

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060523AR\
 Data File : FD045781.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jun 2023 16:19
 Operator : YP/AJ
 Sample : PB153208BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 06 02:07:06 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			
4) S 2-Bromonaphthalene (S...	7.533	7743463	42.951 ug/ml
Spiked Amount 50.000		Recovery =	85.90%
6) S 2-Fluorobiphenyl (SURR)	8.386	3477291	28.923 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.85%
11) S ortho-Terphenyl (SURR)	11.431	12130204	54.306 ug/ml
Spiked Amount 50.000		Recovery =	108.61%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.926	32653	0.155 ug/ml
7) T Acenaphthene (C15.5)	8.442	27966	0.138 ug/ml
8) T Flouorene (C16.55)	9.266	47916	0.242 ug/ml
9) T Phenanthrene (C19.36)	10.651	171193	0.895 ug/ml
10) T Anthracene (C19.43)	10.725	106313	0.624 ug/ml
12) T Fluoranthene (C21.85)	12.453	296856	1.607 ug/ml
13) T Pyrene (C20.8)	12.748	293309	1.642 ug/ml
14) T Benzo[a]anthracene (C...	14.610	240979	1.539 ug/ml
15) T Chrysene (C27.41)	14.652	305210	1.850 ug/ml
16) T benzo[b]fluoranthene ...	16.150	280316	1.852 ug/ml
17) T Bnezo[k]fluoranthene ...	16.181	285385	1.843 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.527	241441	1.651 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	237763	1.623 ug/ml
20) T Dibenz[a,h]anthracene...	17.927	251747	1.678 ug/ml
21) T Benzo[g,h,i]perylene ...	18.131	280141	1.899 ug/ml

(f)=RT Delta > 1/2 Window

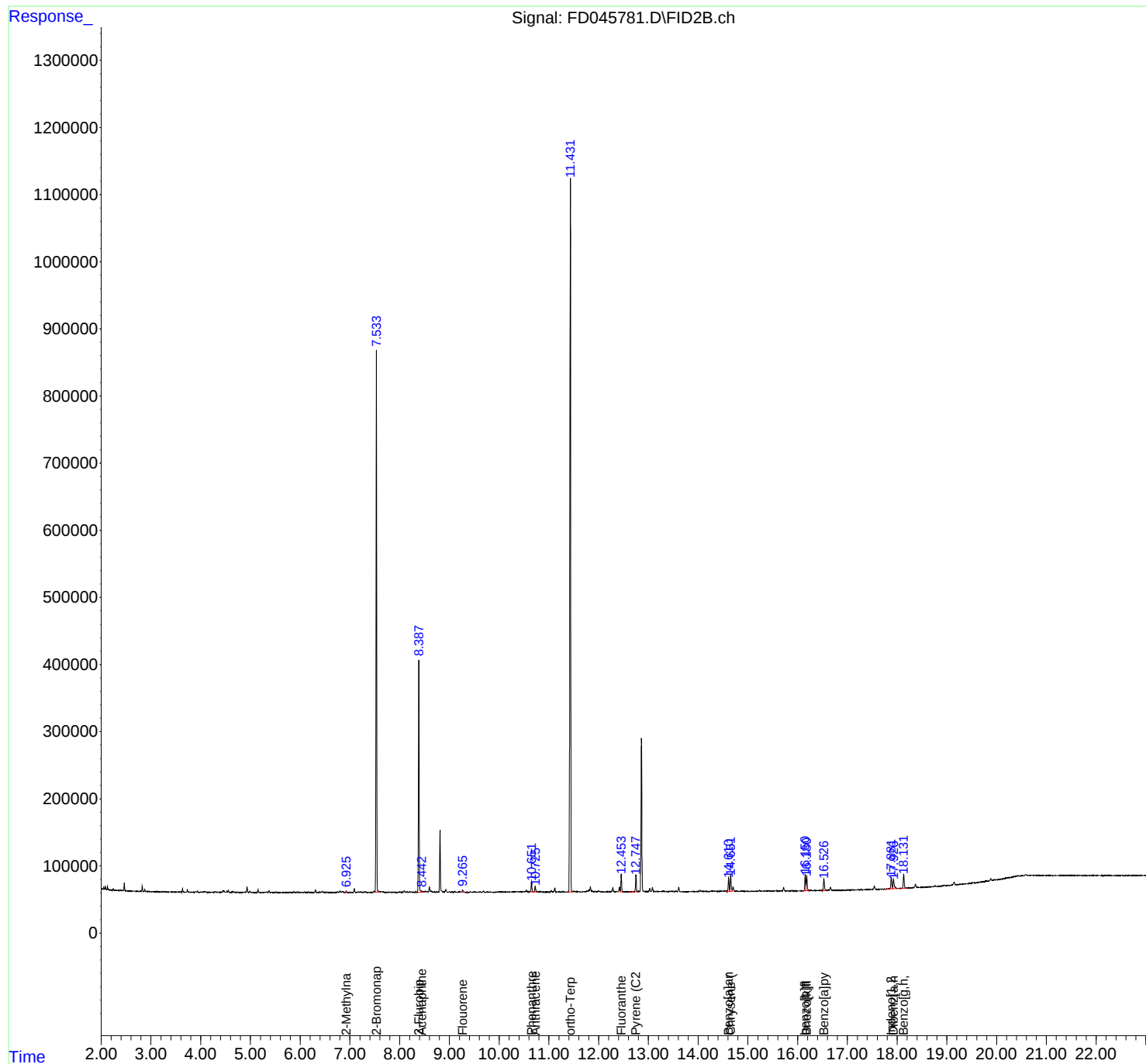
(m)=manual int.

