

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045970.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jun 2023 17:59
 Operator : YP/AJ
 Sample : 03357-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 02:47:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.523	10319161	47.885 ug/ml
Spiked Amount 50.000		Recovery =	95.77%
6) S 2-Fluorobiphenyl (SURR)	8.375	4057316	29.315 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	58.63%
11) S ortho-Terphenyl (SURR)	11.416	7775265	30.669 ug/ml
Spiked Amount 50.000		Recovery =	61.34%
Target Compounds			
12) T Fluoranthene (C21.85)	12.442	190017	0.928 ug/ml
13) T Pyrene (C20.8)	12.736	171899	0.884 ug/ml
14) T Benzo[a]anthracene (C...	14.599	110079	0.612 ug/ml
15) T Chrysene (C27.41)	14.638	295331	1.505 ug/ml
16) T benzo[b]fluoranthene ...	16.141	319145	1.702 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	118920	0.601 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.514	149165	0.856 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.870	183058	0.984 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	183058	0.996 ug/ml
21) T Benzo[g,h,i]perylene ...	18.119	131443	0.703 ug/ml

(f)=RT Delta > 1/2 Window

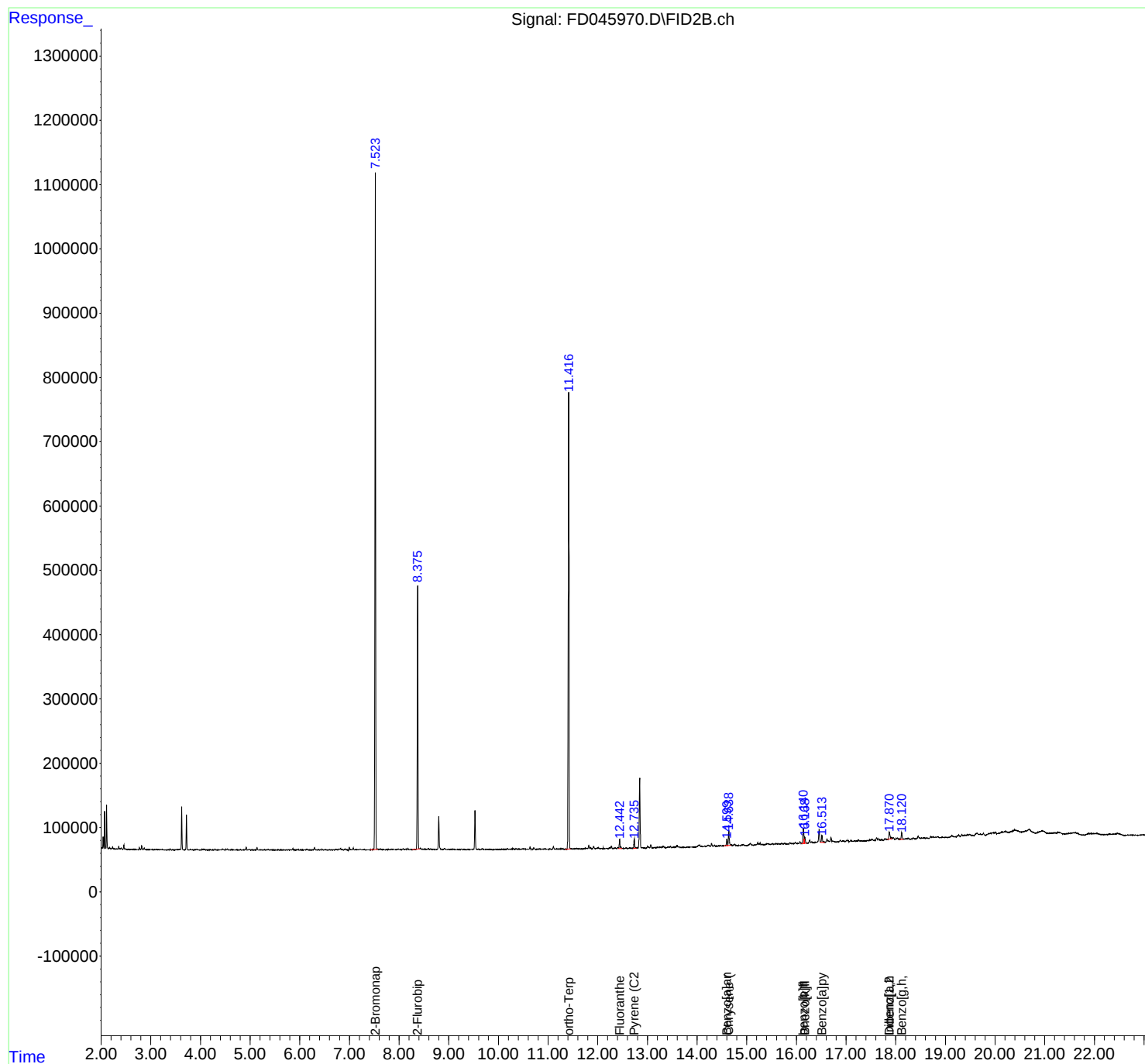
(m)=manual int.

