

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012023AR\
 Data File : FD044855.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jan 2023 20:26
 Operator : YP/AJ
 Sample : 01214-08
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 03:56:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 13:44:02 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...	7.666	7078887	40.232 ug/ml
Spiked Amount 50.000		Recovery =	80.46%
6) S 2-Fluorobiphenyl (SURR)	8.522	4794220	39.717 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.43%
11) S ortho-Terphenyl (SURR)	11.549	5019973	21.858 ug/ml
Spiked Amount 50.000		Recovery =	43.72%
Target Compounds			
12) T Fluoranthene (C21.85)	12.581	142670	0.706 ug/ml
13) T Pyrene (C20.8)	12.874	82453	0.419 ug/ml
14) T Benzo[a]anthracene (C...	14.732	97686	0.540 ug/ml
15) T Chrysene (C27.41)	14.773	67138	0.356 ug/ml
16) T benzo[b]fluoranthene ...	16.272	117348	0.650 ug/ml
17) T Bnezo[k]fluoranthene ...	16.301	48851	0.275 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.647	119583	0.681 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.998	148336	0.884 ug/ml
20) T Dibenz[a,h]anthracene...	18.064	83696	0.506 ug/ml
21) T Benzo[g,h,i]perylene ...	18.249	59204	0.357 ug/ml

