

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044694.D
 Signal(s) : FID2B.ch
 Acq On : 23 Dec 2022 21:56
 Operator : YP/AJ
 Sample : N6051-01D
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 25 14:28:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.680	6506618	50.136 ug/ml
Spiked Amount 50.000		Recovery =	100.27%
6) S 2-Fluorobiphenyl (SURR)	8.537	4211079	47.682 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.36%
11) S ortho-Terphenyl (SURR)	11.564	5643008	34.674 ug/ml
Spiked Amount 50.000		Recovery =	69.35%
Target Compounds			
3) T 2-Methylnaphthalene (...)	7.075	55104	0.365 ug/ml
9) T Phenanthrene (C19.36)	10.795	204773	1.436 ug/ml
10) T Anthracene (C19.43)	10.869	64260	0.463 ug/ml
12) T Fluoranthene (C21.85)	12.595	407279	2.857 ug/ml
13) T Pyrene (C20.8)	12.890	335643	2.412 ug/ml
14) T Benzo[a]anthracene (C...	14.749	186435	1.441 ug/ml
15) T Chrysene (C27.41)	14.790	181374	1.345 ug/ml
16) T benzo[b]fluoranthene ...	16.317	119857	0.911 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	119857	0.920 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.664	152686	1.181 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.017	192327	1.509 ug/ml
20) T Dibenz[a,h]anthracene...	18.071	269981	2.146 ug/ml
21) T Benzo[g,h,i]perylene ...	18.269	111186	0.864 ug/ml

(f)=RT Delta > 1/2 Window

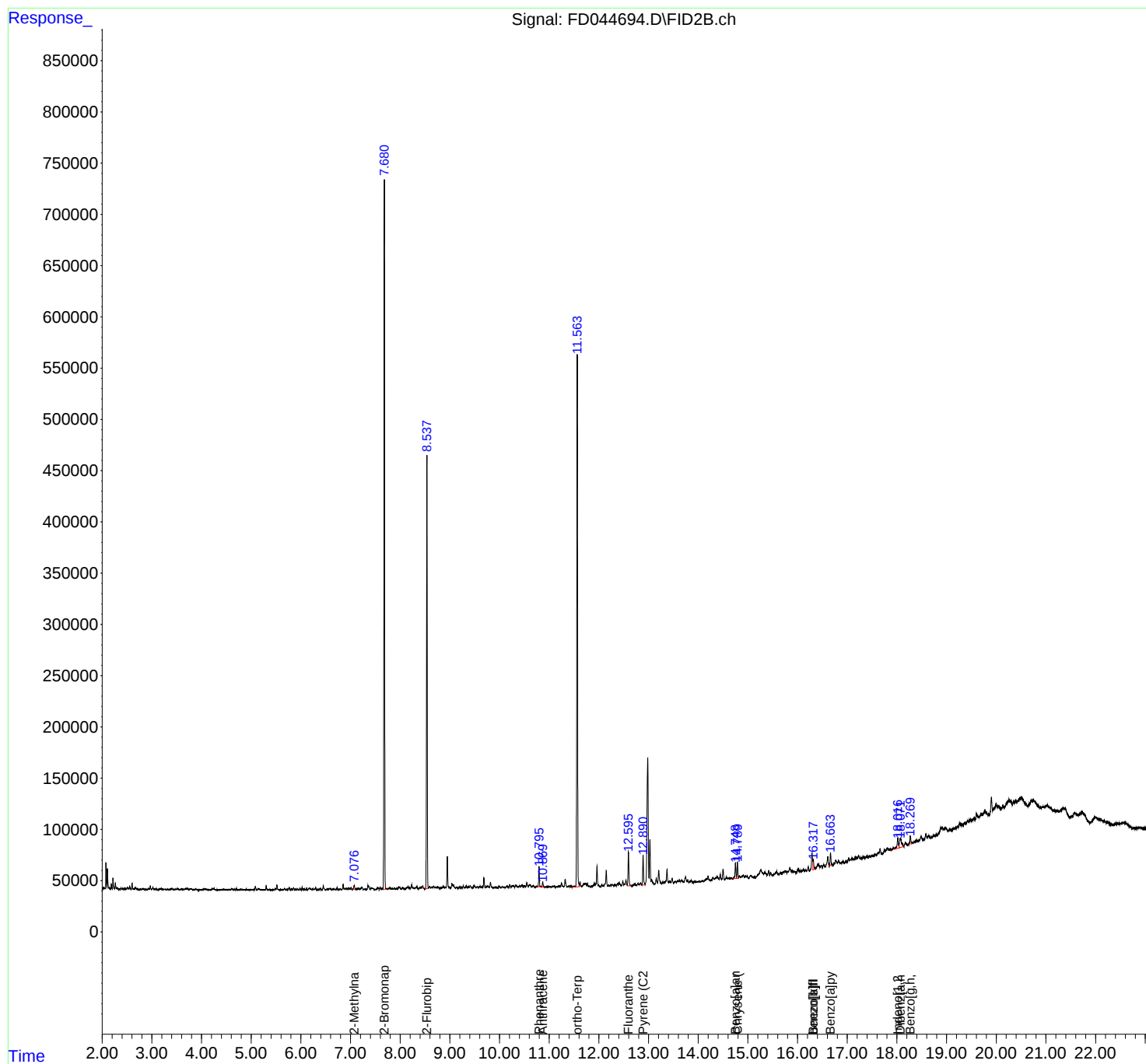
(m)=manual int.

