

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071823AR\
 Data File : FD046124.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jul 2023 16:24
 Operator : YP/AJ
 Sample : PB154264BL
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154264BL

Integration File: autoint1.e
 Quant Time: Jul 19 04:56:34 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...	7.509	7163393	33.241 ug/ml
Spiked Amount 50.000		Recovery =	66.48%
6) S 2-Fluorobiphenyl (SURR)	8.363	4537337	32.784 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	65.57%
11) S ortho-Terphenyl (SURR)	11.405	10881782	42.923 ug/ml
Spiked Amount 50.000		Recovery =	85.85%
Target Compounds			
14) T Benzo[a]anthracene (C...	14.631	171859	0.956 ug/ml
15) T Chrysene (C27.41)	14.631	171859	0.876 ug/ml
16) T benzo[b]fluoranthene ...	16.155	195898	1.044 ug/ml
17) T Bnezo[k]fluoranthene ...	16.155	195898	0.990 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	425129	2.284 ug/ml
20) T Dibenz[a,h]anthracene...	17.899	425129	2.312 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	214451	1.148 ug/ml

(f)=RT Delta > 1/2 Window

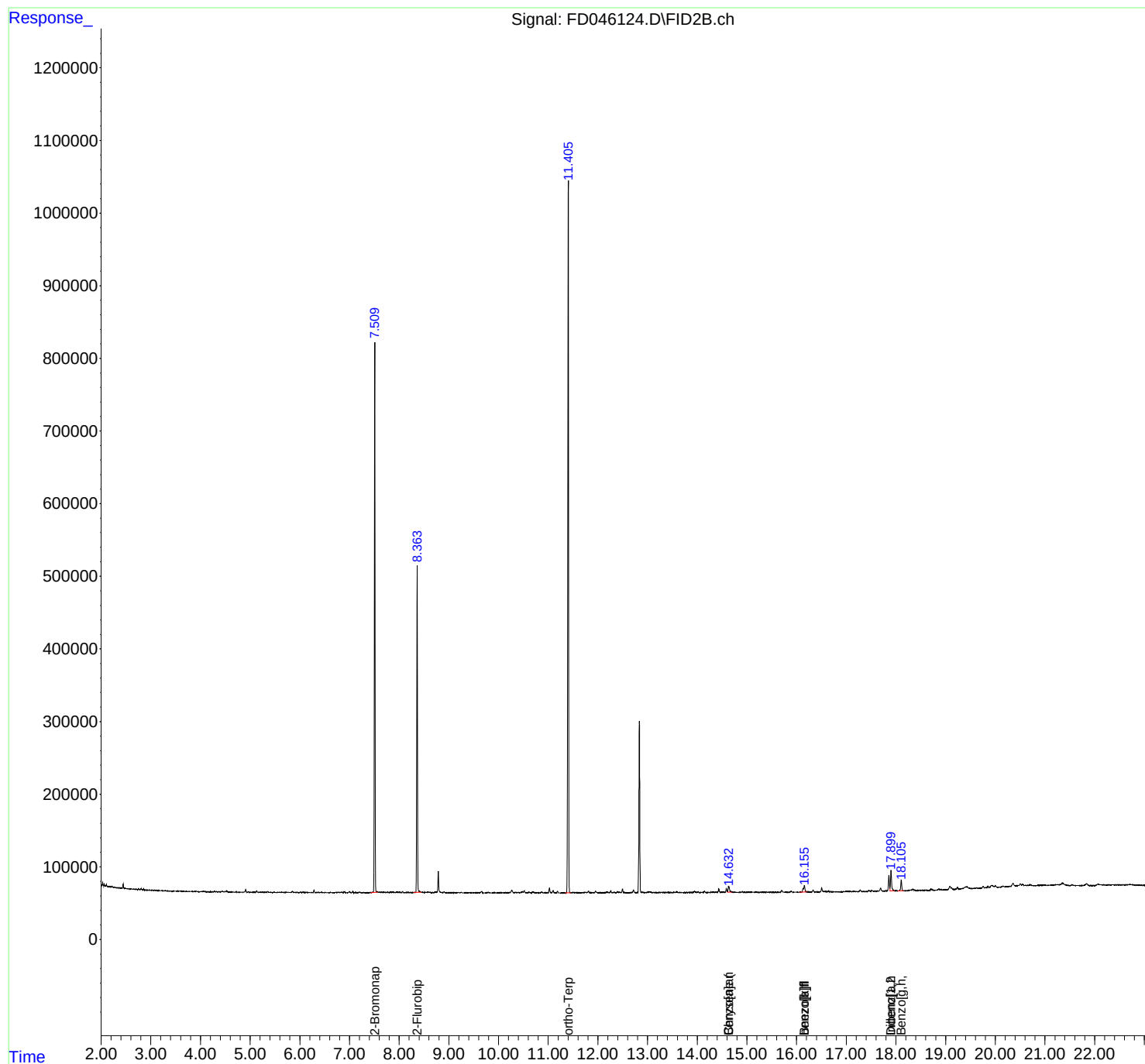
(m)=manual int.

