

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070224AR\
 Data File : FD047976.D
 Signal(s) : FID2B.ch
 Acq On : 02 Jul 2024 18:56
 Operator : YP/AJ
 Sample : P3141-05
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 03 04:58:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 2024
 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...	7.414	6942621	47.739 ug/ml
Spiked Amount 50.000		Recovery =	95.48%
6) S 2-Fluorobiphenyl (SURR)	8.264	4406759	45.240 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.48%
11) S ortho-Terphenyl (SURR)	11.303	6127539	36.462 ug/ml
Spiked Amount 50.000		Recovery =	72.92%
Target Compounds			
12) T Fluoranthene (C21.85)	12.369	25244	0.153 ug/ml
15) T Chrysene (C27.41)	14.607f	48111	0.294 ug/ml
16) T benzo[b]fluoranthene ...	16.062	22855	0.149 ug/ml
17) T Bnezo[k]fluoranthene ...	16.088	27060	0.181 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.786	268817	2.044 ug/ml
20) T Dibenz[a,h]anthracene...	17.857	162561	1.026 ug/ml
21) T Benzo[g,h,i]perylene ...	18.060	71613	0.476 ug/ml

(f)=RT Delta > 1/2 Window

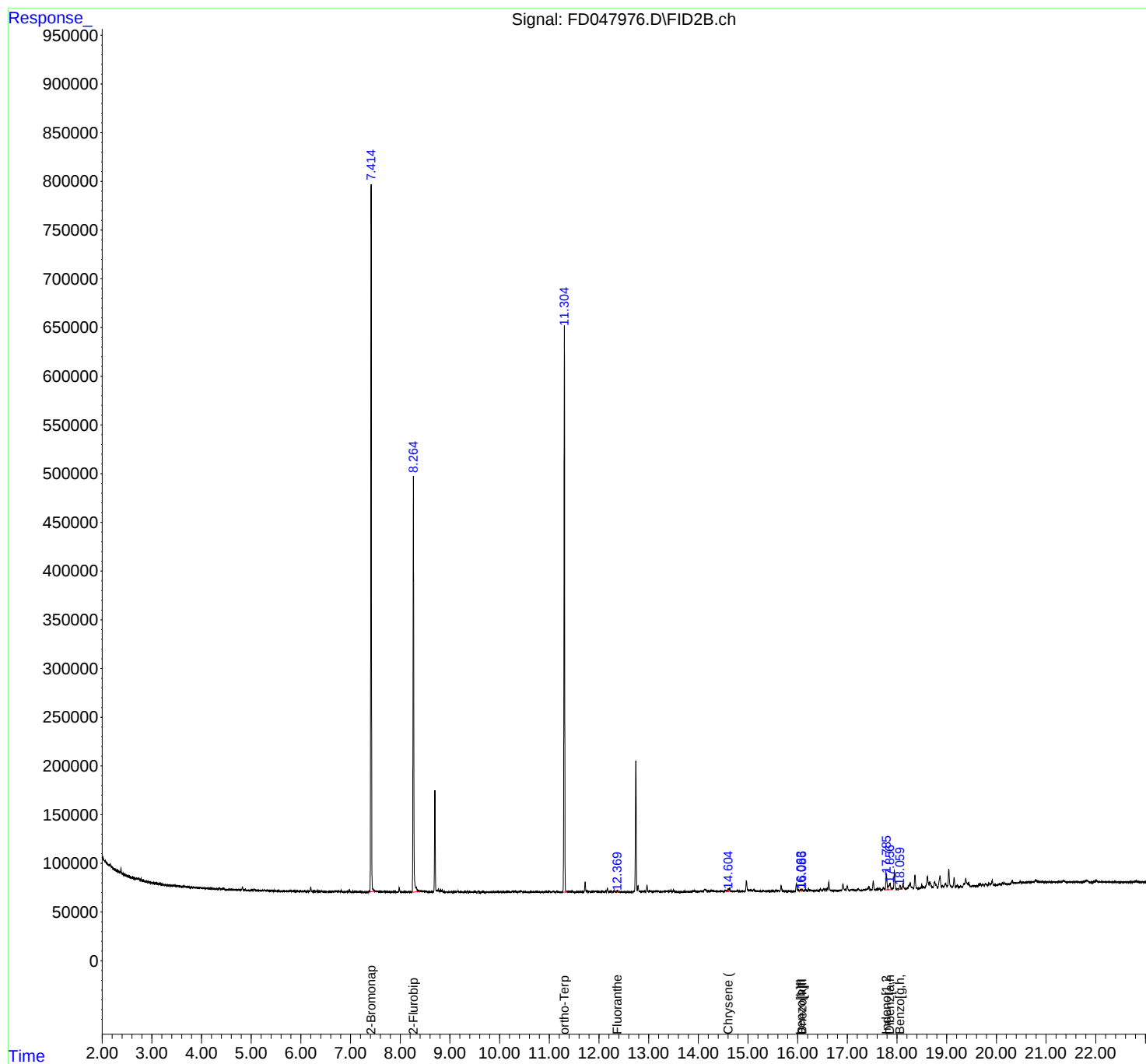
(m)=manual int.