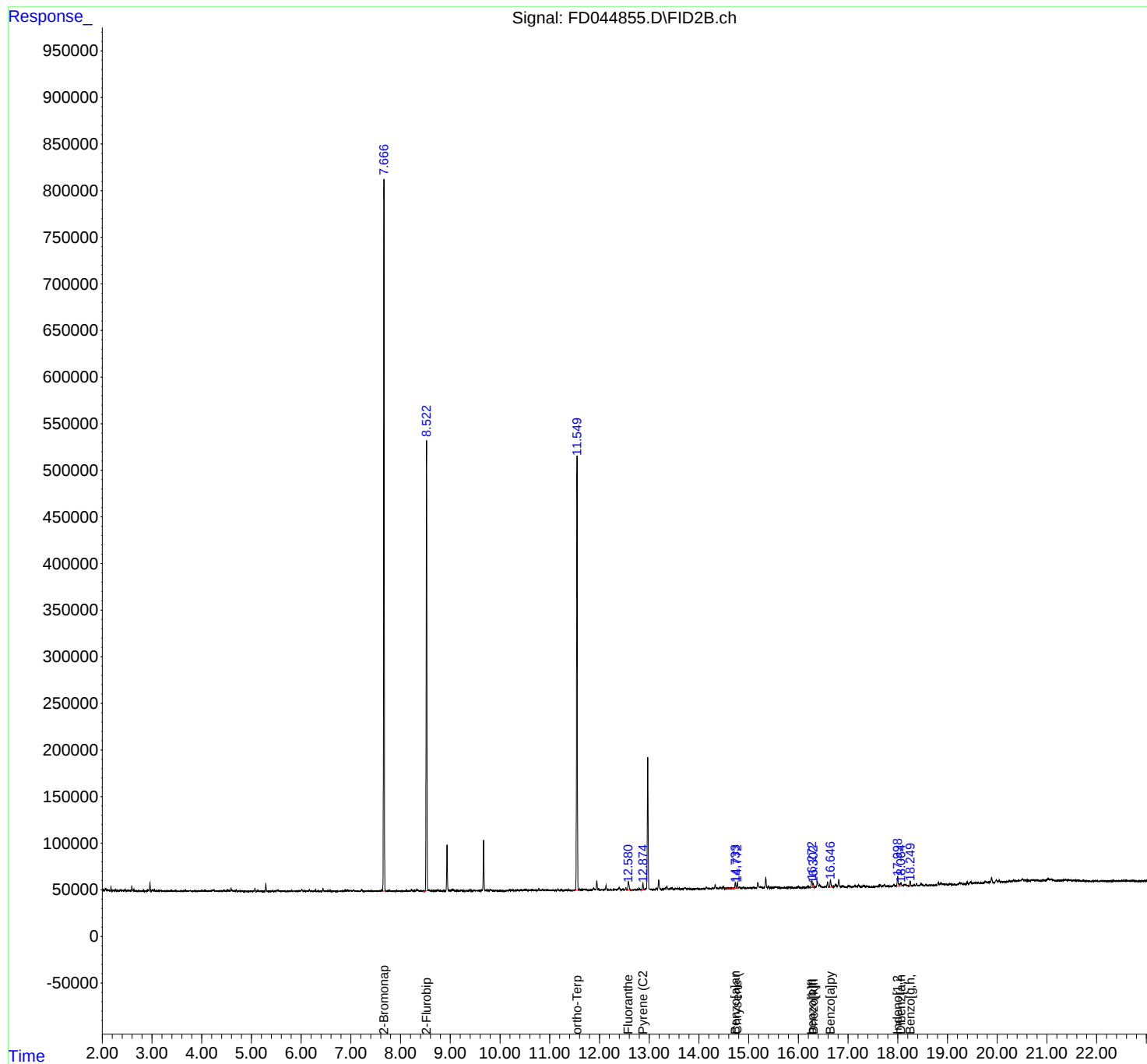
(f)=RT Delta > 1/2 Window

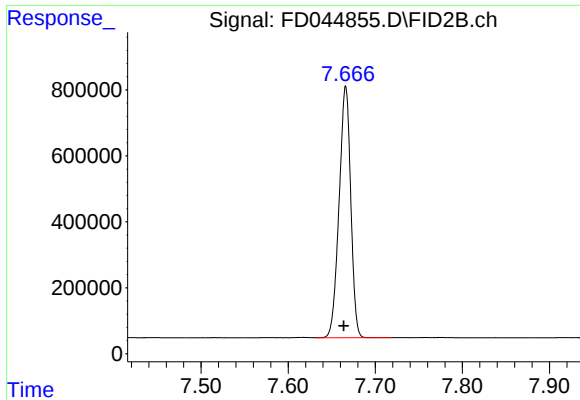
(m)=manual int.

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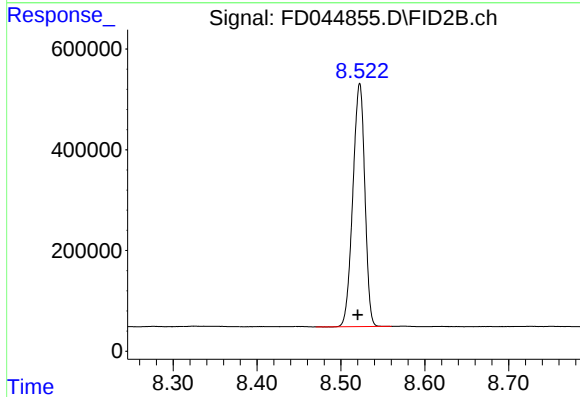
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





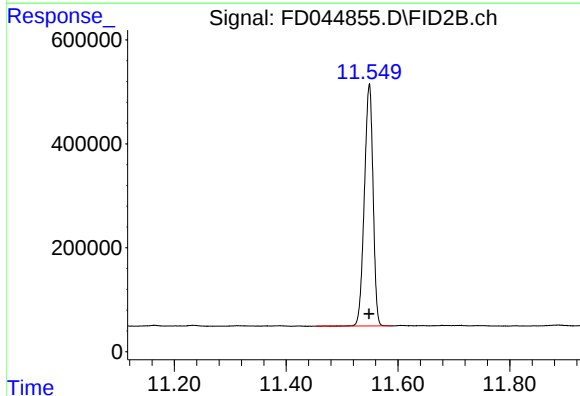
#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min
Delta R.T.: 0.002 min
Response: 7078887
Conc: 40.23 ug/ml



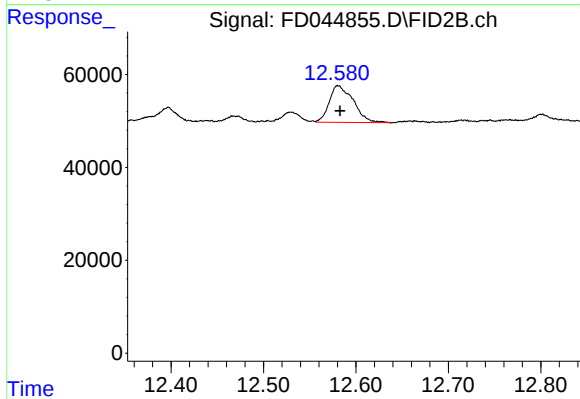
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.522 min
Delta R.T.: 0.002 min
Response: 4794220
Conc: 39.72 ug/ml