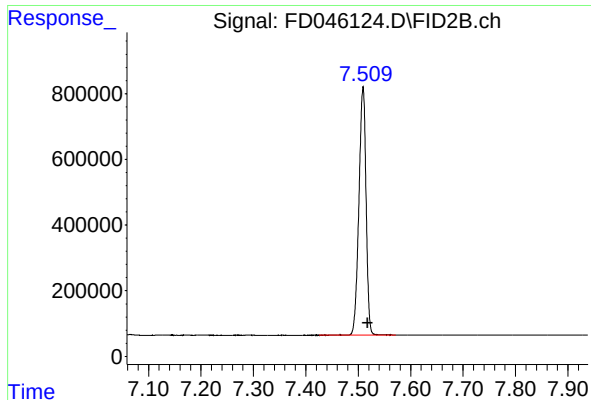
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Signal Info : 20M x 0.18mm x 0.18µm

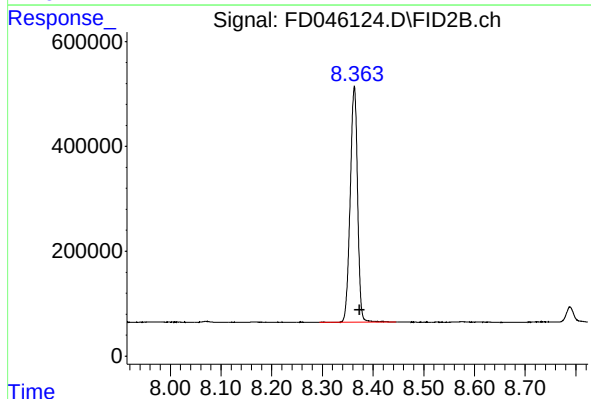




#4 2-Bromonaphthalene (SURR)

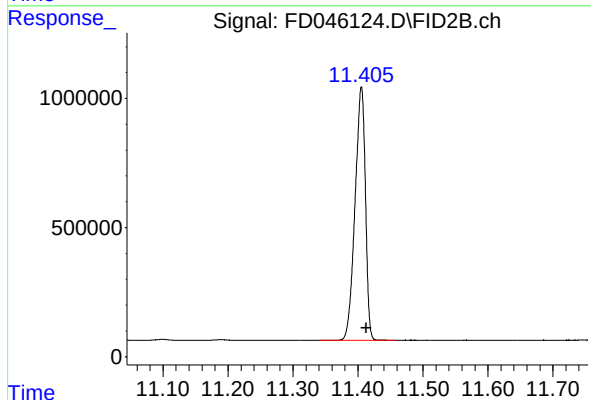
R.T.: 7.509 min
Delta R.T.: -0.009 min
Response: 7163393
Conc: 33.24 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154264BL



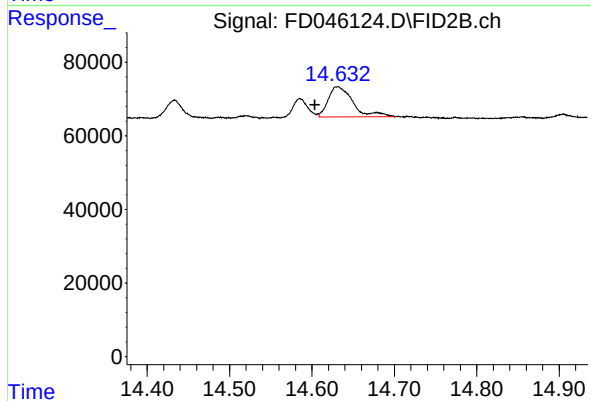
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.363 min
Delta R.T.: -0.011 min
Response: 4537337
Conc: 32.78 ug/ml



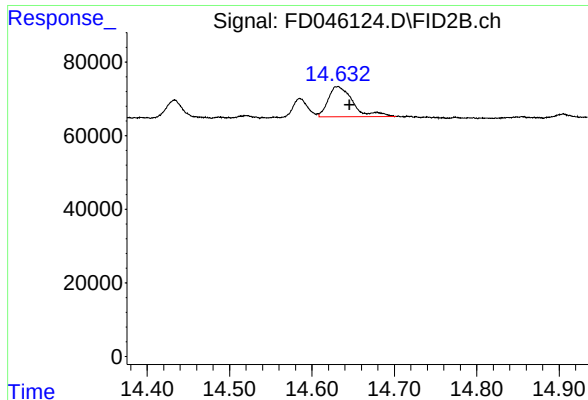
#11 ortho-Terphenyl (SURR)