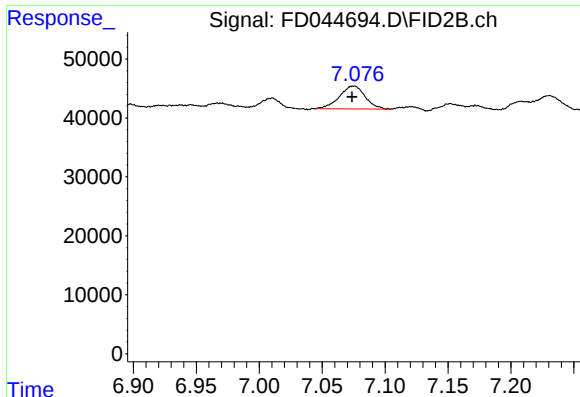
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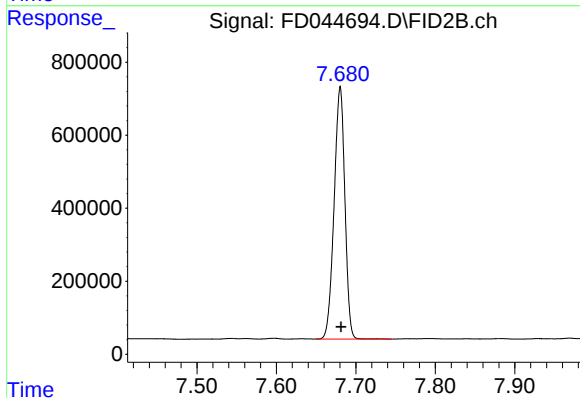




#3 2-Methylnaphthalene (C12.89)

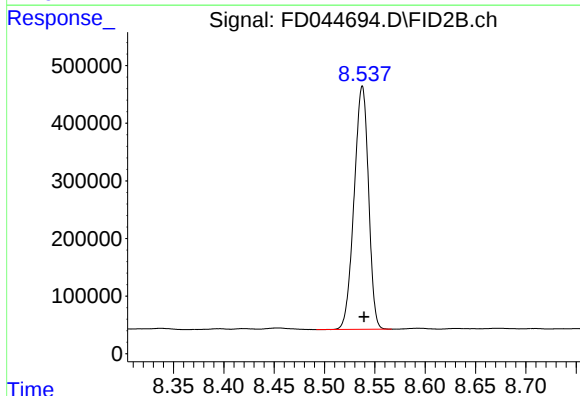
R.T.: 7.075 min
Delta R.T.: 0.001 min
Response: 55104
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



