

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122822AR\
 Data File : FD044735.D
 Signal(s) : FID2B.ch
 Acq On : 28 Dec 2022 19:11
 Operator : YP/AJ
 Sample : N6196-06D
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 29 05:15:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 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...	7.660	4787097	33.197 ug/ml
Spiked Amount 50.000		Recovery =	66.39%
6) S 2-Fluorobiphenyl (SURR)	8.517	3119761	32.139 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.28%
11) S ortho-Terphenyl (SURR)	11.546	4910280	27.254 ug/ml
Spiked Amount 50.000		Recovery =	54.51%
Target Compounds			
12) T Fluoranthene (C21.85)	12.578	66841	0.426 ug/ml
16) T benzo[b]fluoranthene ...	16.269	22089	0.147 ug/ml
17) T Bnezo[k]fluoranthene ...	16.269	22089	0.146 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.644	52343	0.361 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.996	93212	0.659 ug/ml
20) T Dibenz[a,h]anthracene...	18.038	191064	1.303 ug/ml
21) T Benzo[g,h,i]perylene ...	18.245	75303	0.530 ug/ml

(f)=RT Delta > 1/2 Window

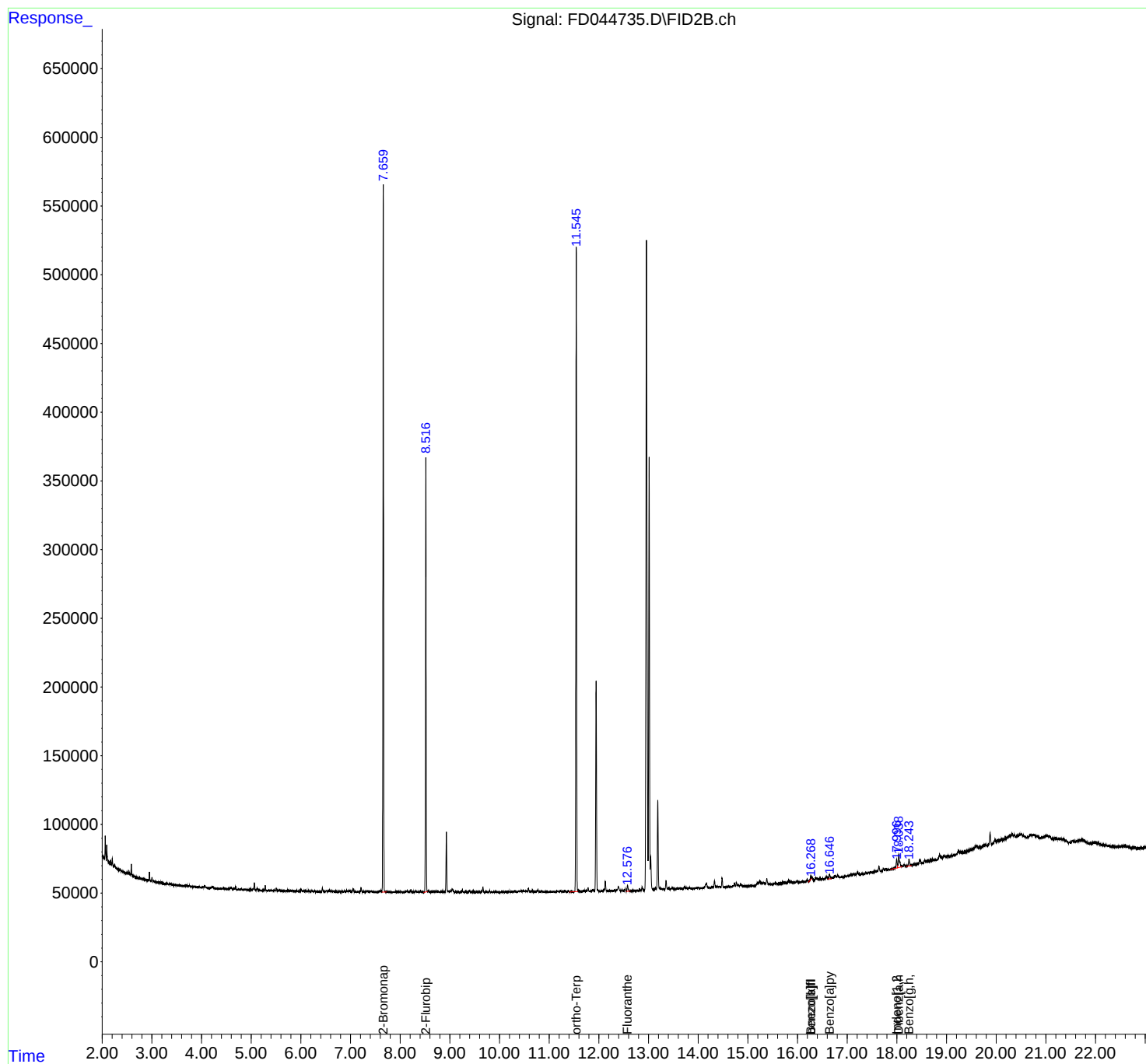
(m)=manual int.