R.T.: 11.405 min
Delta R.T.: -0.008 min
Response: 10881782
Conc: 42.92 ug/ml



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

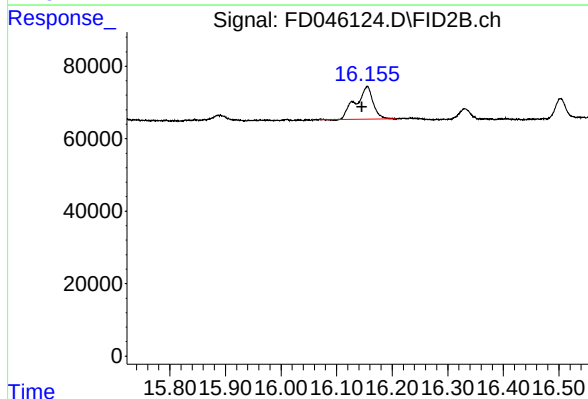
R.T.: 14.631 min
Delta R.T.: 0.028 min
Response: 171859
Conc: 0.96 ug/ml



#15 Chrysene (C27.41)

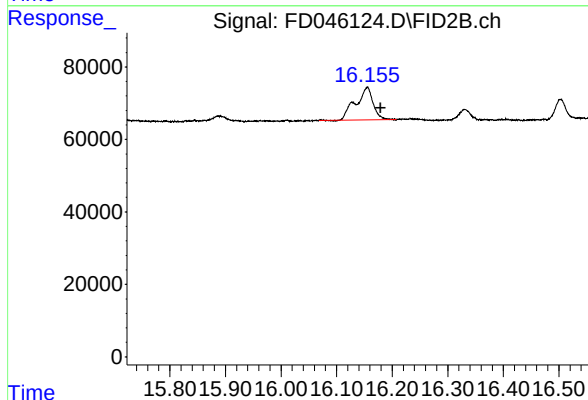
R.T.: 14.631 min
Delta R.T.: -0.015 min
Response: 171859
Conc: 0.88 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154264BL



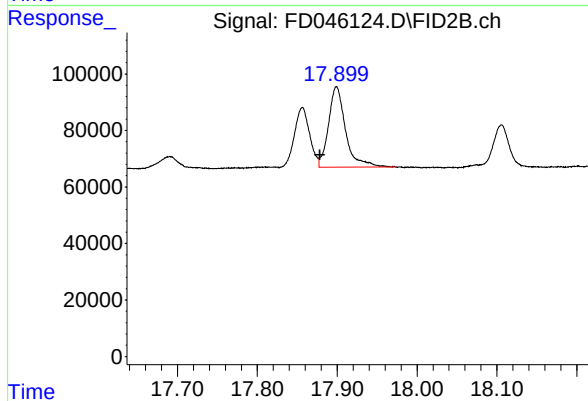
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.155 min
Delta R.T.: 0.009 min
Response: 195898
Conc: 1.04 ug/ml



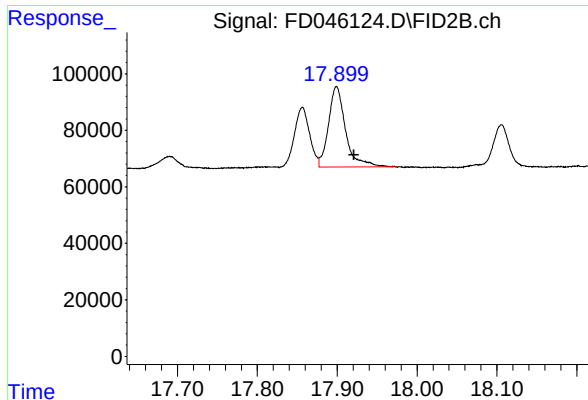
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.155 min
Delta R.T.: -0.024 min
Response: 195898
Conc: 0.99 ug/ml



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

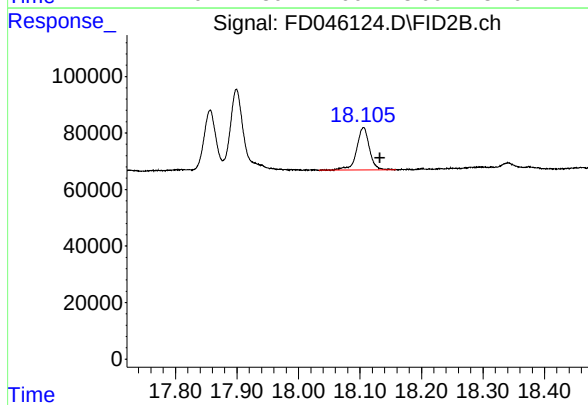
R.T.: 17.899 min
Delta R.T.: 0.020 min
Response: 425129
Conc: 2.28 ug/ml



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

R.T.: 17.899 min
Delta R.T.: -0.022 min
Response: 425129
Conc: 2.31 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154264BL



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

R.T.: 18.106 min
Delta R.T.: -0.027 min
Response: 214451
Conc: 1.15 ug/ml