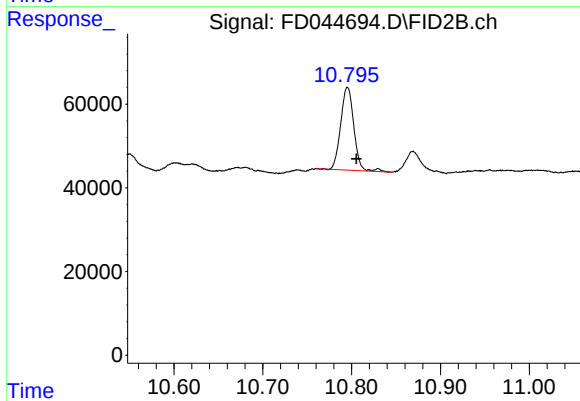
#4 2-Bromonaphthalene (SURR)

R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 6506618
Conc: 50.14 ug/ml



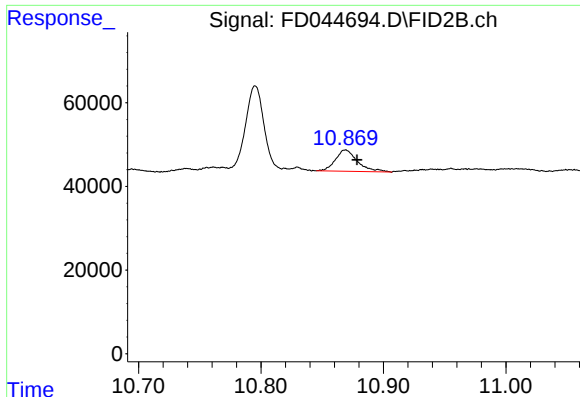
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.002 min
Response: 4211079
Conc: 47.68 ug/ml



#9 Phenanthrene (C19.36)

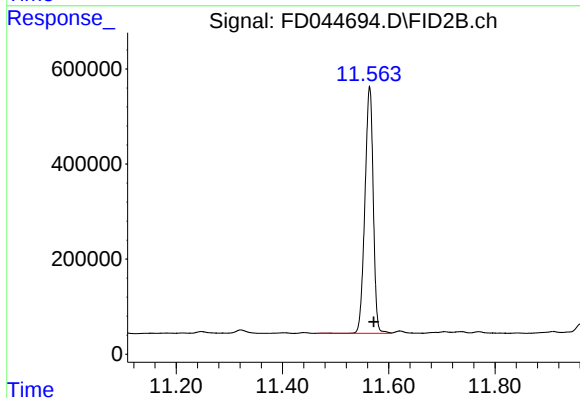
R.T.: 10.795 min
Delta R.T.: -0.010 min
Response: 204773
Conc: 1.44 ug/ml



#10 Anthracene (C19.43)

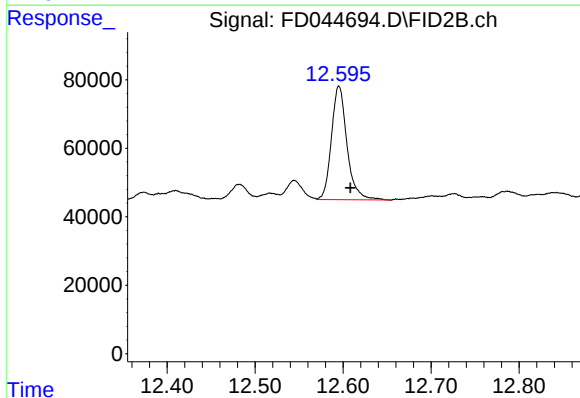
R.T.: 10.869 min
Delta R.T.: -0.009 min
Response: 64260
Conc: 0.46 ug/ml

Instrument :
FID_D
ClientSampleId :



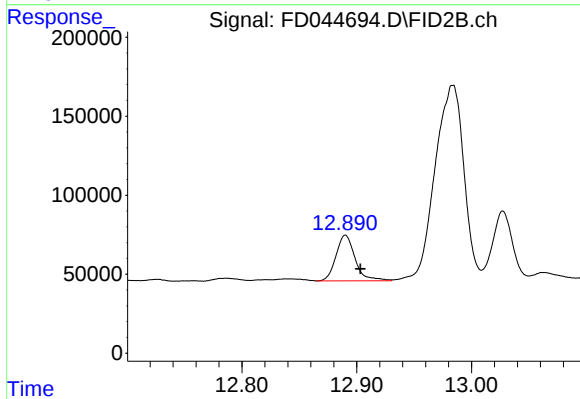
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.008 min
Response: 5643008
Conc: 34.67 ug/ml