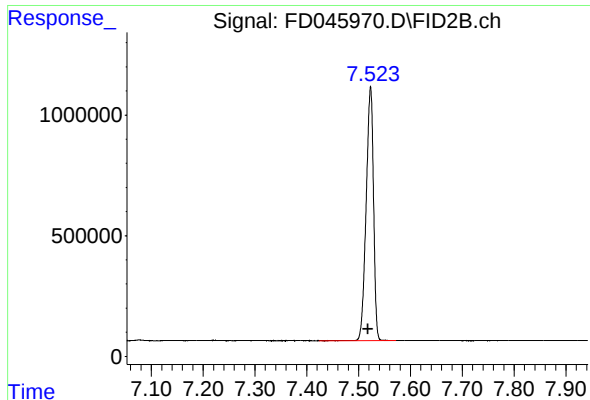
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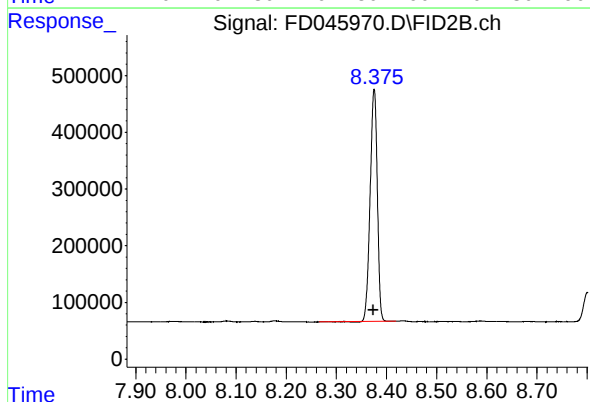




#4 2-Bromonaphthalene (SURR)

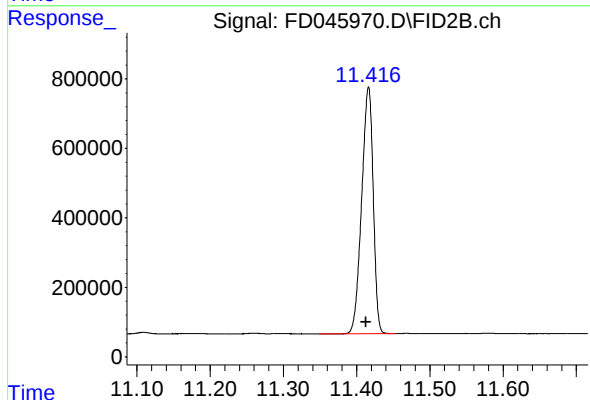
R.T.: 7.523 min
Delta R.T.: 0.004 min
Response: 10319161
Conc: 47.89 ug/ml

Instrument :
FID_D
ClientSampleId :



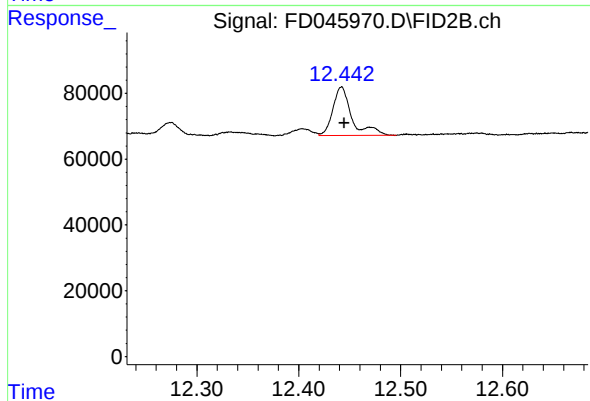
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.375 min
Delta R.T.: 0.002 min
Response: 4057316
Conc: 29.32 ug/ml



