

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046020.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 06:52
 Operator : YP/AJ
 Sample : 03412-01D
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 08:43:34 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...	7.520	8930580	41.441 ug/ml
Spiked Amount 50.000		Recovery =	82.88%
6) S 2-Fluorobiphenyl (SURR)	8.376	5445311	39.344 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.69%
11) S ortho-Terphenyl (SURR)	11.417	10513640	41.470 ug/ml
Spiked Amount 50.000		Recovery =	82.94%
Target Compounds			
12) T Fluoranthene (C21.85)	12.508f	107011	0.523 ug/ml
14) T Benzo[a]anthracene (C...	14.646	105551	0.587 ug/ml
15) T Chrysene (C27.41)	14.646	105551	0.538 ug/ml
16) T benzo[b]fluoranthene ...	16.164	176702	0.942 ug/ml
17) T Bnezo[k]fluoranthene ...	16.164	176702	0.893 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.875	201055	1.080 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	201055	1.094 ug/ml

(f)=RT Delta > 1/2 Window

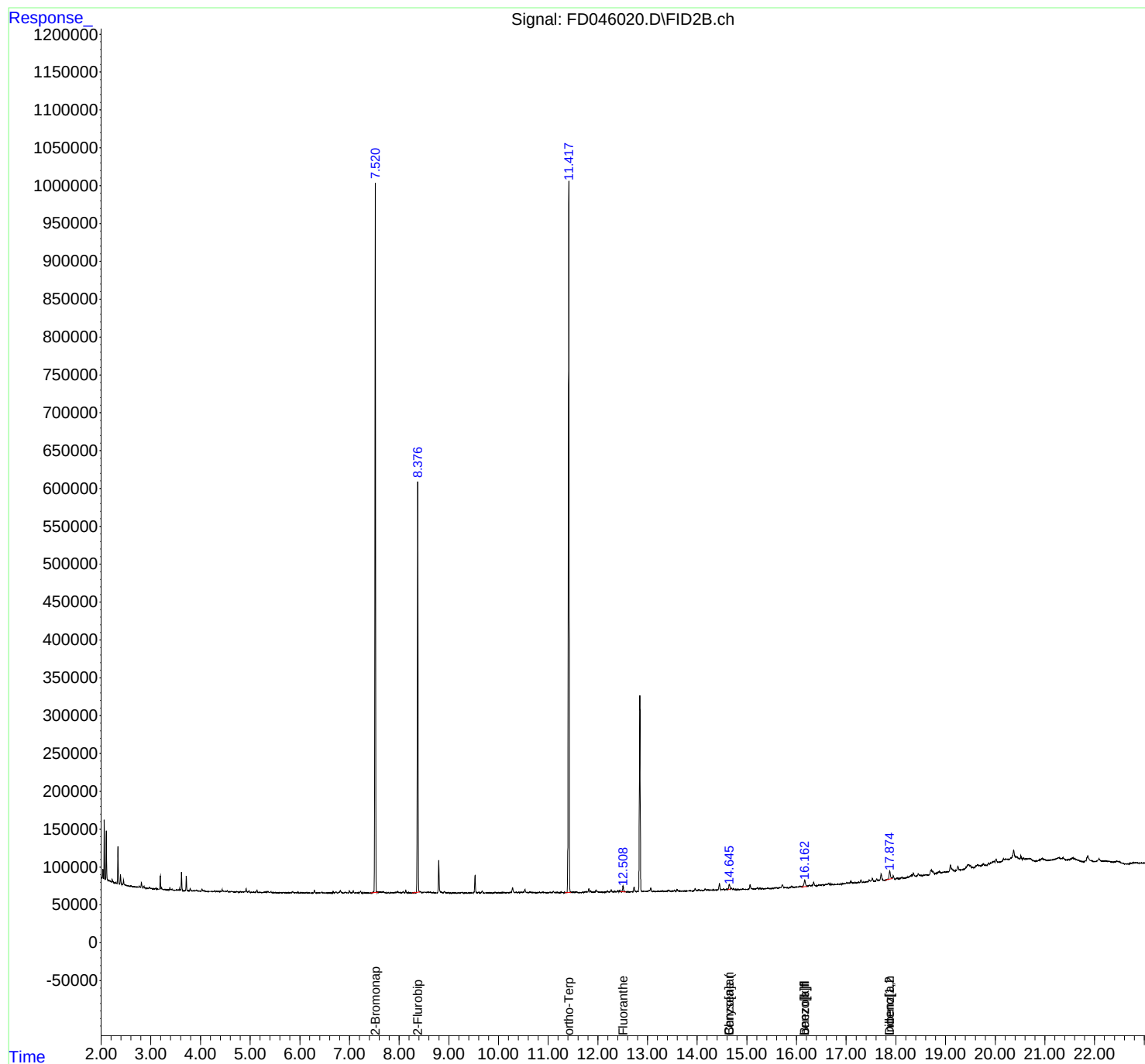
(m)=manual int.