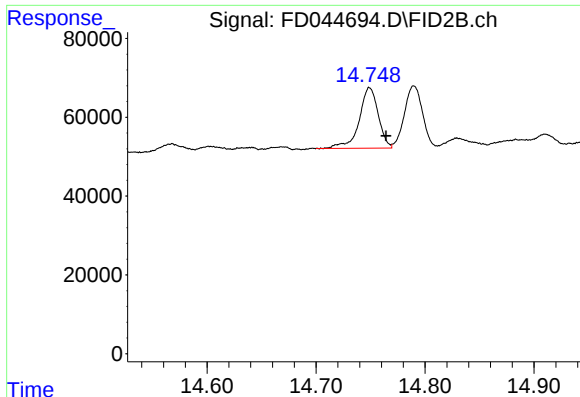
#12 Fluoranthene (C21.85)

R.T.: 12.595 min
Delta R.T.: -0.013 min
Response: 407279
Conc: 2.86 ug/ml



#13 Pyrene (C20.8)

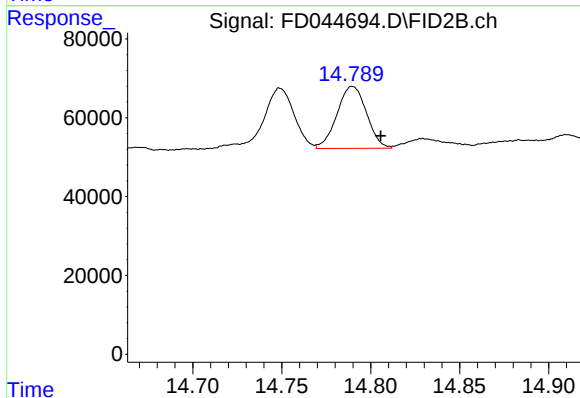
R.T.: 12.890 min
Delta R.T.: -0.013 min
Response: 335643
Conc: 2.41 ug/ml



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

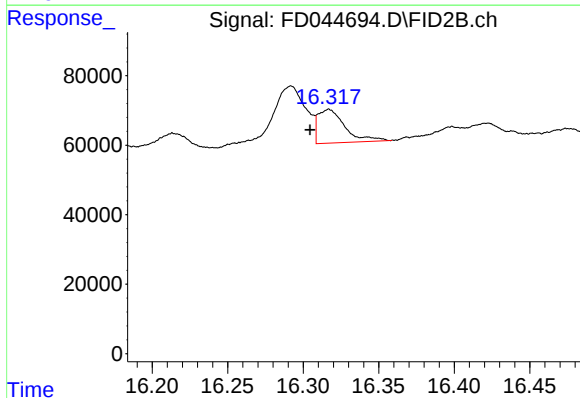
R.T.: 14.749 min
Delta R.T.: -0.015 min
Response: 186435
Conc: 1.44 ug/ml

Instrument :
FID_D
ClientSampleId :



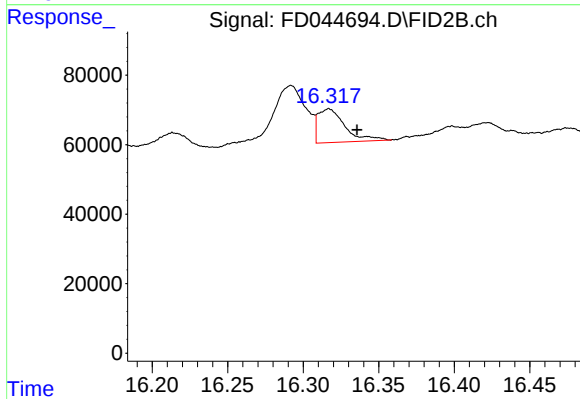
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: -0.016 min
Response: 181374
Conc: 1.35 ug/ml