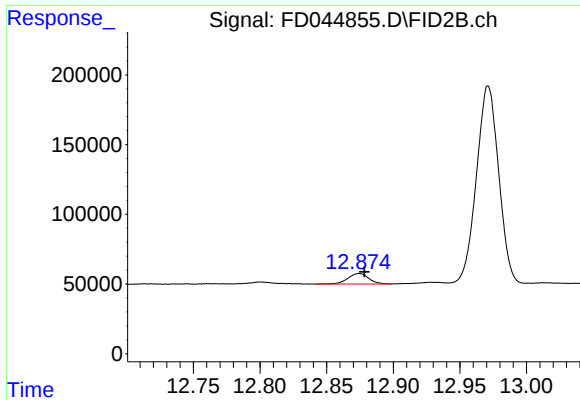
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 5019973
Conc: 21.86 ug/ml



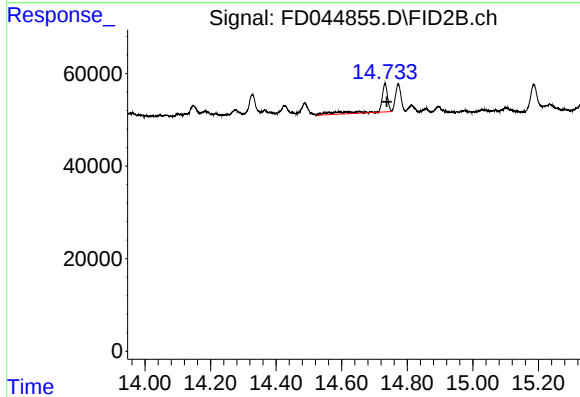
#12 Fluoranthene (C21.85)

R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 142670
Conc: 0.71 ug/ml



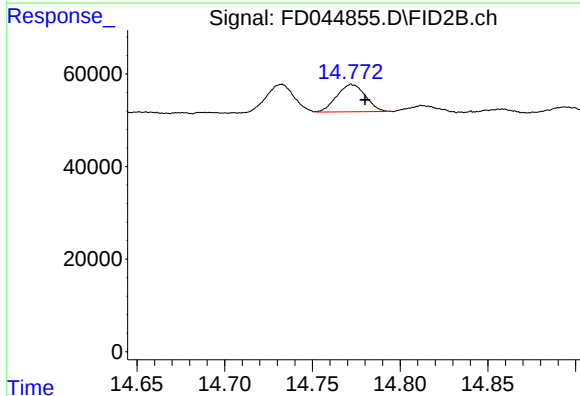
#13 Pyrene (C20.8)

R.T.: 12.874 min
Delta R.T.: -0.004 min
Response: 82453
Conc: 0.42 ug/ml



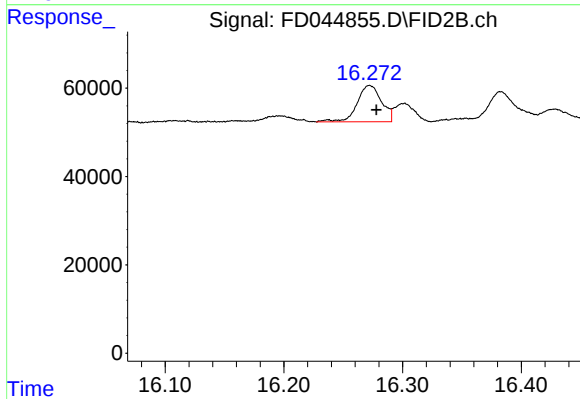
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.732 min
Delta R.T.: -0.005 min
Response: 97686
Conc: 0.54 ug/ml



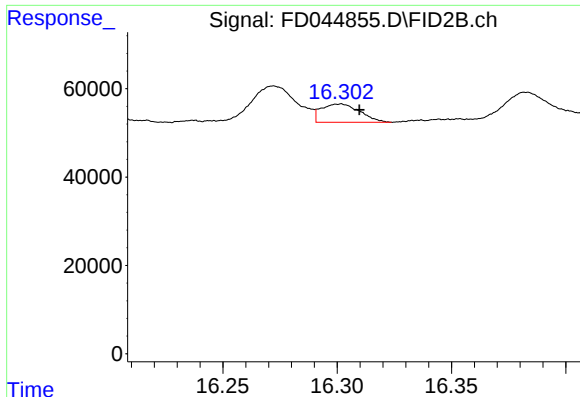
#15 Chrysene (C27.41)

