

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044704.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 04:51
 Operator : YP/AJ
 Sample : N6180-06
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 25 14:29:25 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...	7.665	5072072	39.082 ug/ml
Spiked Amount 50.000		Recovery =	78.16%
6) S 2-Fluorobiphenyl (SURR)	8.522	4333175	49.064 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.13%
11) S ortho-Terphenyl (SURR)	11.550	4860686	29.867 ug/ml
Spiked Amount 50.000		Recovery =	59.73%
Target Compounds			
8) T Flouorene (C16.55)	9.394	31922	0.221 ug/ml
9) T Phenanthrene (C19.36)	10.781	259806	1.822 ug/ml
10) T Anthracene (C19.43)	10.855	113429	0.816 ug/ml
12) T Fluoranthene (C21.85)	12.583	574841	4.032 ug/ml
13) T Pyrene (C20.8)	12.878	456782	3.282 ug/ml
14) T Benzo[a]anthracene (C...	14.777	300882	2.325 ug/ml
15) T Chrysene (C27.41)	14.777	300882	2.232 ug/ml
16) T benzo[b]fluoranthene ...	16.306	163525	1.242 ug/ml
17) T Bnezo[k]fluoranthene ...	16.306	163525	1.256 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	284481	2.201 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.005	202473	1.589 ug/ml
20) T Dibenz[a,h]anthracene...	18.067	222930	1.772 ug/ml
21) T Benzo[g,h,i]perylene ...	18.257	154015	1.197 ug/ml

(f)=RT Delta > 1/2 Window

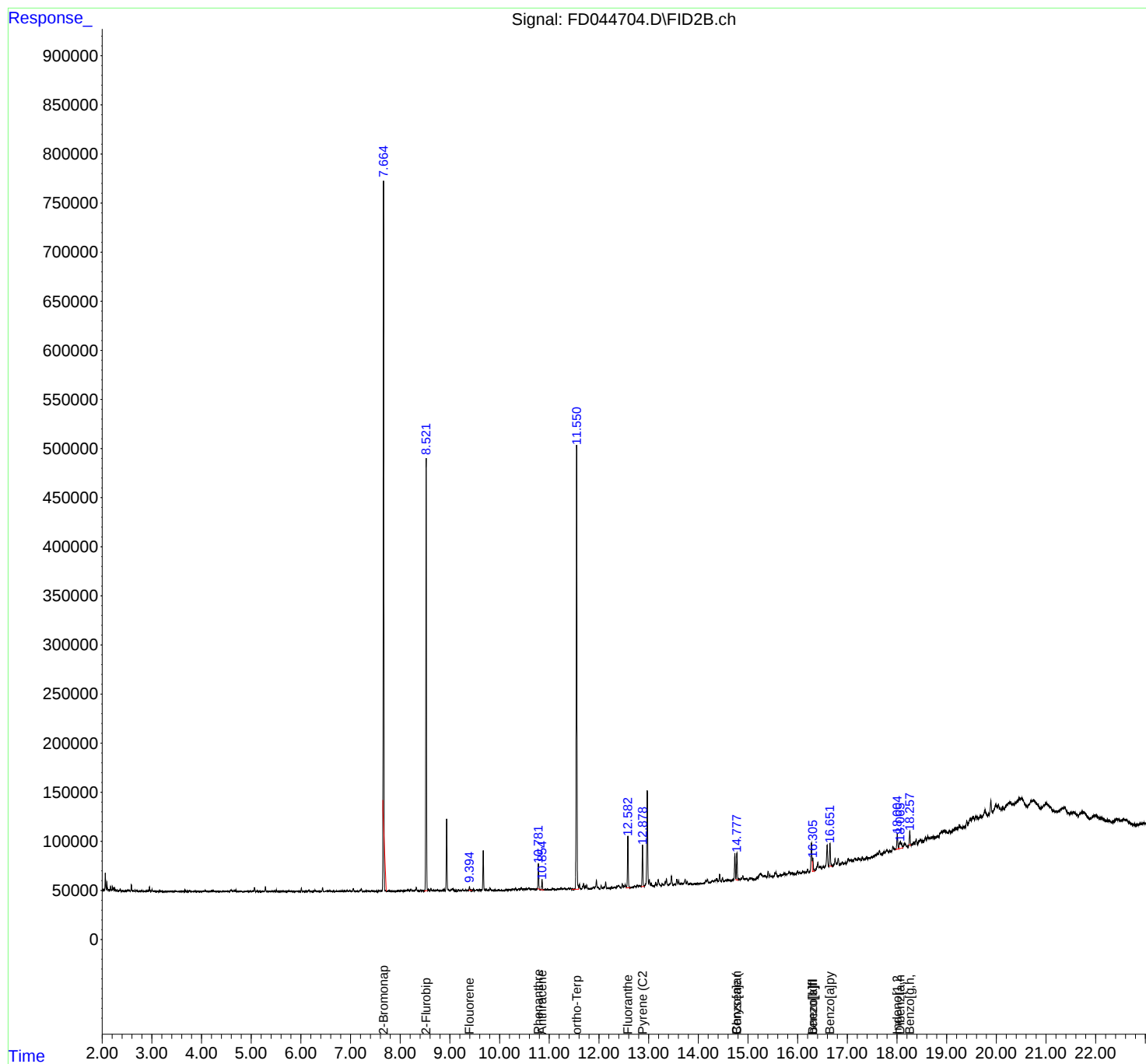
(m)=manual int.

