

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045876.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 07:53
 Operator : YP/AJ
 Sample : MECL2
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 19 12:38:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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			
11) S ortho-Terphenyl (SURR)	11.427	267798	1.199 ug/ml
Spiked Amount 50.000		Recovery =	2.40%
Target Compounds			
9) T Phenanthrene (C19.36)	10.709	104279	0.545 ug/ml
10) T Anthracene (C19.43)	10.709	104279	0.612 ug/ml
12) T Fluoranthene (C21.85)	12.450	108820	0.589 ug/ml
13) T Pyrene (C20.8)	12.724	125139	0.701 ug/ml
14) T Benzo[a]anthracene (C...	14.597	219753	1.404 ug/ml
15) T Chrysene (C27.41)	14.658	3413193	20.688 ug/ml
16) T benzo[b]fluoranthene ...	16.174	269817	1.783 ug/ml
17) T Bnezo[k]fluoranthene ...	16.174	269817	1.743 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	136883	0.936 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	205651	1.404 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	120331	0.802 ug/ml
21) T Benzo[g,h,i]perylene ...	18.120	75892	0.514 ug/ml

(f)=RT Delta > 1/2 Window

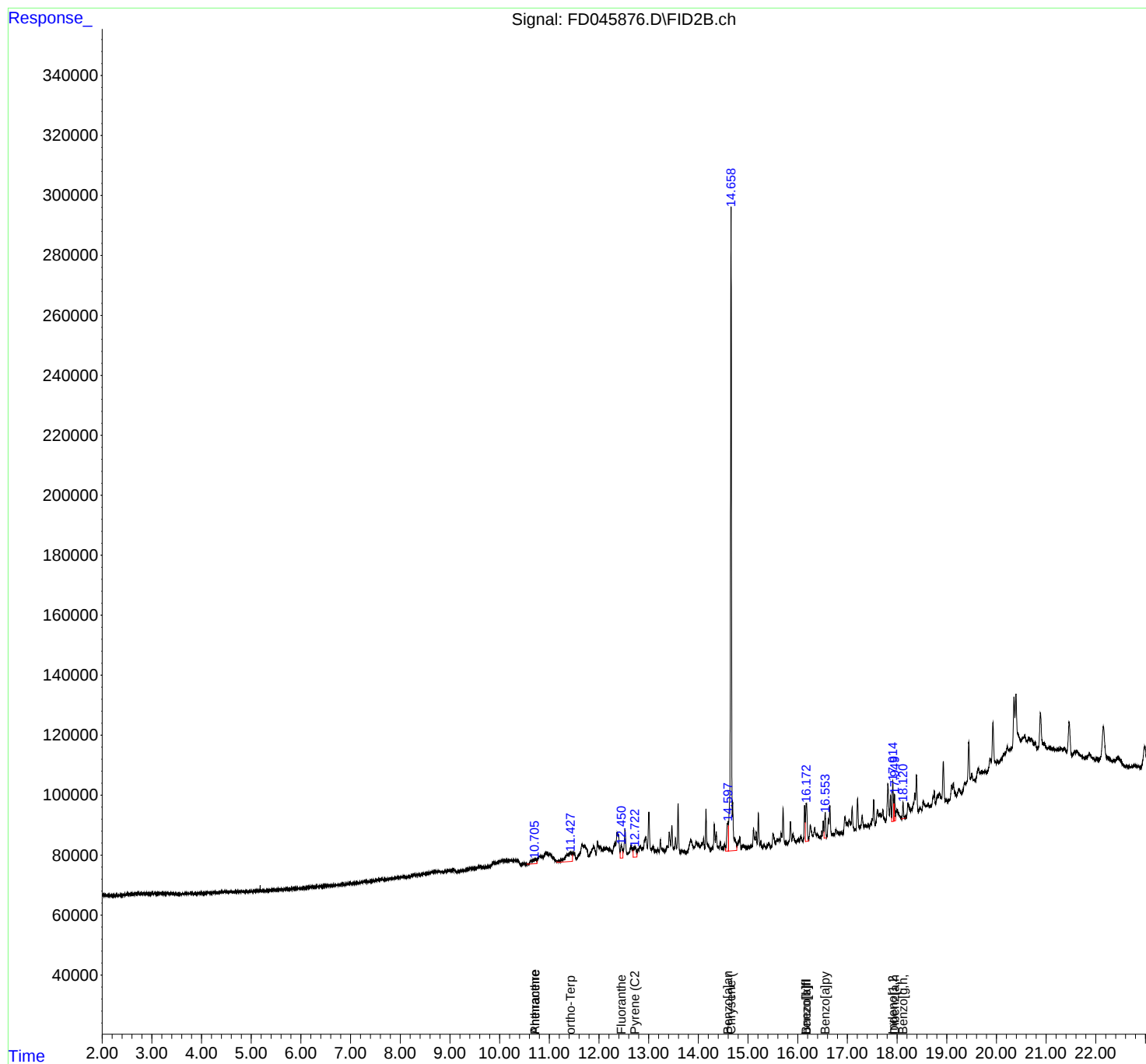
(m)=manual int.

