

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092324AR\
 Data File : FD048371.D
 Signal(s) : FID2B.ch
 Acq On : 23 Sep 2024 08:21
 Operator : YP/AJ
 Sample : MECL2
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 24 01:28:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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			
11) S ortho-Terphenyl (SURR)	11.269	349112	2.035 ug/ml
Spiked Amount 50.000		Recovery =	4.07%
Target Compounds			
9) T Phenanthrene (C19.36)	10.518	123198	0.763 ug/ml
10) T Anthracene (C19.43)	10.518	123198	0.774 ug/ml
12) T Fluoranthene (C21.85)	12.319	114773	0.708 ug/ml
14) T Benzo[a]anthracene (C...	14.468	82129	0.586 ug/ml
15) T Chrysene (C27.41)	14.510	476669	2.894 ug/ml
16) T benzo[b]fluoranthene ...	16.018	123506	0.831 ug/ml
17) T Bnezo[k]fluoranthene ...	16.052	133629	0.868 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.427	273685	1.850 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.765	56616	0.501 ug/ml
20) T Dibenz[a,h]anthracene...	17.813	235311	1.542 ug/ml
21) T Benzo[g,h,i]perylene ...	18.014	54778	0.372 ug/ml

(f)=RT Delta > 1/2 Window

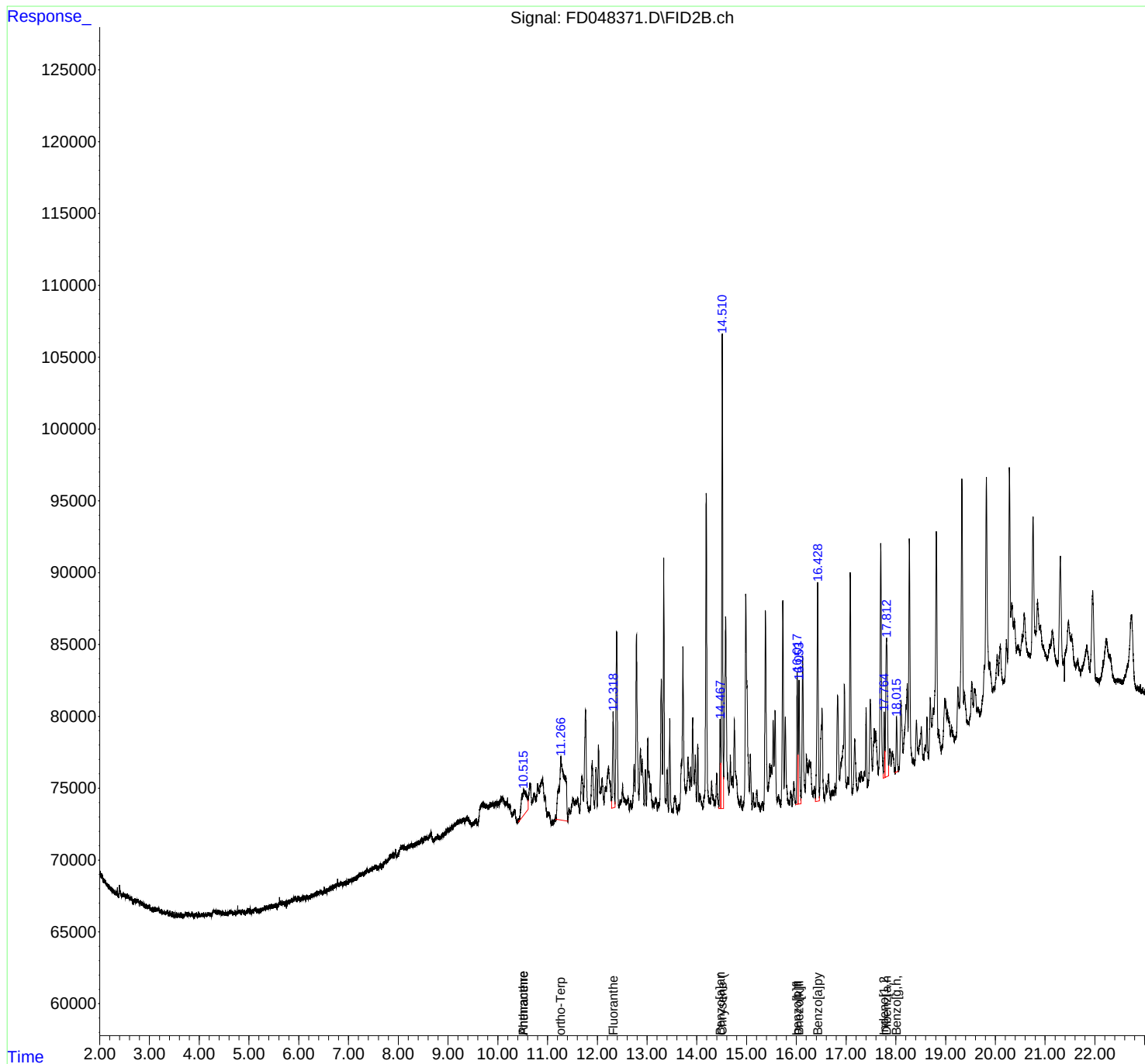
(m)=manual int.

