

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046024.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 09:30
 Operator : YP/AJ
 Sample : 03412-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 29 02:14:28 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...	7.521	11167388	51.821 ug/ml
Spiked Amount 50.000		Recovery =	103.64%
6) S 2-Fluorobiphenyl (SURR)	8.377	6859688	49.563 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.13%
11) S ortho-Terphenyl (SURR)	11.415	9515455	37.533 ug/ml
Spiked Amount 50.000		Recovery =	75.07%
Target Compounds			
12) T Fluoranthene (C21.85)	12.507f	123425	0.603 ug/ml
14) T Benzo[a]anthracene (C...	14.646	133588	0.743 ug/ml
15) T Chrysene (C27.41)	14.646	133588	0.681 ug/ml
16) T benzo[b]fluoranthene ...	16.164	226032	1.205 ug/ml
17) T Bnezo[k]fluoranthene ...	16.164	226032	1.143 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.874	228967	1.230 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	228967	1.245 ug/ml

(f)=RT Delta > 1/2 Window

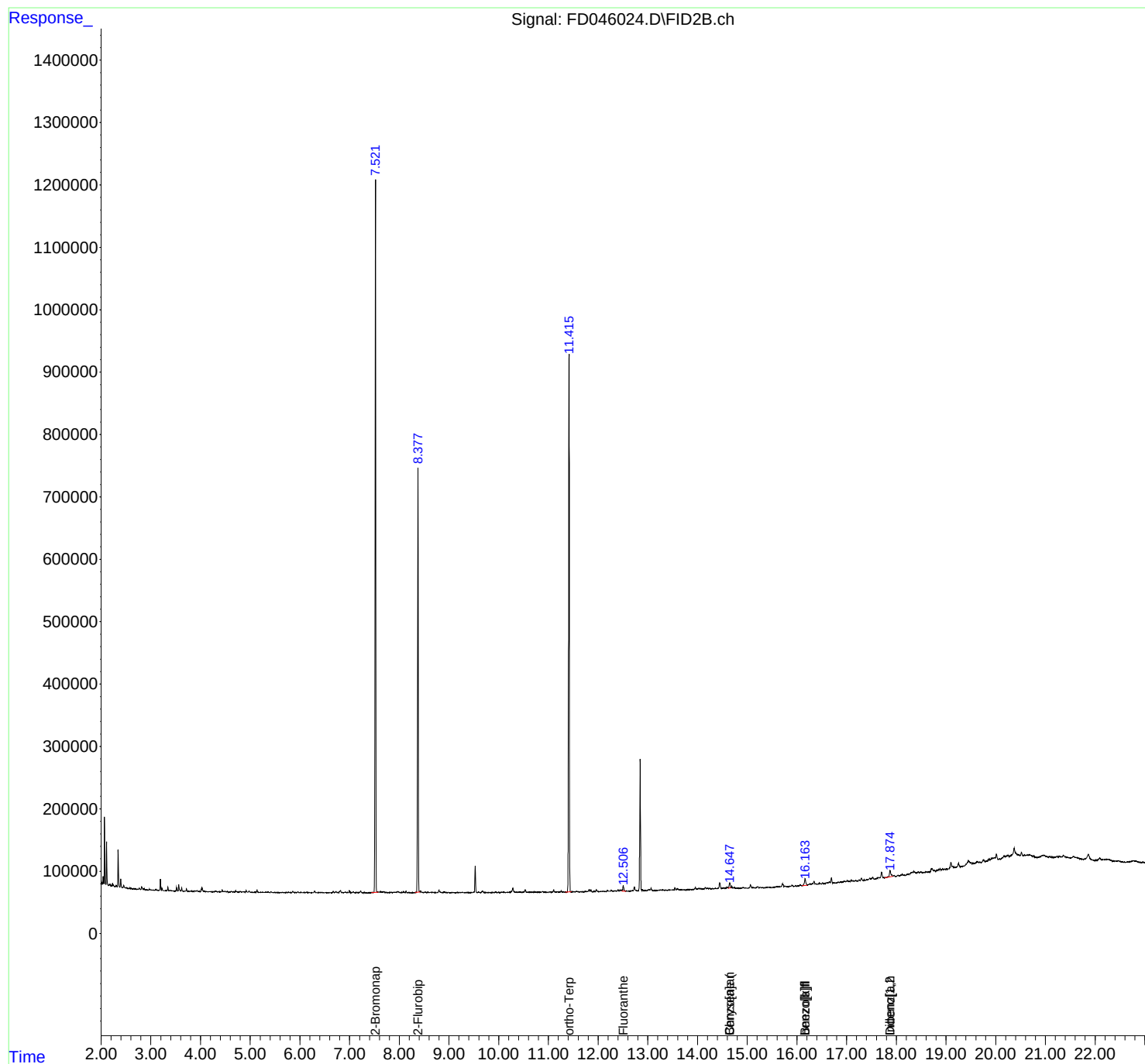
(m)=manual int.

