875 min
Delta R.T.: -0.003 min
Response: 940641
Conc: 6.14 ug/ml



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

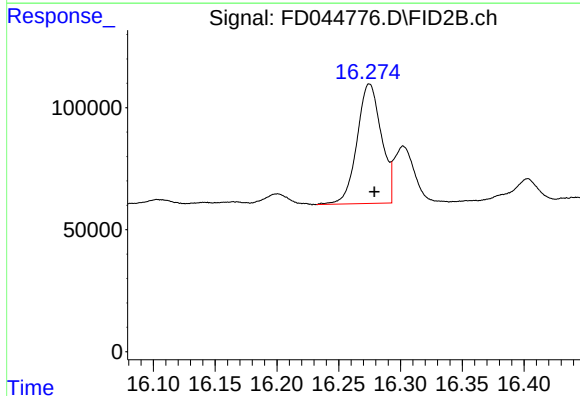
R.T.: 14.733 min
Delta R.T.: -0.005 min
Response: 591505
Conc: 4.16 ug/ml

Instrument :
FID_D
ClientSampleId :



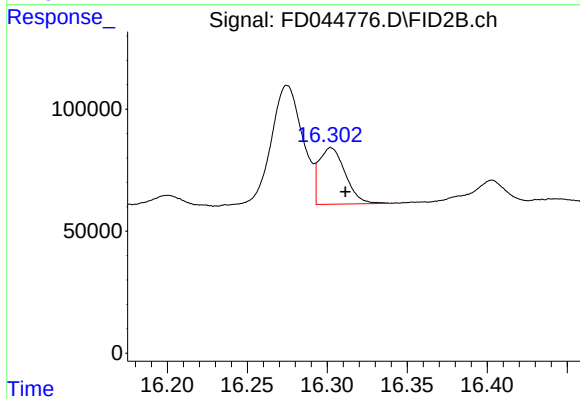
#15 Chrysene (C27.41)

R.T.: 14.774 min
Delta R.T.: -0.007 min
Response: 564225
Conc: 3.72 ug/ml



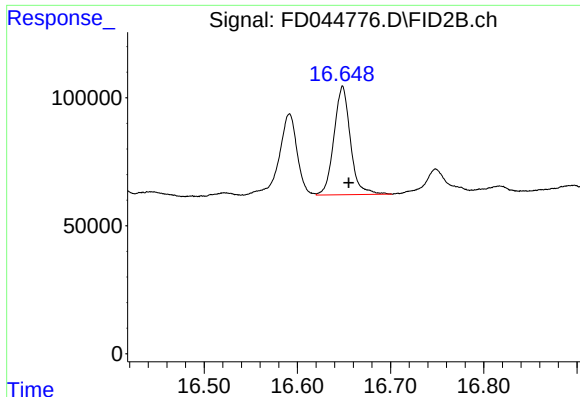
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.275 min
Delta R.T.: -0.004 min
Response: 671723
Conc: 4.47 ug/ml



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

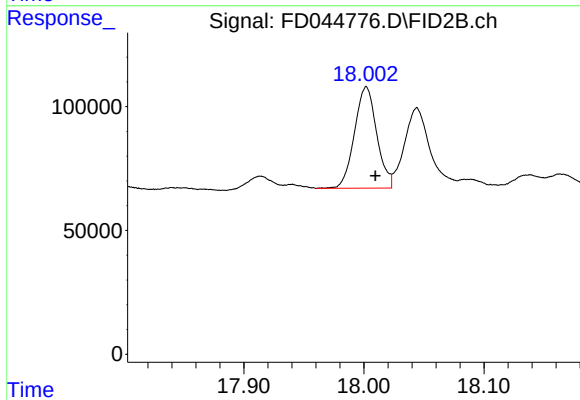
R.T.: 16.302 min
Delta R.T.: -0.009 min
Response: 263484
Conc: 1.74 ug/ml



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

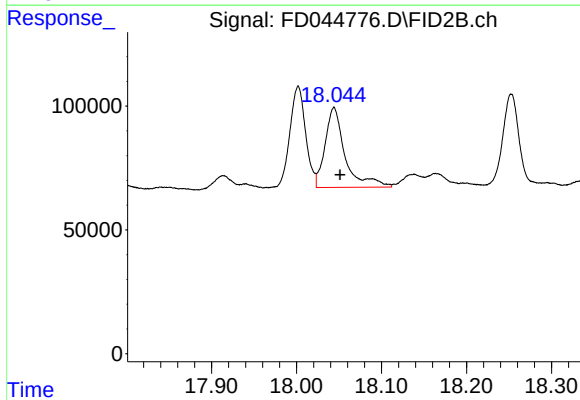
R.T.: 16.648 min
Delta R.T.: -0.007 min
Response: 520177
Conc: 3.59 ug/ml

Instrument :
FID_D
ClientSampleId :



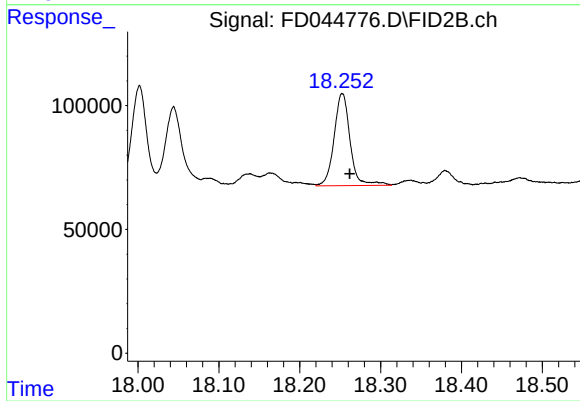
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.002 min
Delta R.T.: -0.008 min
Response: 528621
Conc: 3.74 ug/ml



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

R.T.: 18.044 min
Delta R.T.: -0.007 min
Response: 530178
Conc: 3.62 ug/ml



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

R.T.: 18.253 min
Delta R.T.: -0.009 min
Response: 511895
Conc: 3.60 ug/ml