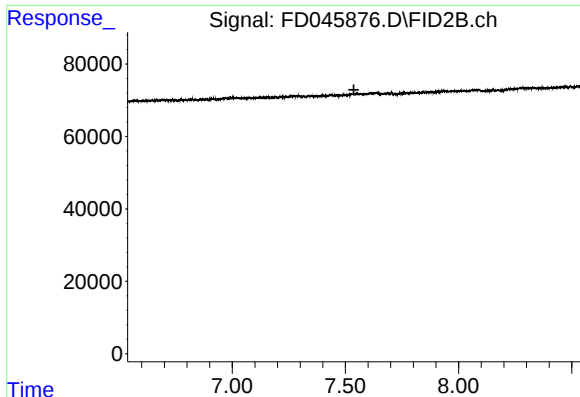
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

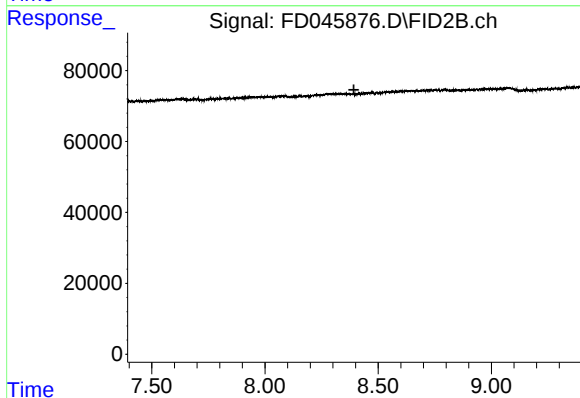




#4 2-Bromonaphthalene (SURR)

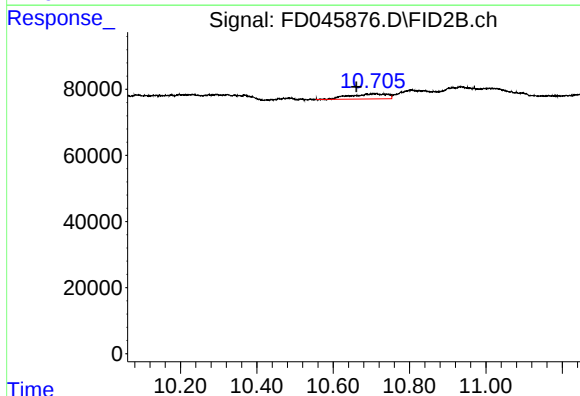
R.T.: 0.000 min
Exp R.T. : 7.537 min
Response: 0
Conc: N.D.