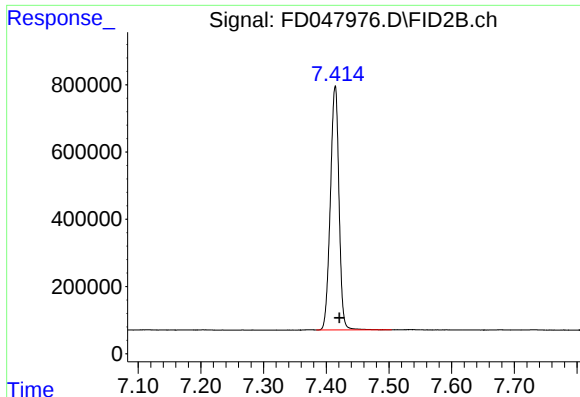
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Signal Info : 20M x 0.18mm x 0.18µm

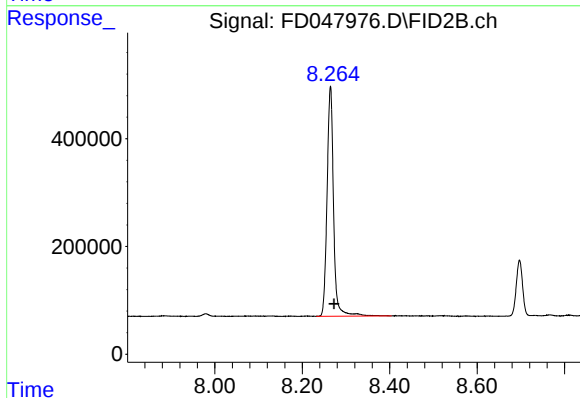




#4 2-Bromonaphthalene (SURRE)

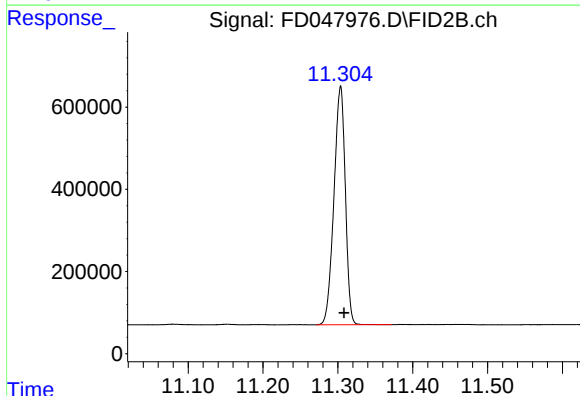
R.T.: 7.414 min
Delta R.T.: -0.007 min
Response: 6942621
Conc: 47.74 ug/ml

Instrument :
FID_D
ClientSampleId :



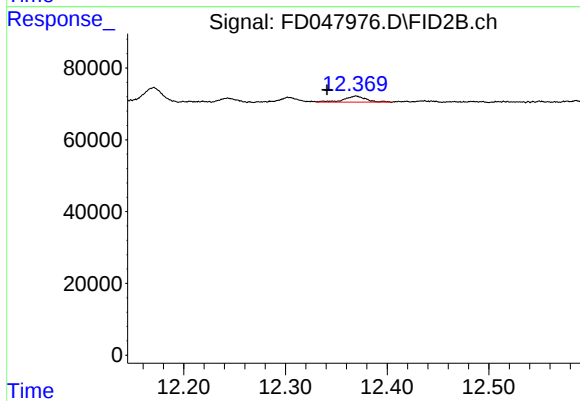
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.264 min
Delta R.T.: -0.009 min
Response: 4406759
Conc: 45.24 ug/ml



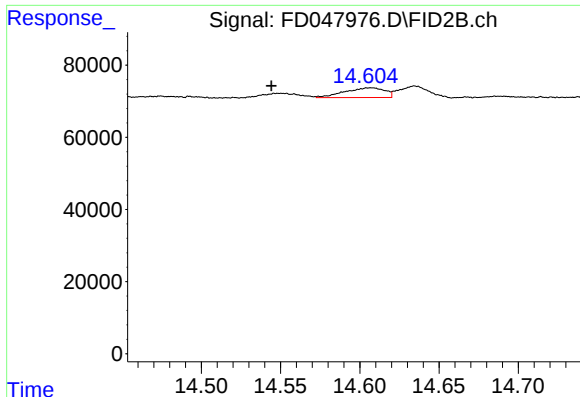
#11 ortho-Terphenyl (SURRE)

R.T.: 11.303 min
Delta R.T.: -0.005 min
Response: 6127539
Conc: 36.46 ug/ml



#12 Fluoranthene (C21.85)

