

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021023AR\
 Data File : FD045011.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2023 23:11
 Operator : YP/AJ
 Sample : 01508-03
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 06:25:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.559	6577629	44.849 ug/ml
Spiked Amount 50.000		Recovery =	89.70%
6) S 2-Fluorobiphenyl (SURR)	8.415	4420450	44.287 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.57%
11) S ortho-Terphenyl (SURR)	11.455	4688637	25.227 ug/ml
Spiked Amount 50.000		Recovery =	50.45%
Target Compounds			
12) T Fluoranthene (C21.85)	12.509	40841	0.255 ug/ml
16) T benzo[b]fluoranthene ...	16.130f	81526	0.562 ug/ml
17) T Bnezo[k]fluoranthene ...	16.269	158800	1.114 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.562	58706	0.420 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.945	109129	0.811 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	109129	0.824 ug/ml
21) T Benzo[g,h,i]perylene ...	18.174	123099	0.905 ug/ml

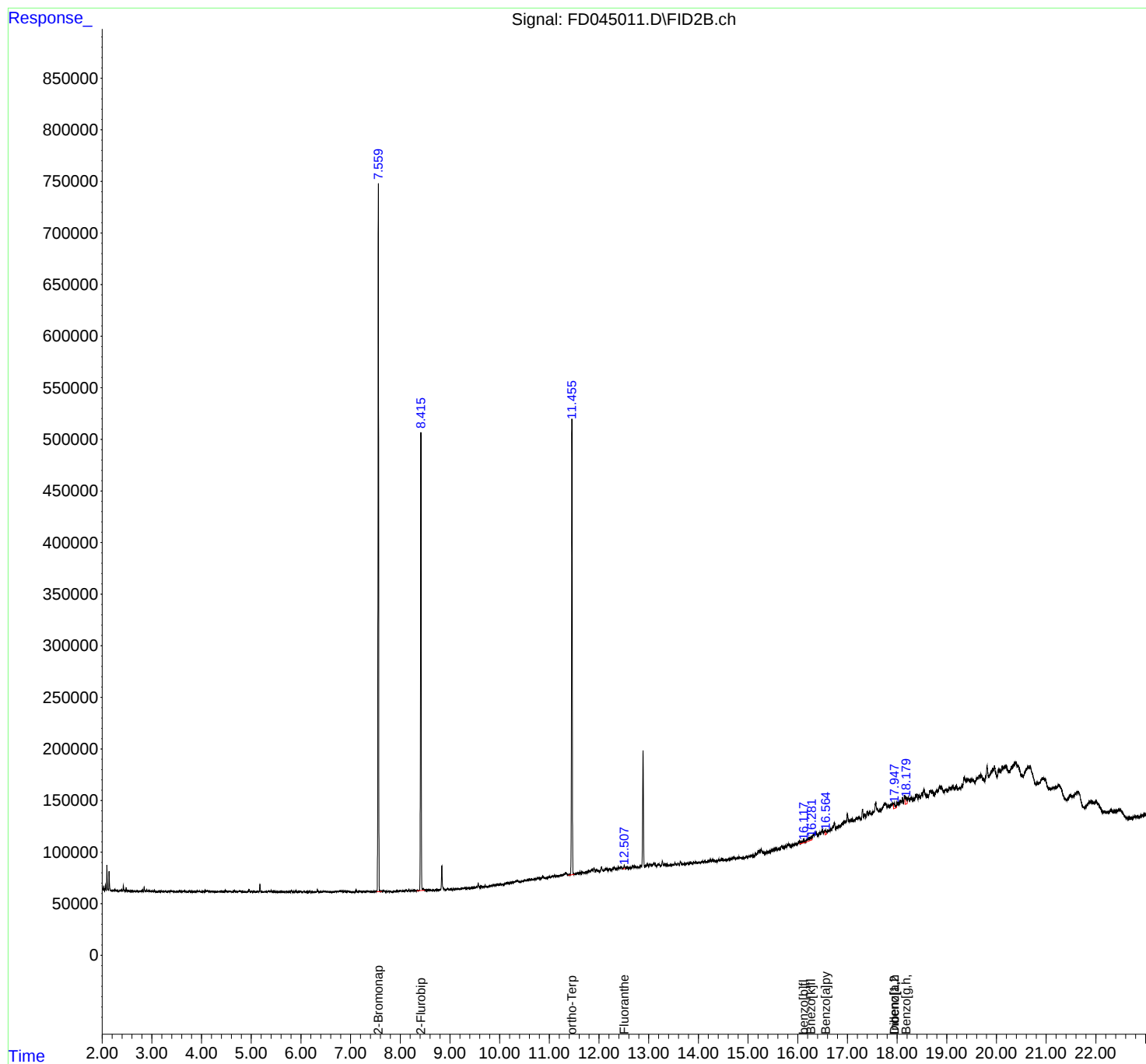
(f)=RT Delta > 1/2 Window

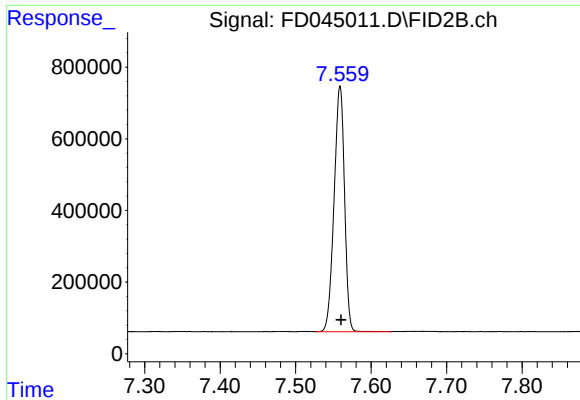
(m)=manual int.

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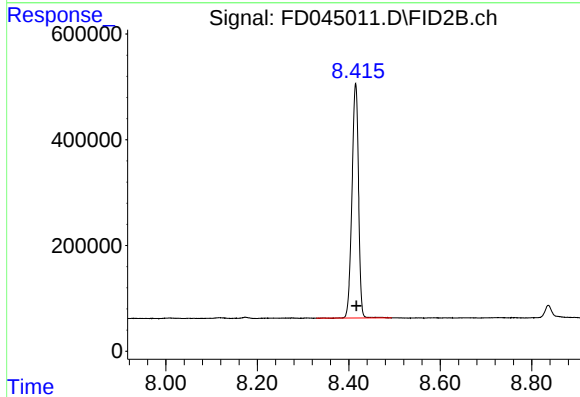
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Signal Info : 20M x 0.18mm x 0.18µm





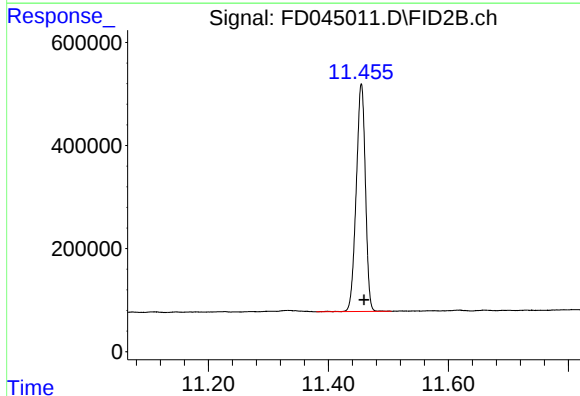
#4 2-Bromonaphthalene (SURR)

R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 6577629
Conc: 44.85 ug/ml



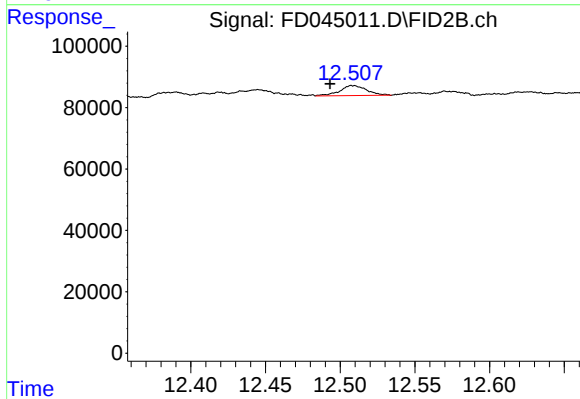
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 4420450
Conc: 44.29 ug/ml



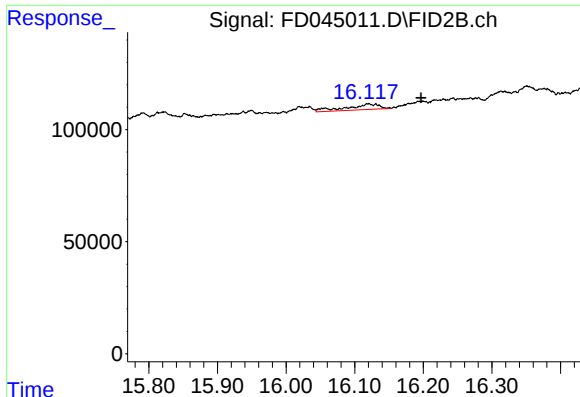
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 4688637
Conc: 25.23 ug/ml