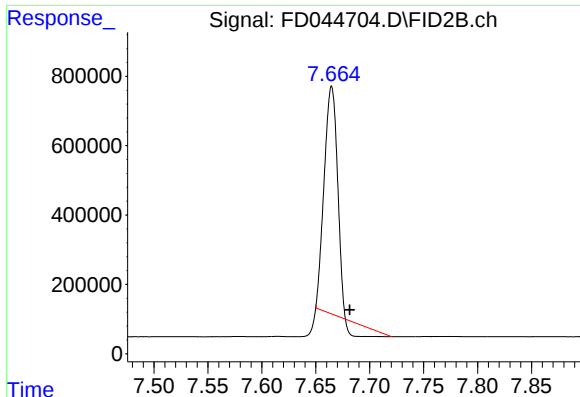
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

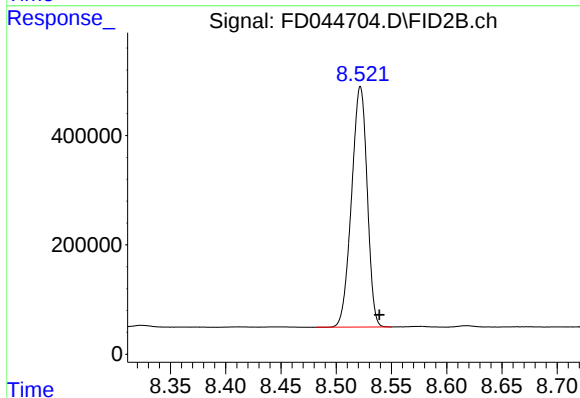




#4 2-Bromonaphthalene (SURRE)

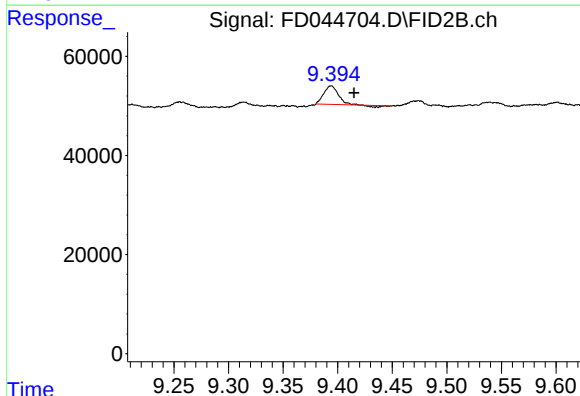
R.T.: 7.665 min
Delta R.T.: -0.017 min
Response: 5072072
Conc: 39.08 ug/ml

Instrument :
FID_D
ClientSampleId :