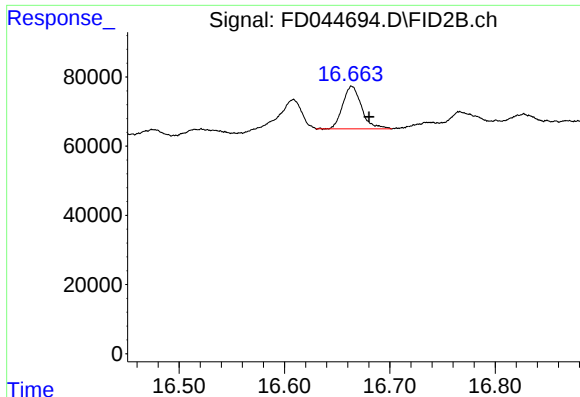
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.317 min
Delta R.T.: 0.012 min
Response: 119857
Conc: 0.91 ug/ml



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

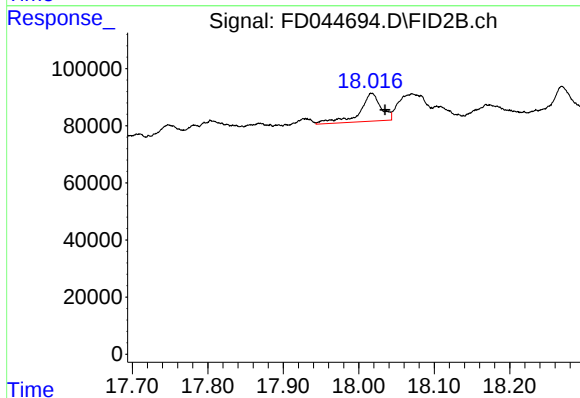
R.T.: 16.317 min
Delta R.T.: -0.019 min
Response: 119857
Conc: 0.92 ug/ml



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

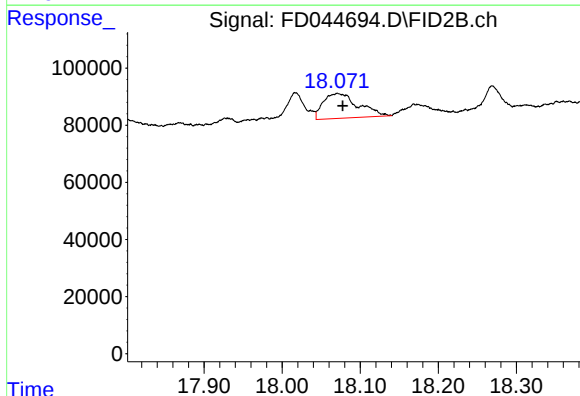
R.T.: 16.664 min
Delta R.T.: -0.016 min
Response: 152686
Conc: 1.18 ug/ml

Instrument :
FID_D
ClientSampleId :



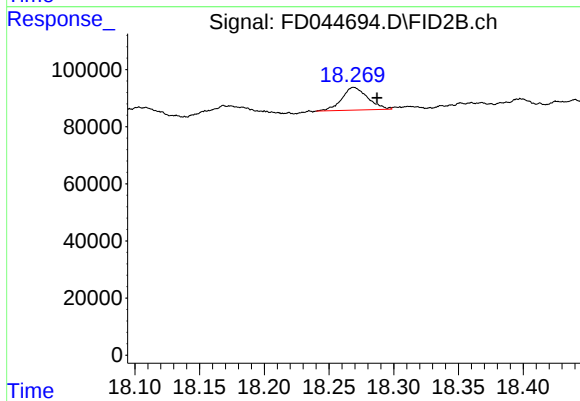
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.017 min
Delta R.T.: -0.018 min
Response: 192327
Conc: 1.51 ug/ml



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

R.T.: 18.071 min
Delta R.T.: -0.006 min
Response: 269981
Conc: 2.15 ug/ml



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

R.T.: 18.269 min
Delta R.T.: -0.018 min
Response: 111186
Conc: 0.86 ug/ml