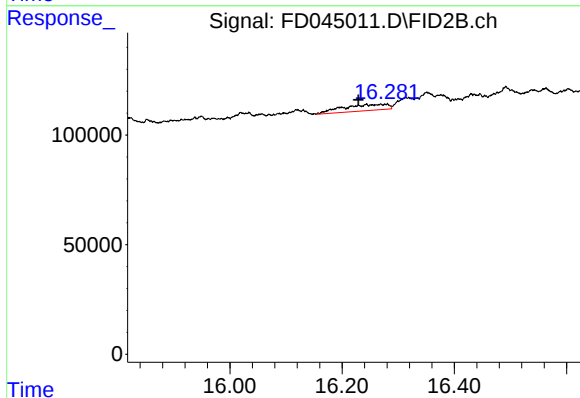
#12 Fluoranthene (C21.85)

R.T.: 12.509 min
Delta R.T.: 0.016 min
Response: 40841
Conc: 0.26 ug/ml



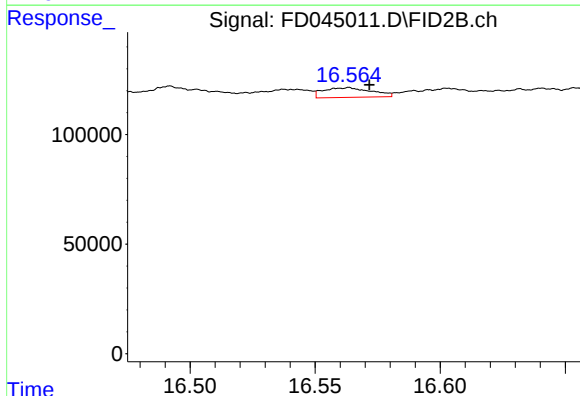
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.130 min
Delta R.T.: -0.067 min
Response: 81526
Conc: 0.56 ug/ml



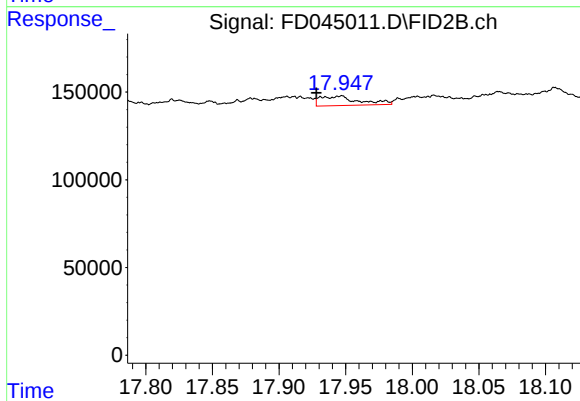
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.269 min
Delta R.T.: 0.040 min
Response: 158800
Conc: 1.11 ug/ml



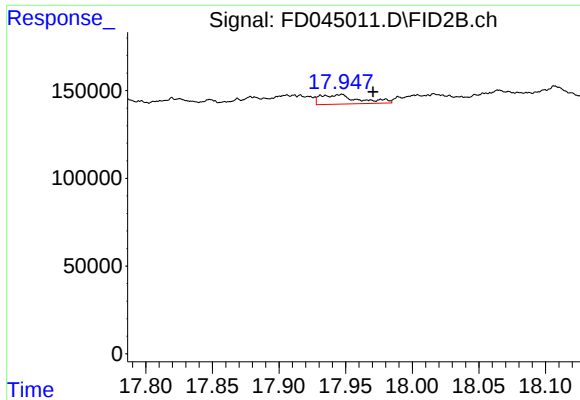
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.562 min
Delta R.T.: -0.010 min
Response: 58706
Conc: 0.42 ug/ml



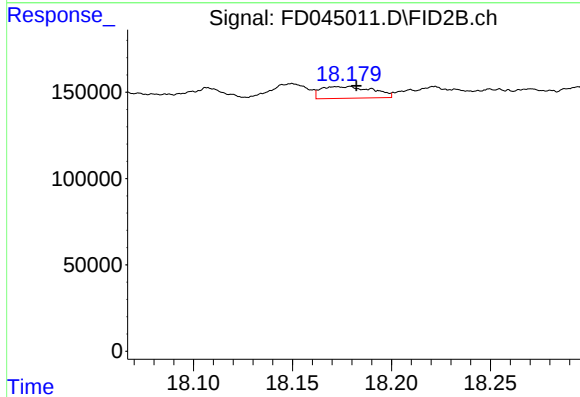
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.945 min
Delta R.T.: 0.017 min
Response: 109129
Conc: 0.81 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.025 min
Response: 109129
Conc: 0.82 ug/ml



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

R.T.: 18.174 min
Delta R.T.: -0.008 min
Response: 123099
Conc: 0.91 ug/ml