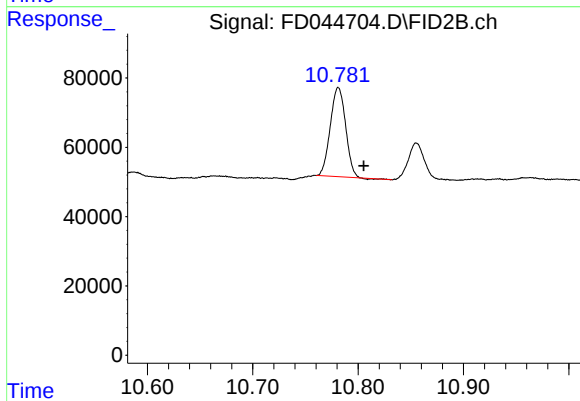
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.522 min
Delta R.T.: -0.017 min
Response: 4333175
Conc: 49.06 ug/ml



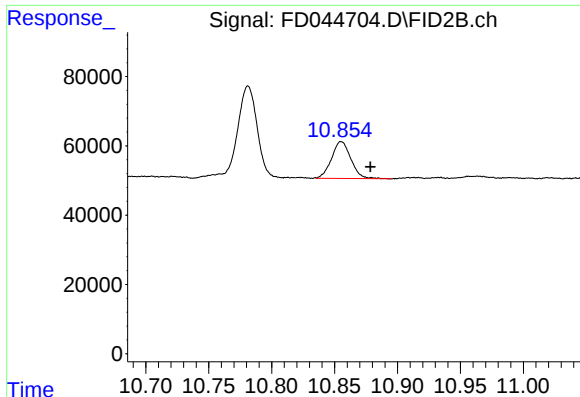
#8 Fluorene (C16.55)

R.T.: 9.394 min
Delta R.T.: -0.021 min
Response: 31922
Conc: 0.22 ug/ml



#9 Phenanthrene (C19.36)

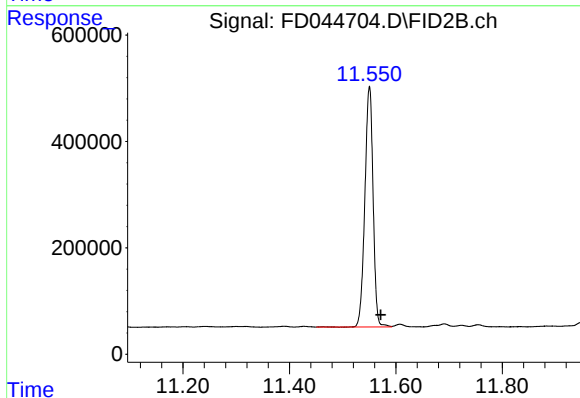
R.T.: 10.781 min
Delta R.T.: -0.024 min
Response: 259806
Conc: 1.82 ug/ml



#10 Anthracene (C19.43)

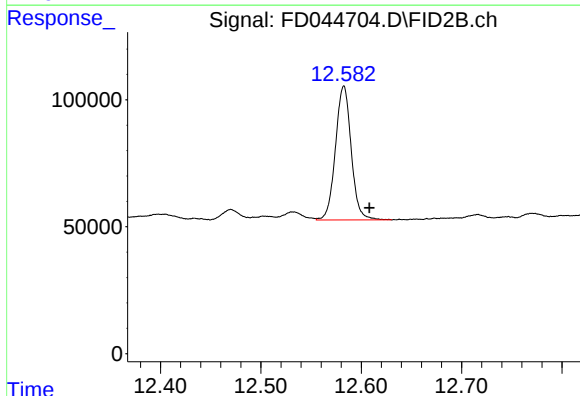
R.T.: 10.855 min
Delta R.T.: -0.023 min
Response: 113429
Conc: 0.82 ug/ml

Instrument :
FID_D
ClientSampleId :