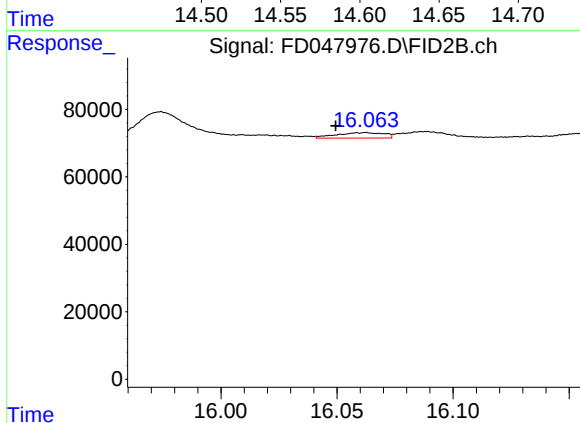
R.T.: 12.369 min
Delta R.T.: 0.028 min
Response: 25244
Conc: 0.15 ug/ml



#15 Chrysene (C27.41)

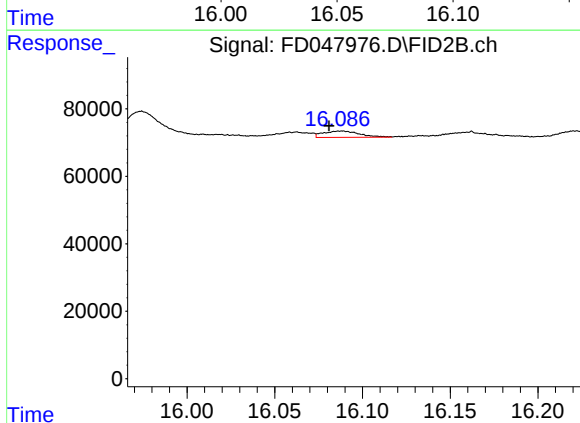
R.T.: 14.607 min
Delta R.T.: 0.062 min
Response: 48111
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :



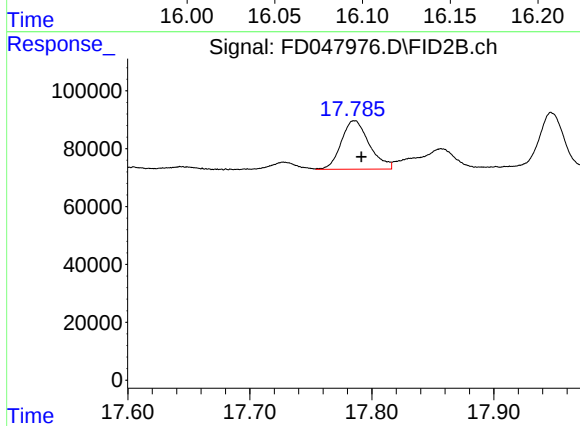
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.062 min
Delta R.T.: 0.012 min
Response: 22855
Conc: 0.15 ug/ml



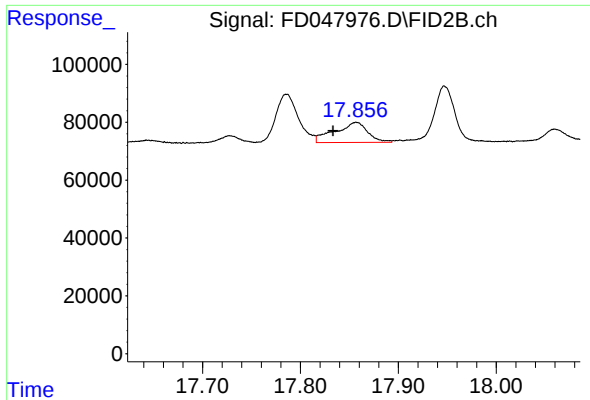
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.088 min
Delta R.T.: 0.007 min
Response: 27060
Conc: 0.18 ug/ml



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

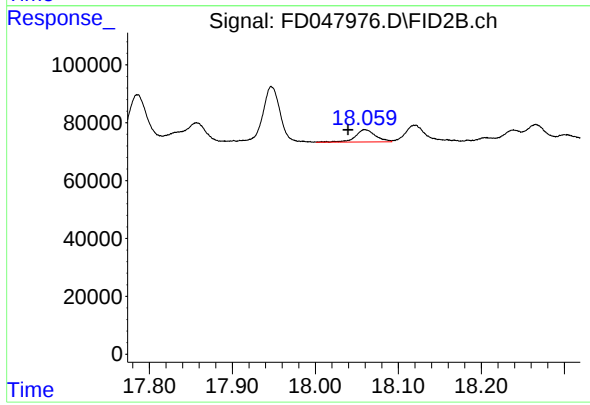
R.T.: 17.786 min
Delta R.T.: -0.006 min
Response: 268817
Conc: 2.04 ug/ml



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

R.T.: 17.857 min
Delta R.T.: 0.023 min
Response: 162561
Conc: 1.03 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.060 min
Delta R.T.: 0.021 min
Response: 71613
Conc: 0.48 ug/ml