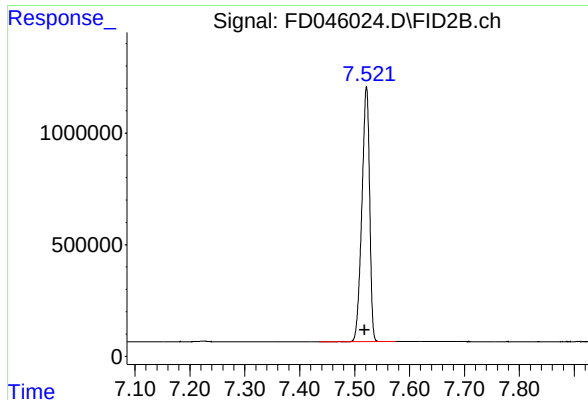
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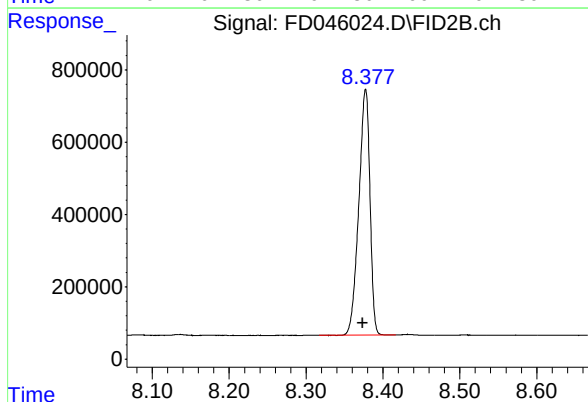




#4 2-Bromonaphthalene (SURR)

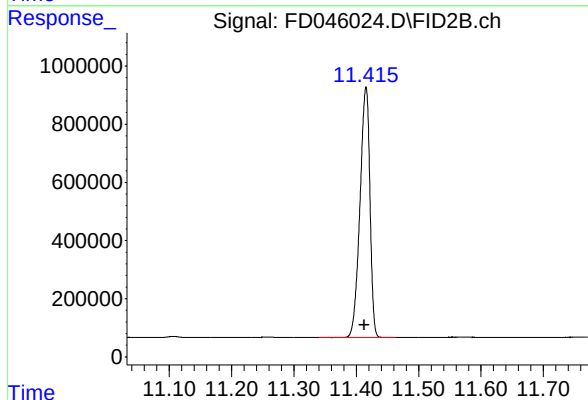
R.T.: 7.521 min
Delta R.T.: 0.003 min
Response: 11167388
Conc: 51.82 ug/ml

Instrument :
FID_D
ClientSampleId :



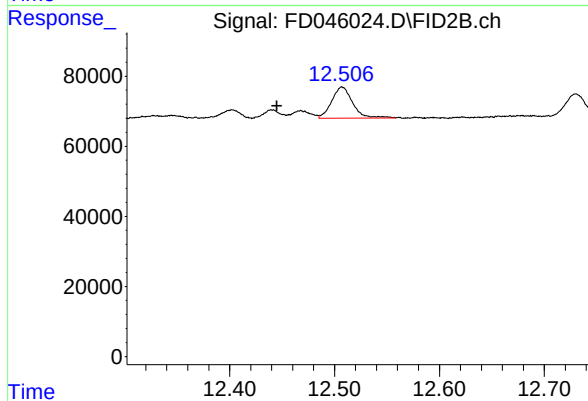
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.377 min
Delta R.T.: 0.004 min
Response: 6859688
Conc: 49.56 ug/ml



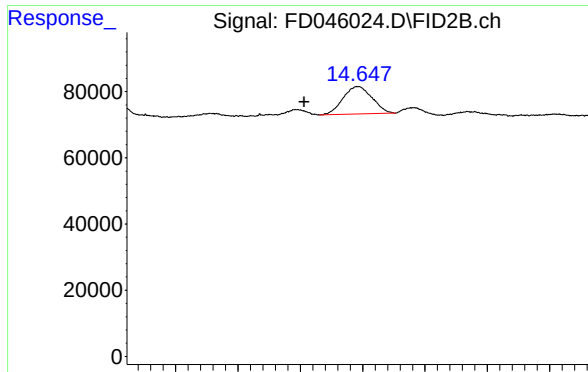
#11 ortho-Terphenyl (SURR)

R.T.: 11.415 min
Delta R.T.: 0.002 min
Response: 9515455
Conc: 37.53 ug/ml



#12 Fluoranthene (C21.85)