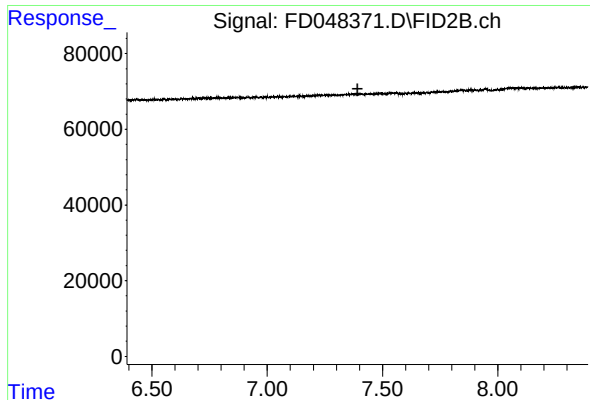
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

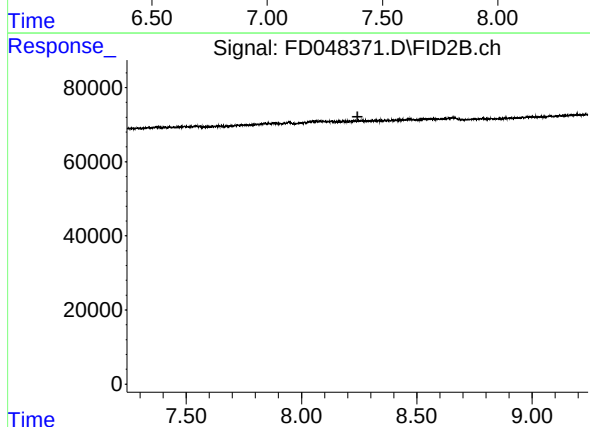




#4 2-Bromonaphthalene (SURR)

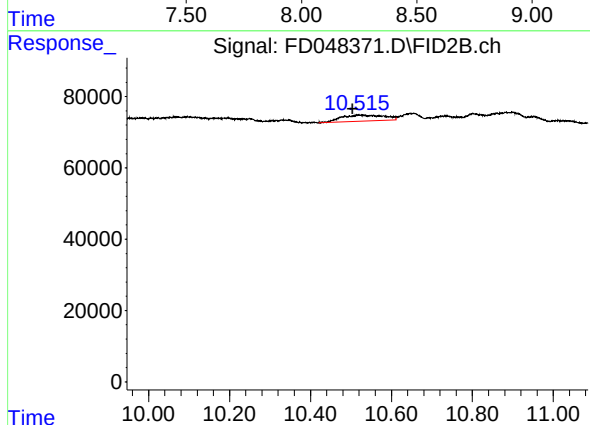
R.T.: 0.000 min
Exp R.T.: 7.392 min
Response: 0
Conc: N.D.

Instrument :
FID_D
ClientSampleId :



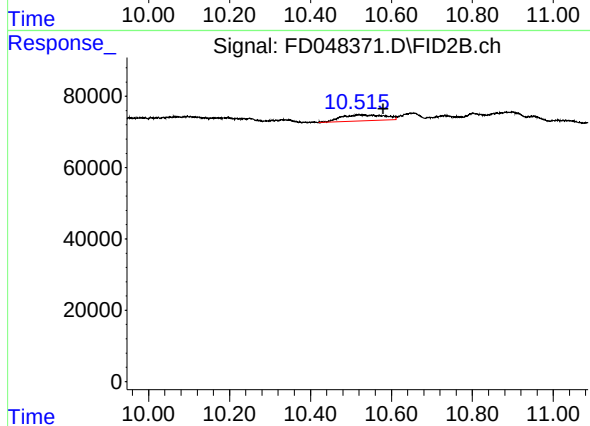
#6 2-Fluorobiphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 8.243 min
Response: 0
Conc: N.D.