Instrument :
FID_D
ClientSampleId :



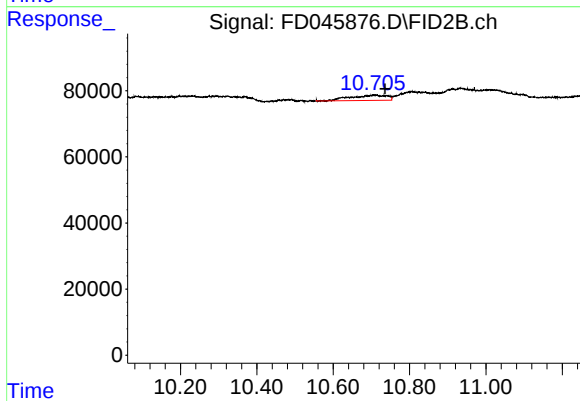
#6 2-Fluorobiphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 8.393 min
Response: 0
Conc: N.D.



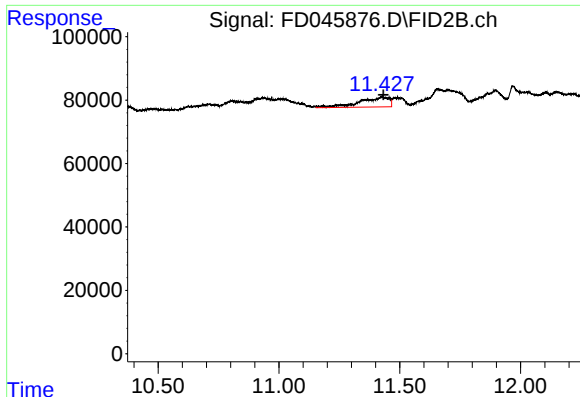
#9 Phenanthrene (C19.36)

R.T.: 10.709 min
Delta R.T.: 0.048 min
Response: 104279
Conc: 0.55 ug/ml



#10 Anthracene (C19.43)

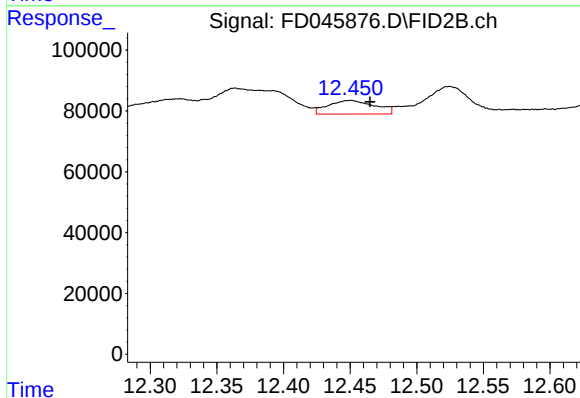
R.T.: 10.709 min
Delta R.T.: -0.026 min
Response: 104279
Conc: 0.61 ug/ml



#11 ortho-Terphenyl (SURR)

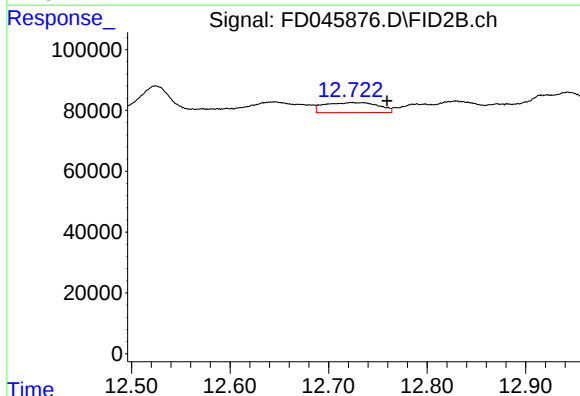
R.T.: 11.427 min
Delta R.T.: -0.006 min
Response: 267798
Conc: 1.20 ug/ml

Instrument :
FID_D
ClientSampleId :