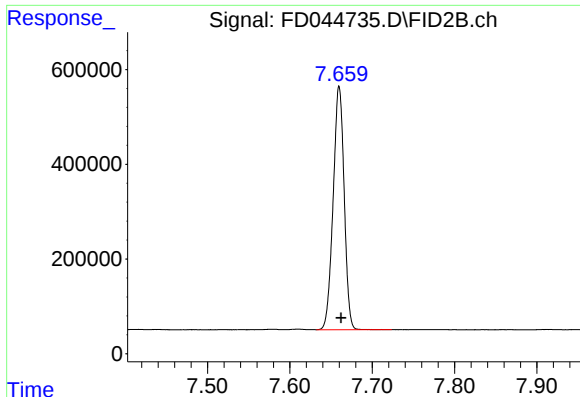
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Signal Info : 20M x 0.18mm x 0.18µm

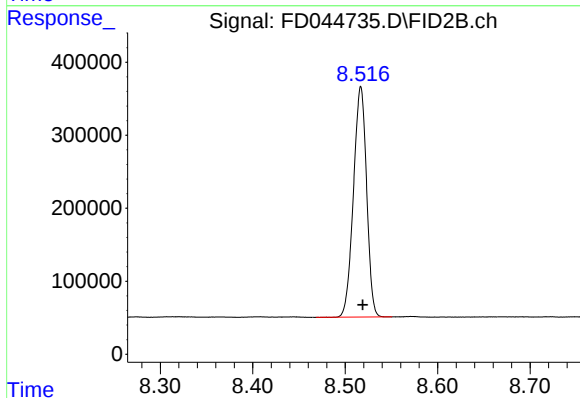




#4 2-Bromonaphthalene (SURRE)

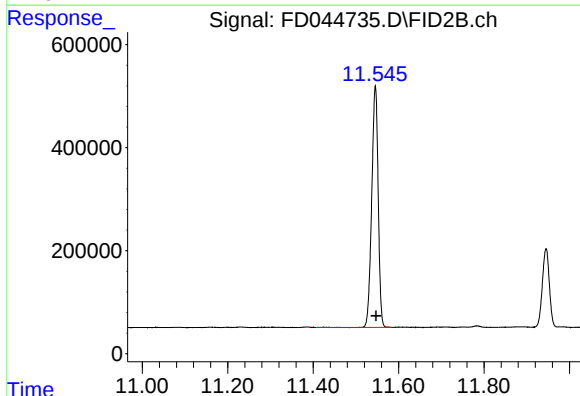
R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 4787097
Conc: 33.20 ug/ml

Instrument :
FID_D
ClientSampleId :



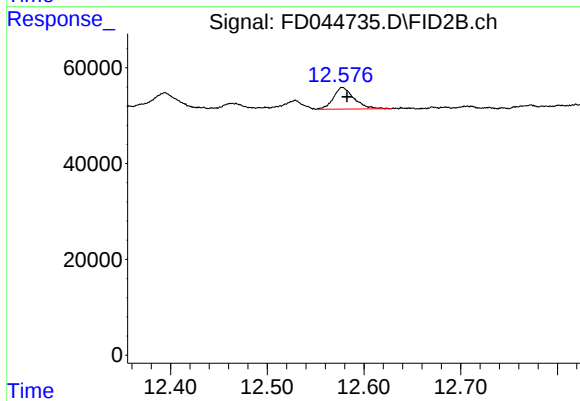
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.517 min
Delta R.T.: -0.002 min
Response: 3119761
Conc: 32.14 ug/ml



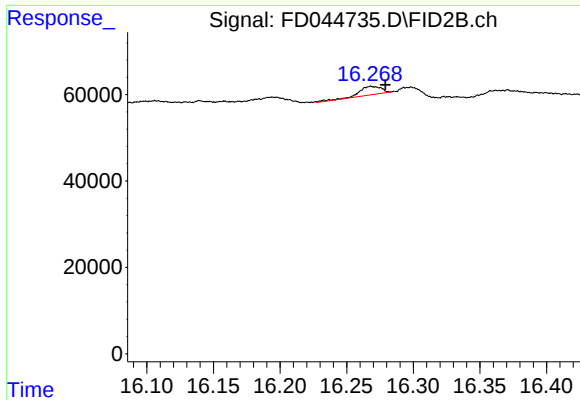
#11 ortho-Terphenyl (SURRE)

R.T.: 11.546 min
Delta R.T.: -0.001 min
Response: 4910280
Conc: 27.25 ug/ml



#12 Fluoranthene (C21.85)