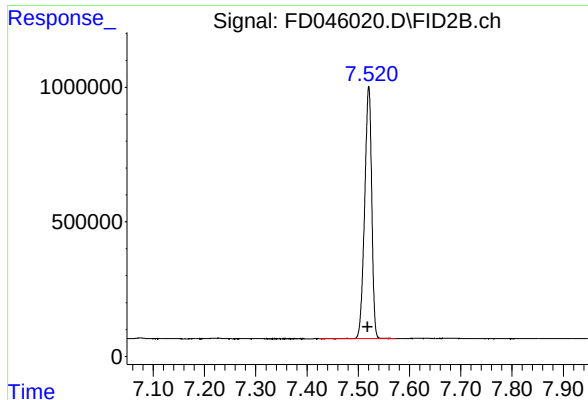
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

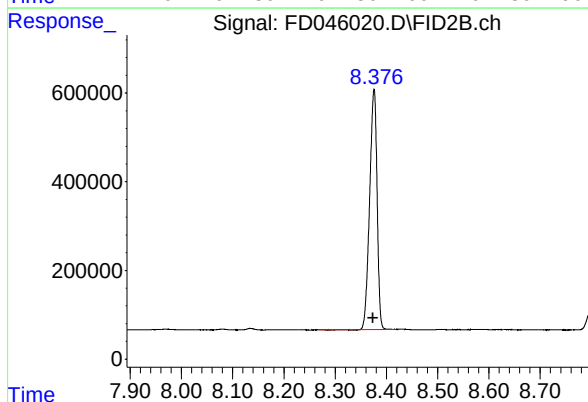




#4 2-Bromonaphthalene (SURRE)

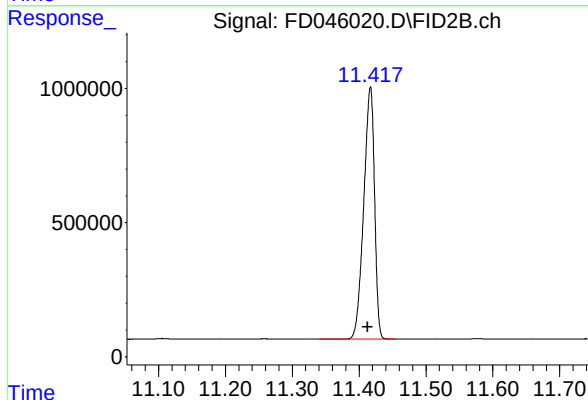
R.T.: 7.520 min
Delta R.T.: 0.002 min
Response: 8930580
Conc: 41.44 ug/ml

Instrument :
FID_D
ClientSampleId :



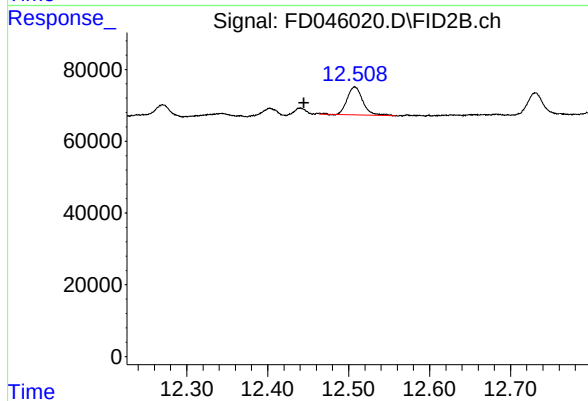
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.376 min
Delta R.T.: 0.002 min
Response: 5445311
Conc: 39.34 ug/ml



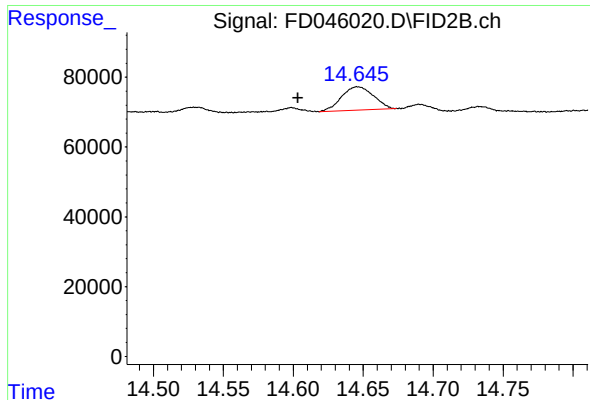
#11 ortho-Terphenyl (SURRE)

R.T.: 11.417 min
Delta R.T.: 0.004 min
Response: 10513640
Conc: 41.47 ug/ml



#12 Fluoranthene (C21.85)