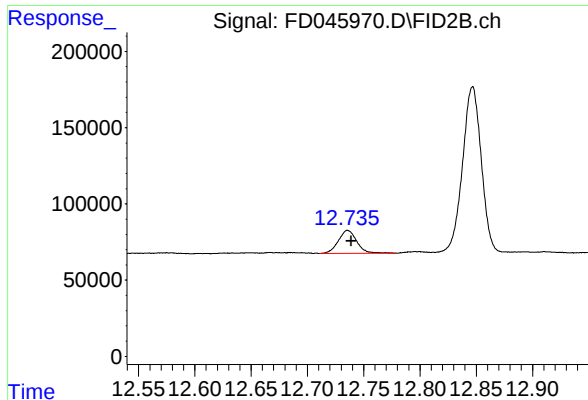
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: 0.003 min
Response: 7775265
Conc: 30.67 ug/ml



#12 Fluoranthene (C21.85)

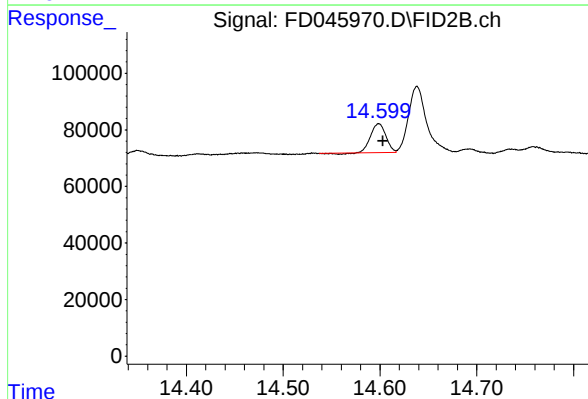
R.T.: 12.442 min
Delta R.T.: -0.003 min
Response: 190017
Conc: 0.93 ug/ml



#13 Pyrene (C20.8)

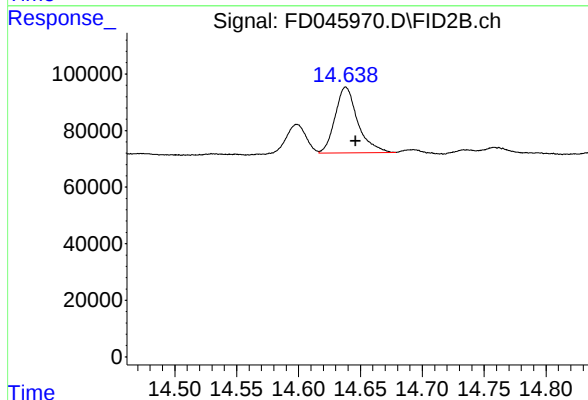
R.T.: 12.736 min
Delta R.T.: -0.003 min
Response: 171899
Conc: 0.88 ug/ml

Instrument :
FID_D
ClientSampleId :



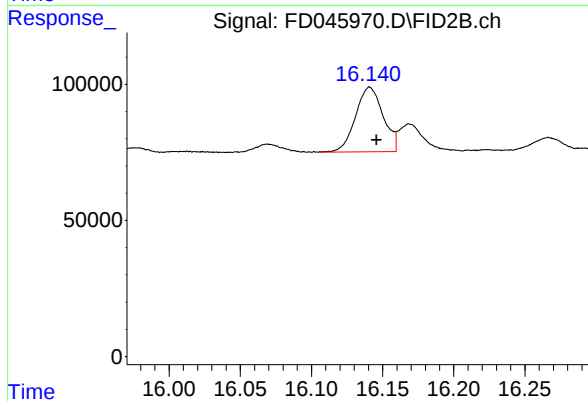
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.599 min
Delta R.T.: -0.005 min
Response: 110079
Conc: 0.61 ug/ml



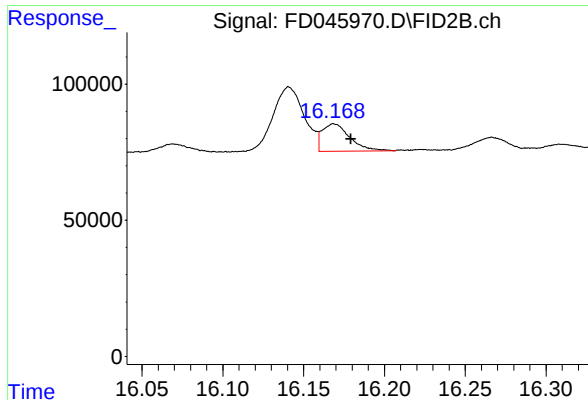
#15 Chrysene (C27.41)