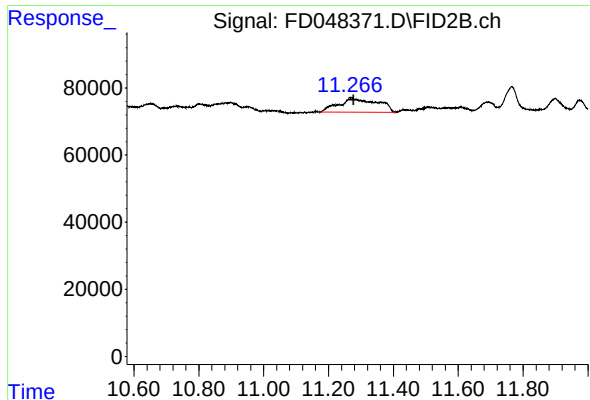
#9 Phenanthrene (C19.36)

R.T.: 10.518 min
Delta R.T.: 0.014 min
Response: 123198
Conc: 0.76 ug/ml



#10 Anthracene (C19.43)

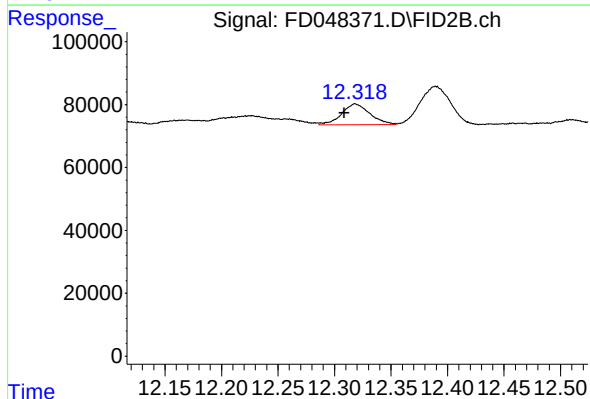
R.T.: 10.518 min
Delta R.T.: -0.062 min
Response: 123198
Conc: 0.77 ug/ml



#11 ortho-Terphenyl (SURR)

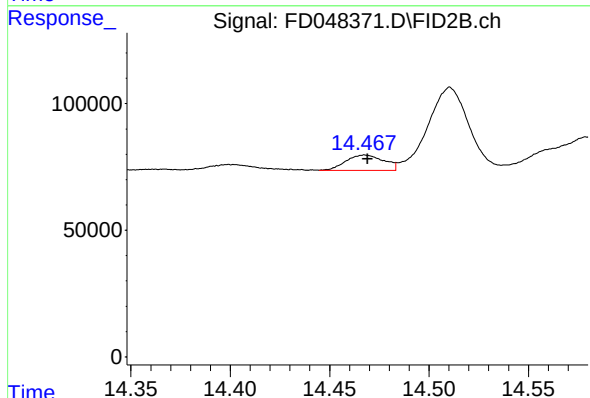
R.T.: 11.269 min
Delta R.T.: -0.008 min
Response: 349112
Conc: 2.03 ug/ml

Instrument :
FID_D
ClientSampleId :



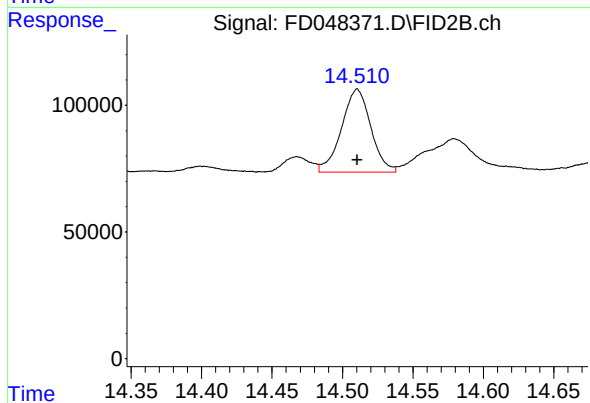
#12 Fluoranthene (C21.85)

R.T.: 12.319 min
Delta R.T.: 0.010 min
Response: 114773
Conc: 0.71 ug/ml



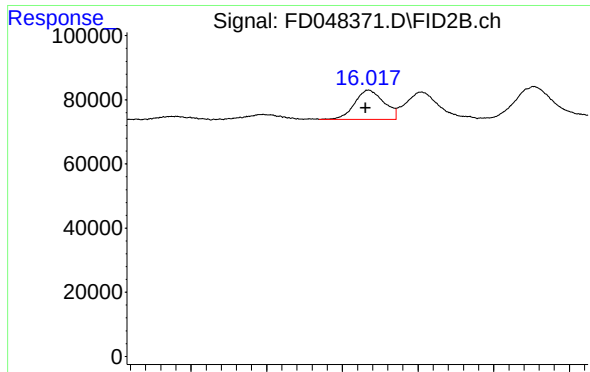
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.468 min
Delta R.T.: -0.002 min
Response: 82129
Conc: 0.59 ug/ml



#15 Chrysene (C27.41)