R.T.: 14.773 min
Delta R.T.: -0.008 min
Response: 67138
Conc: 0.36 ug/ml



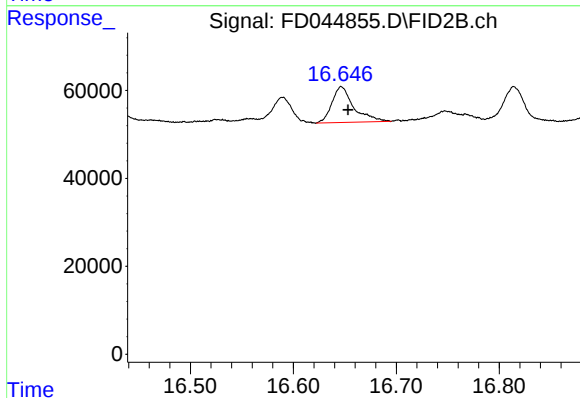
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.272 min
Delta R.T.: -0.006 min
Response: 117348
Conc: 0.65 ug/ml



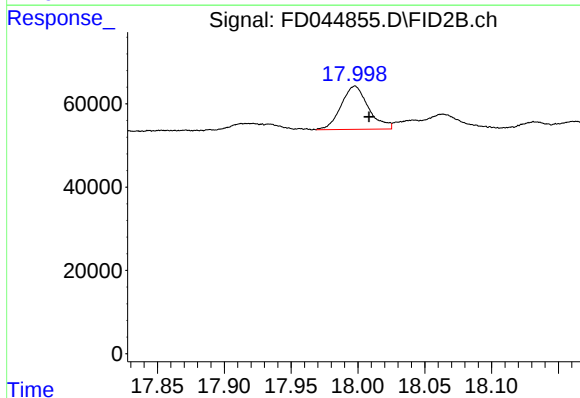
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.301 min
Delta R.T.: -0.009 min
Response: 48851
Conc: 0.27 ug/ml



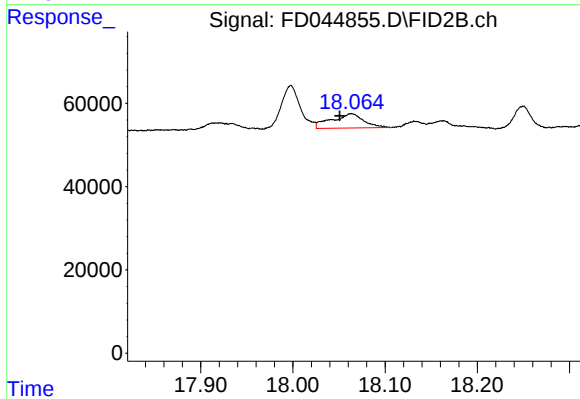
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.647 min
Delta R.T.: -0.006 min
Response: 119583
Conc: 0.68 ug/ml



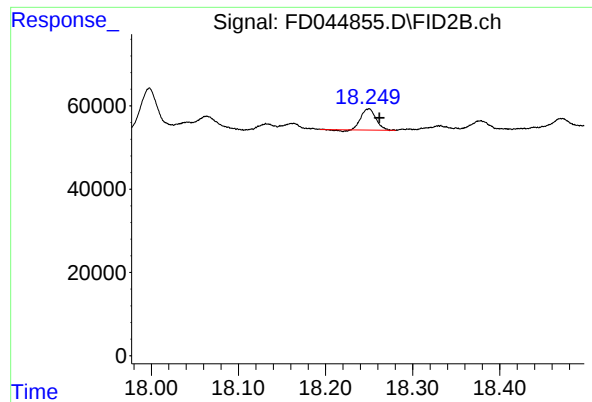
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.998 min
Delta R.T.: -0.011 min
Response: 148336
Conc: 0.88 ug/ml



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

R.T.: 18.064 min
Delta R.T.: 0.013 min
Response: 83696
Conc: 0.51 ug/ml



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

R.T.: 18.249 min
Delta R.T.: -0.012 min
Response: 59204
Conc: 0.36 ug/ml