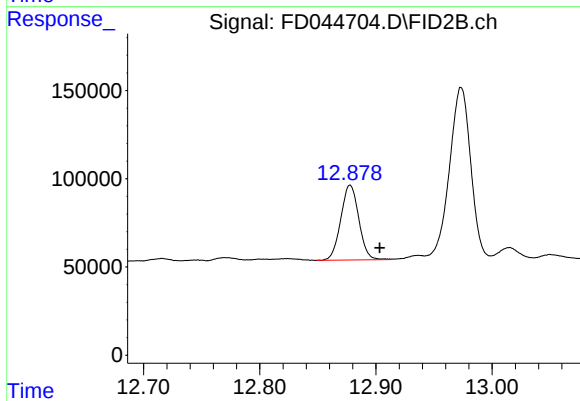
#11 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: -0.021 min
Response: 4860686
Conc: 29.87 ug/ml



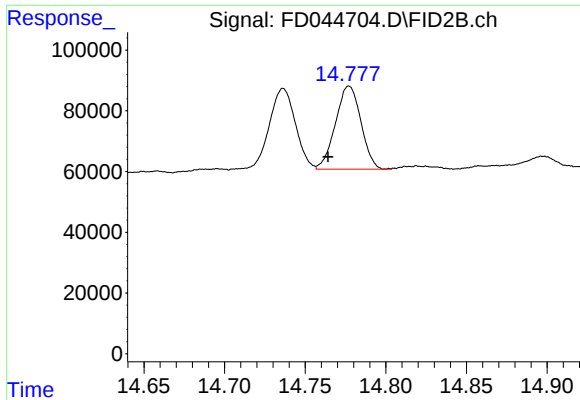
#12 Fluoranthene (C21.85)

R.T.: 12.583 min
Delta R.T.: -0.026 min
Response: 574841
Conc: 4.03 ug/ml



#13 Pyrene (C20.8)

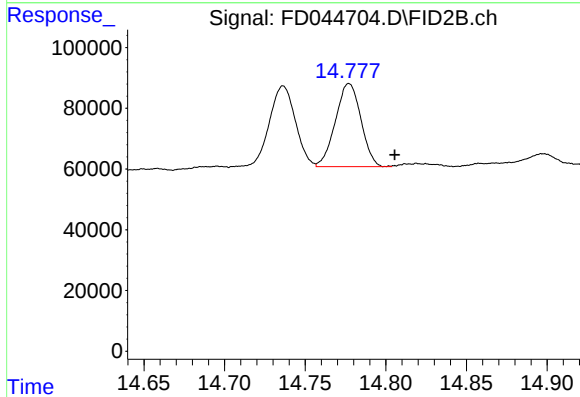
R.T.: 12.878 min
Delta R.T.: -0.025 min
Response: 456782
Conc: 3.28 ug/ml



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

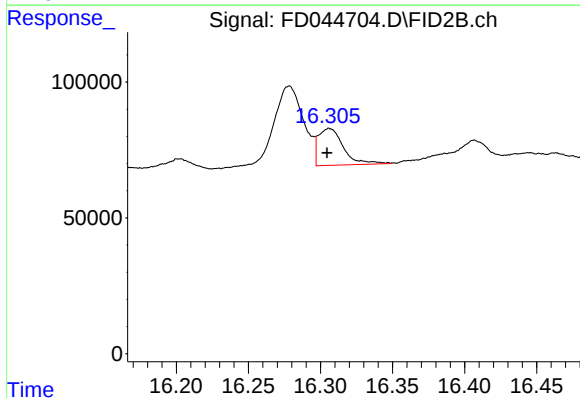
R.T.: 14.777 min
Delta R.T.: 0.013 min
Response: 300882
Conc: 2.33 ug/ml

Instrument :
FID_D
ClientSampleId :



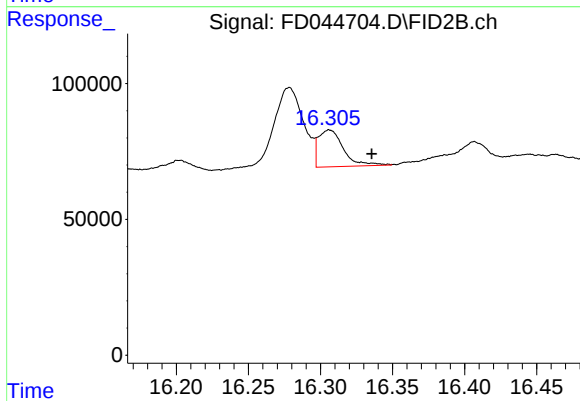
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: -0.028 min
Response: 300882
Conc: 2.23 ug/ml