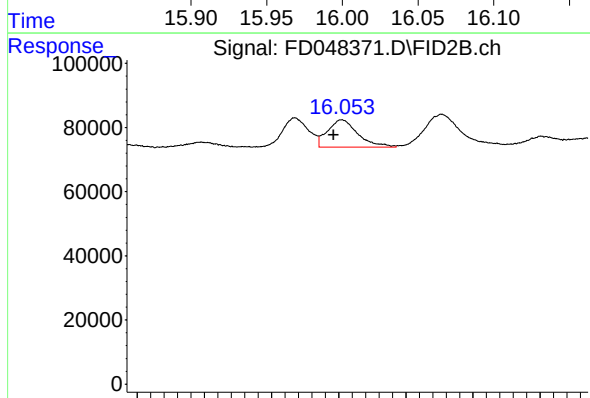
R.T.: 14.510 min
Delta R.T.: 0.000 min
Response: 476669
Conc: 2.89 ug/ml



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

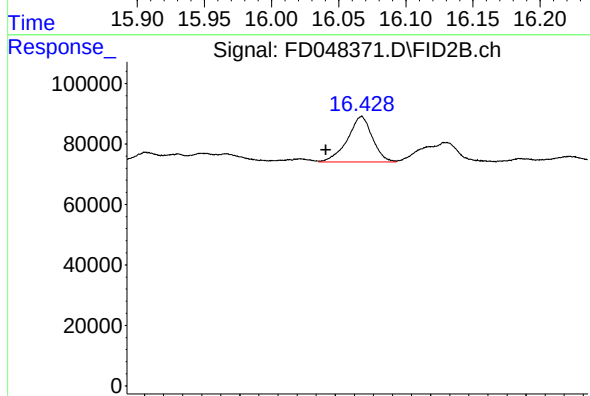
R.T.: 16.018 min
Delta R.T.: 0.002 min
Response: 123506
Conc: 0.83 ug/ml

Instrument :
FID_D
ClientSampleId :



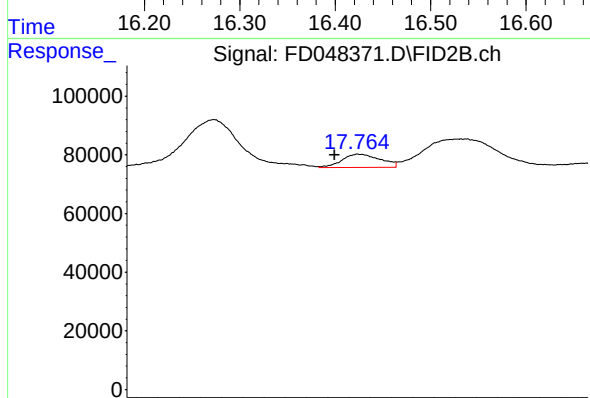
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.052 min
Delta R.T.: 0.006 min
Response: 133629
Conc: 0.87 ug/ml



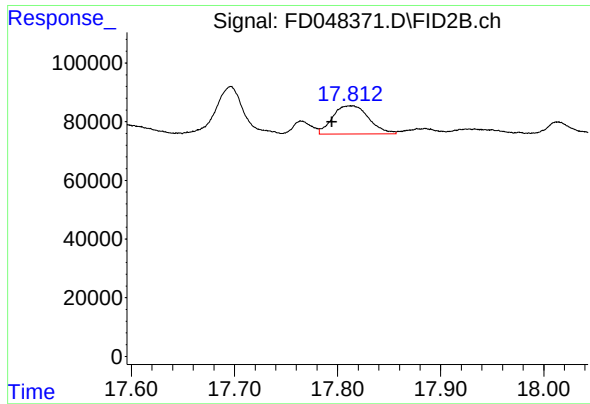
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.427 min
Delta R.T.: 0.037 min
Response: 273685
Conc: 1.85 ug/ml



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

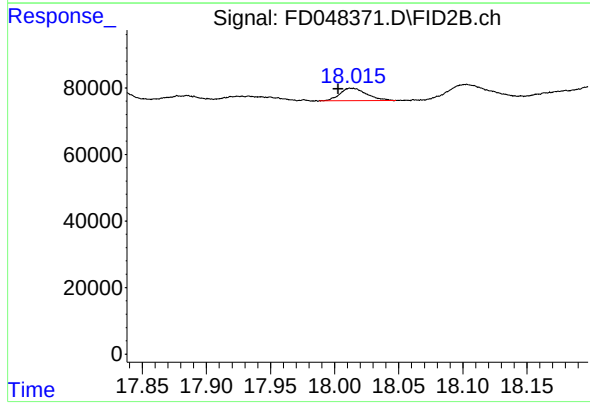
R.T.: 17.765 min
Delta R.T.: 0.012 min
Response: 56616
Conc: 0.50 ug/ml



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

R.T.: 17.813 min
Delta R.T.: 0.018 min
Response: 235311
Conc: 1.54 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.014 min
Delta R.T.: 0.011 min
Response: 54778
Conc: 0.37 ug/ml