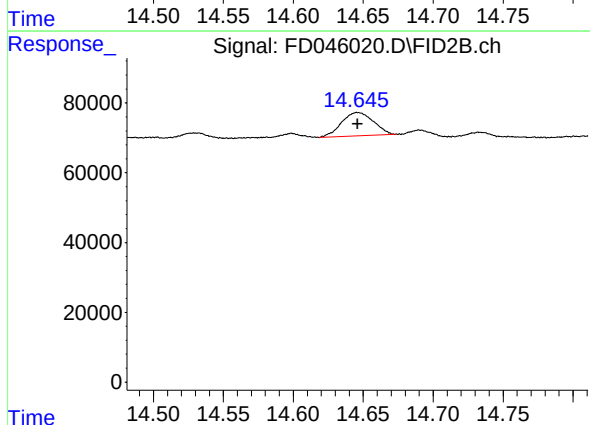
R.T.: 12.508 min
Delta R.T.: 0.063 min
Response: 107011
Conc: 0.52 ug/ml



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

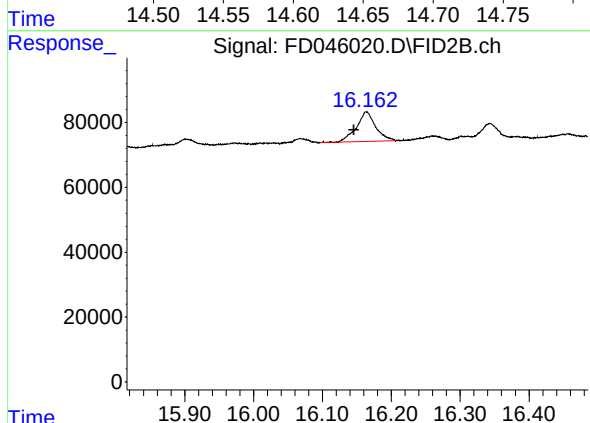
R.T.: 14.646 min
Delta R.T.: 0.043 min
Response: 105551
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



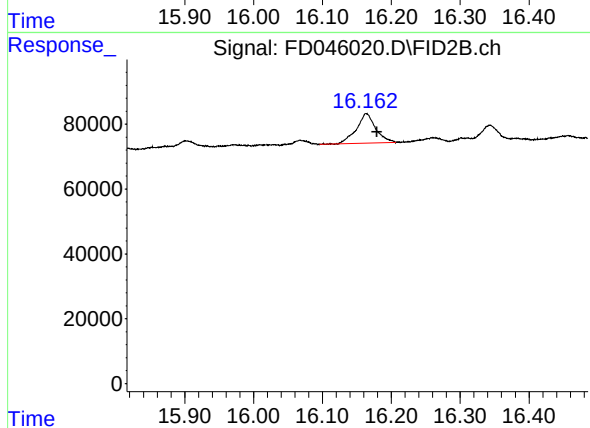
#15 Chrysene (C27.41)

R.T.: 14.646 min
Delta R.T.: 0.000 min
Response: 105551
Conc: 0.54 ug/ml



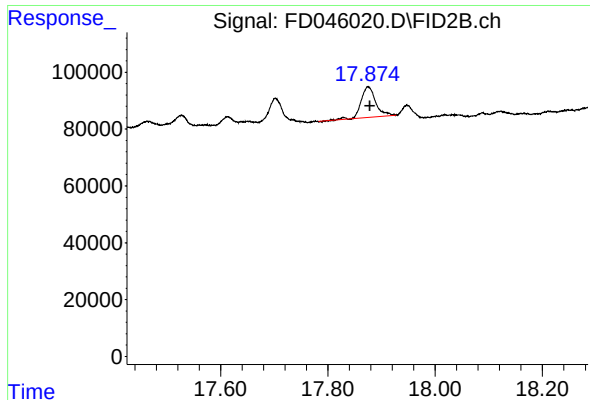
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.164 min
Delta R.T.: 0.018 min
Response: 176702
Conc: 0.94 ug/ml



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

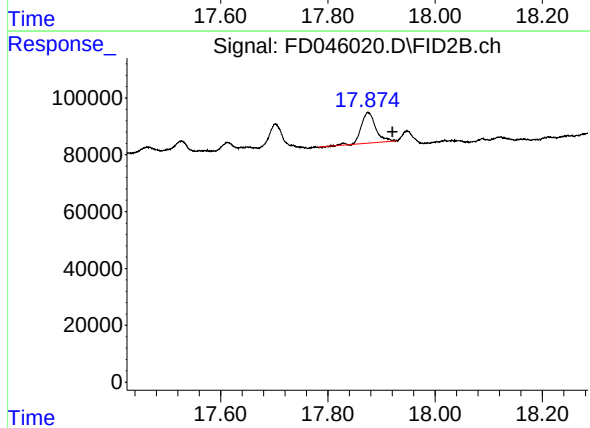
R.T.: 16.164 min
Delta R.T.: -0.015 min
Response: 176702
Conc: 0.89 ug/ml



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

R.T.: 17.875 min
Delta R.T.: -0.003 min
Response: 201055
Conc: 1.08 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.875 min
Delta R.T.: -0.046 min
Response: 201055
Conc: 1.09 ug/ml