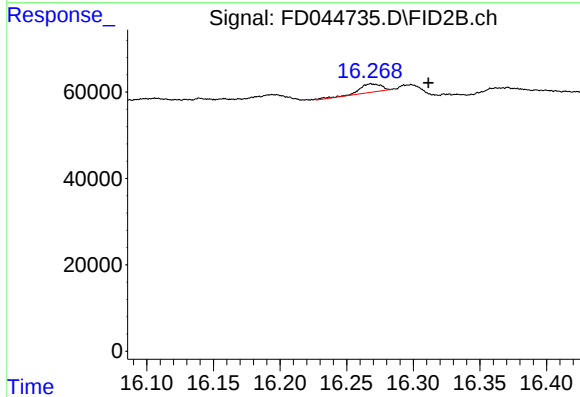
R.T.: 12.578 min
Delta R.T.: -0.005 min
Response: 66841
Conc: 0.43 ug/ml



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

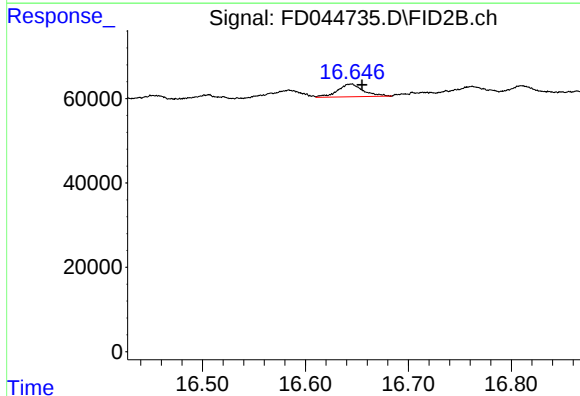
R.T.: 16.269 min
Delta R.T.: -0.010 min
Response: 22089
Conc: 0.15 ug/ml

Instrument :
FID_D
ClientSampleId :



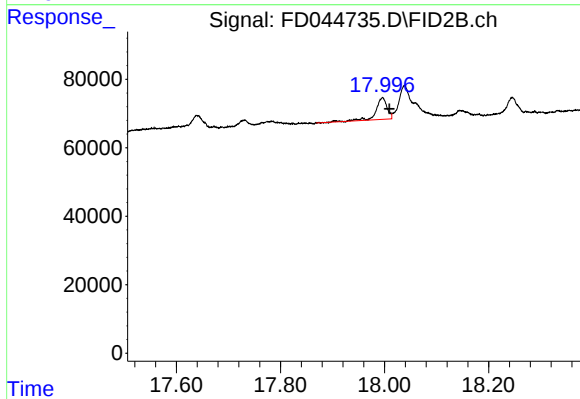
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.269 min
Delta R.T.: -0.042 min
Response: 22089
Conc: 0.15 ug/ml



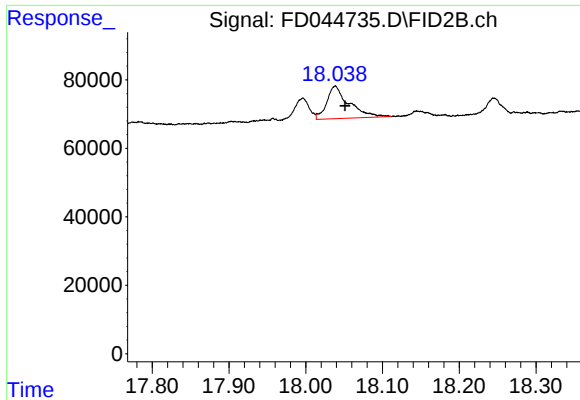
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.644 min
Delta R.T.: -0.011 min
Response: 52343
Conc: 0.36 ug/ml



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

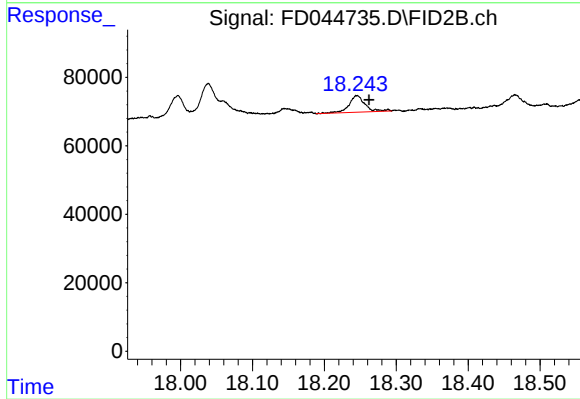
R.T.: 17.996 min
Delta R.T.: -0.014 min
Response: 93212
Conc: 0.66 ug/ml



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

R.T.: 18.038 min
Delta R.T.: -0.013 min
Response: 191064
Conc: 1.30 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.245 min
Delta R.T.: -0.017 min
Response: 75303
Conc: 0.53 ug/ml