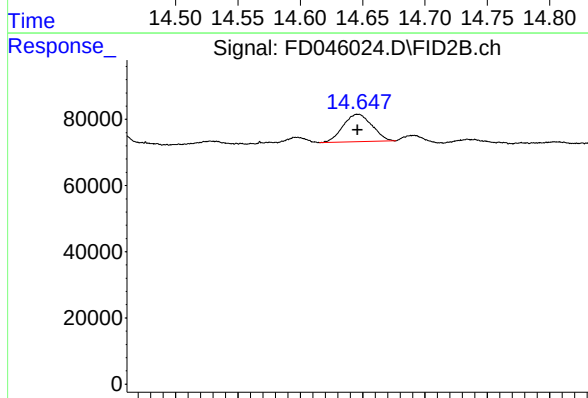
R.T.: 12.507 min
Delta R.T.: 0.062 min
Response: 123425
Conc: 0.60 ug/ml



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

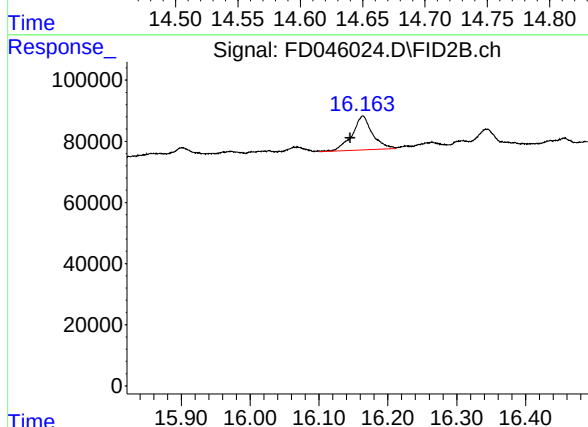
R.T.: 14.646 min
Delta R.T.: 0.043 min
Response: 133588
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



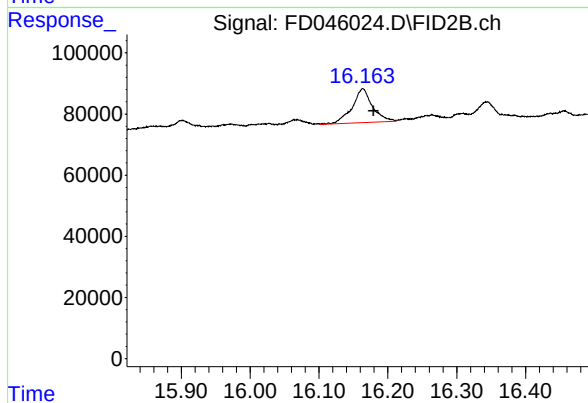
#15 Chrysene (C27.41)

R.T.: 14.646 min
Delta R.T.: 0.000 min
Response: 133588
Conc: 0.68 ug/ml



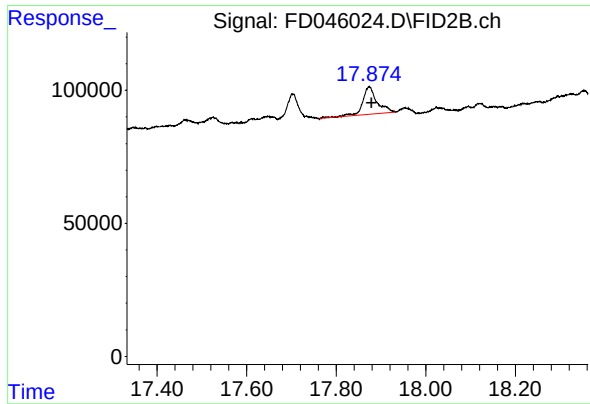
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.164 min
Delta R.T.: 0.018 min
Response: 226032
Conc: 1.21 ug/ml



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

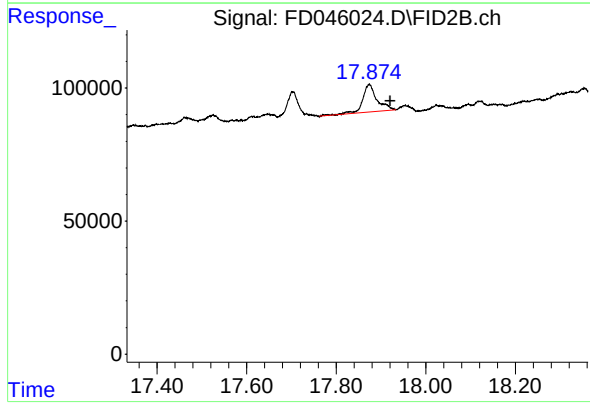
R.T.: 16.164 min
Delta R.T.: -0.016 min
Response: 226032
Conc: 1.14 ug/ml



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

R.T.: 17.874 min
Delta R.T.: -0.005 min
Response: 228967
Conc: 1.23 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.874 min
Delta R.T.: -0.047 min
Response: 228967
Conc: 1.25 ug/ml