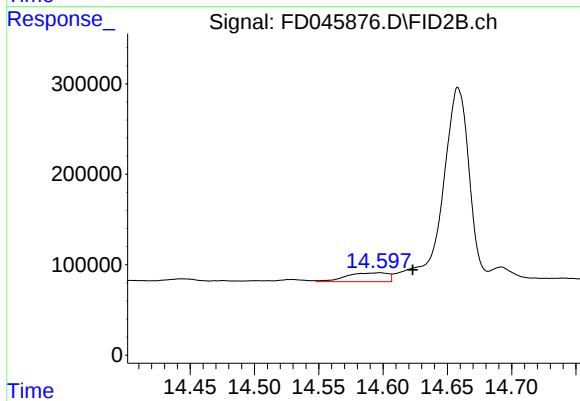
#12 Fluoranthene (C21.85)

R.T.: 12.450 min
Delta R.T.: -0.015 min
Response: 108820
Conc: 0.59 ug/ml



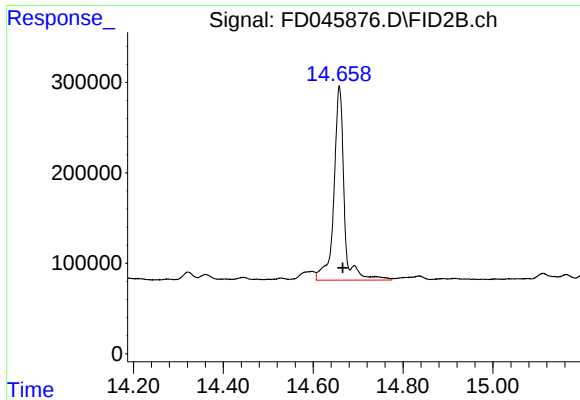
#13 Pyrene (C20.8)

R.T.: 12.724 min
Delta R.T.: -0.036 min
Response: 125139
Conc: 0.70 ug/ml



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

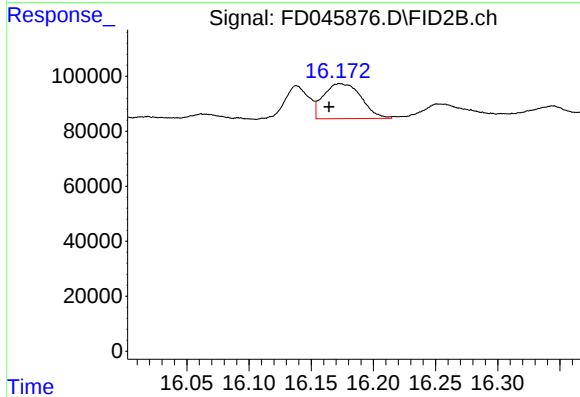
R.T.: 14.597 min
Delta R.T.: -0.026 min
Response: 219753
Conc: 1.40 ug/ml



#15 Chrysene (C27.41)

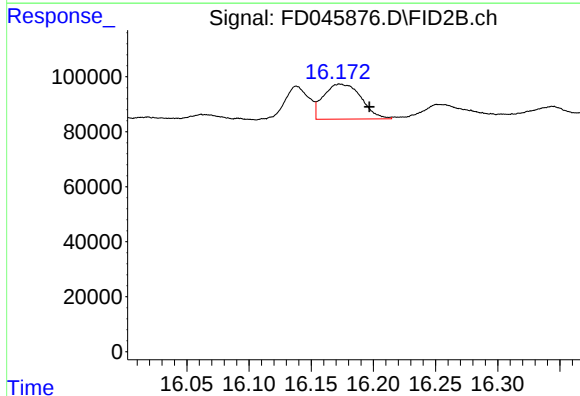
R.T.: 14.658 min
Delta R.T.: -0.007 min
Response: 3413193
Conc: 20.69 ug/ml

Instrument :
FID_D
ClientSampleId :