R.T.: 14.638 min
Delta R.T.: -0.008 min
Response: 295331
Conc: 1.50 ug/ml



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

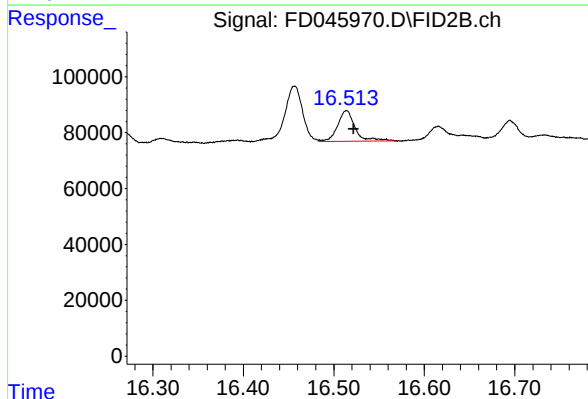
R.T.: 16.141 min
Delta R.T.: -0.005 min
Response: 319145
Conc: 1.70 ug/ml



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

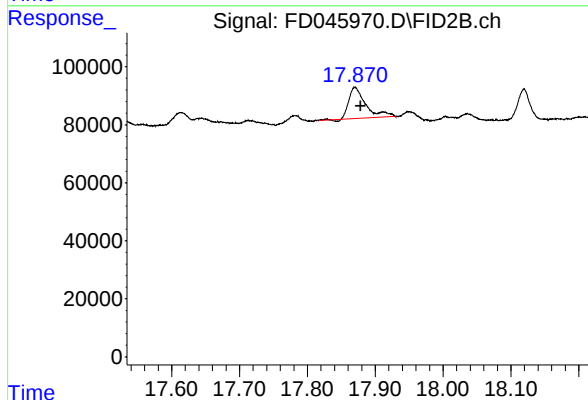
R.T.: 16.169 min
Delta R.T.: -0.011 min
Response: 118920
Conc: 0.60 ug/ml

Instrument :
FID_D
ClientSampleId :



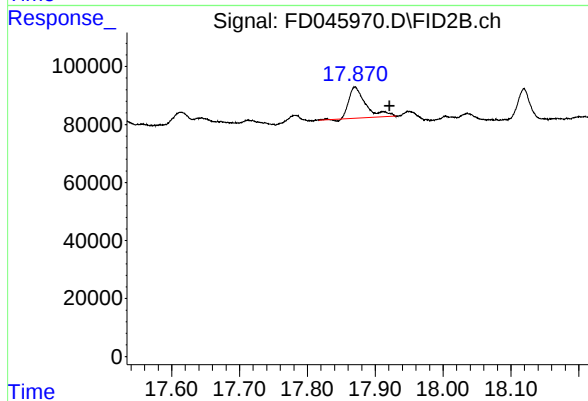
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.514 min
Delta R.T.: -0.008 min
Response: 149165
Conc: 0.86 ug/ml



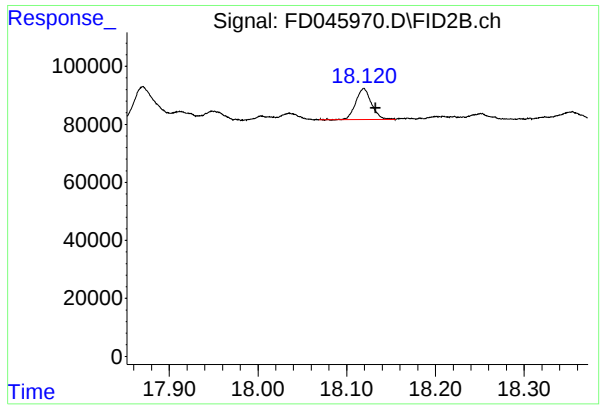
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.870 min
Delta R.T.: -0.008 min
Response: 183058
Conc: 0.98 ug/ml



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

R.T.: 17.870 min
Delta R.T.: -0.051 min
Response: 183058
Conc: 1.00 ug/ml



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

R.T.: 18.119 min
Delta R.T.: -0.013 min
Response: 131443
Conc: 0.70 ug/ml

Instrument :
FID_D
ClientSampleId :