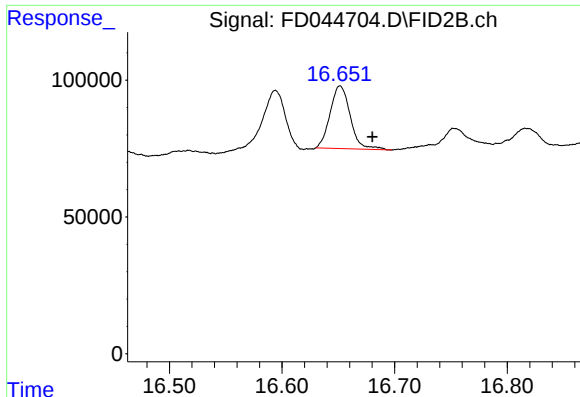
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.306 min
Delta R.T.: 0.001 min
Response: 163525
Conc: 1.24 ug/ml



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

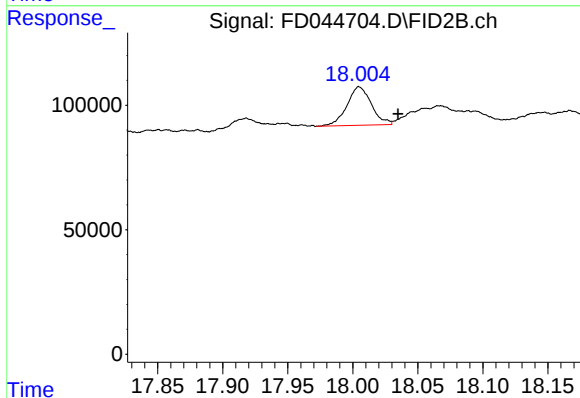
R.T.: 16.306 min
Delta R.T.: -0.030 min
Response: 163525
Conc: 1.26 ug/ml



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

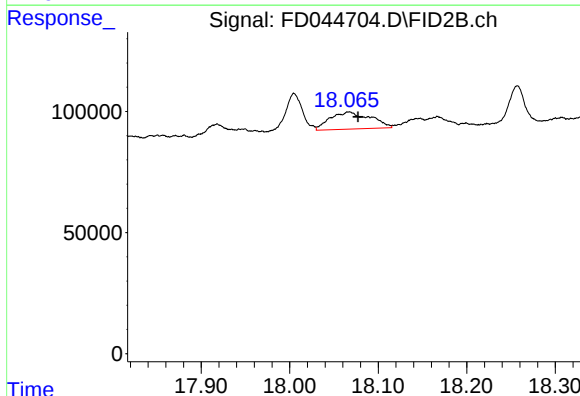
R.T.: 16.652 min
Delta R.T.: -0.028 min
Response: 284481
Conc: 2.20 ug/ml

Instrument :
FID_D
ClientSampleId :



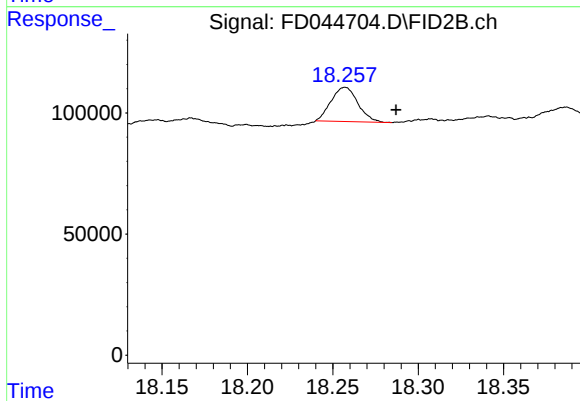
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.005 min
Delta R.T.: -0.030 min
Response: 202473
Conc: 1.59 ug/ml



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

R.T.: 18.067 min
Delta R.T.: -0.010 min
Response: 222930
Conc: 1.77 ug/ml



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

R.T.: 18.257 min
Delta R.T.: -0.030 min
Response: 154015
Conc: 1.20 ug/ml