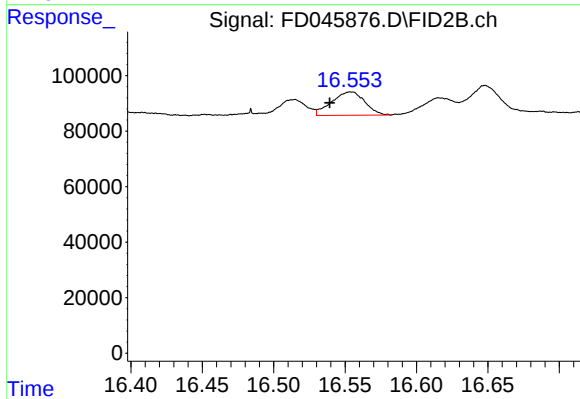
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.174 min
Delta R.T.: 0.009 min
Response: 269817
Conc: 1.78 ug/ml



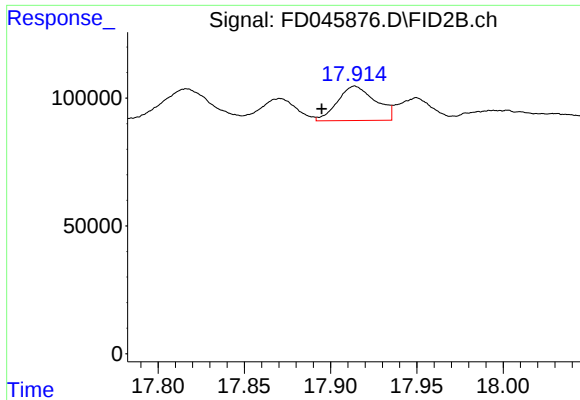
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.174 min
Delta R.T.: -0.023 min
Response: 269817
Conc: 1.74 ug/ml



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

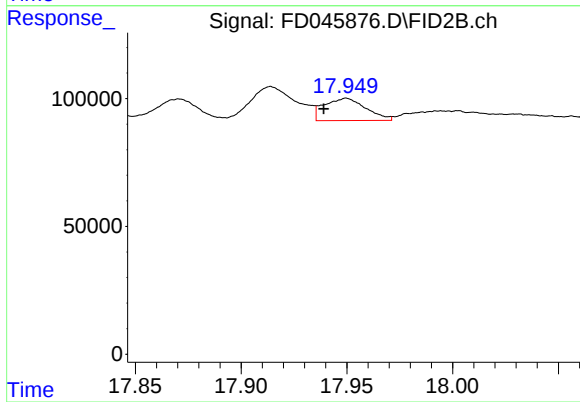
R.T.: 16.554 min
Delta R.T.: 0.014 min
Response: 136883
Conc: 0.94 ug/ml



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

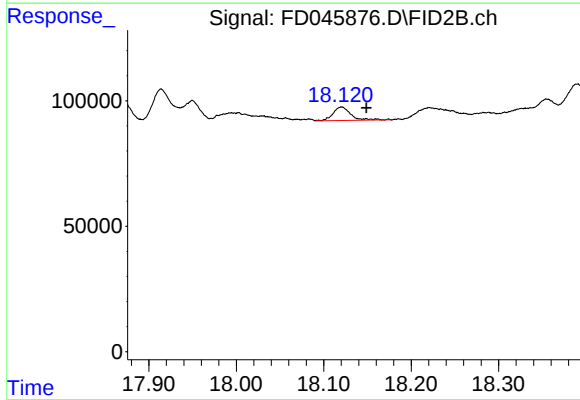
R.T.: 17.914 min
Delta R.T.: 0.019 min
Response: 205651
Conc: 1.40 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.949 min
Delta R.T.: 0.010 min
Response: 120331
Conc: 0.80 ug/ml



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

R.T.: 18.120 min
Delta R.T.: -0.029 min
Response: 75892
Conc: 0.51 ug/ml