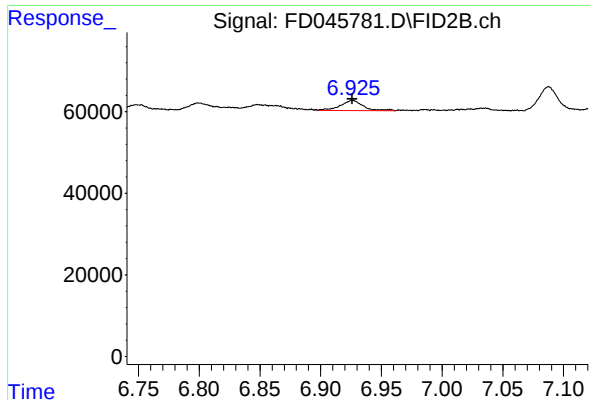
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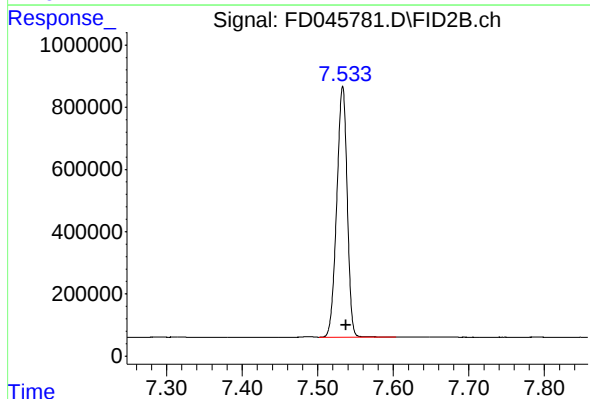




#3 2-Methylnaphthalene (C12.89)

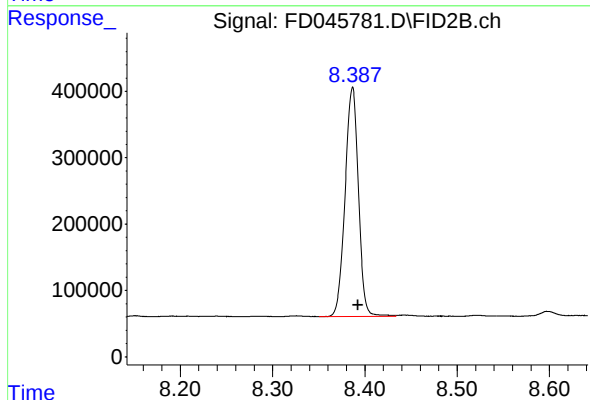
R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 32653
Conc: 0.15 ug/ml

Instrument :
FID_D
ClientSampleId :



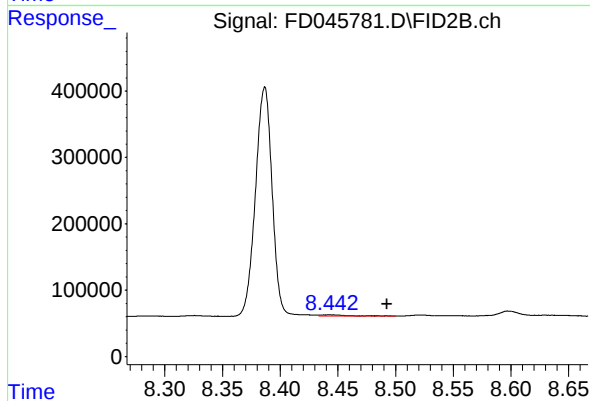
#4 2-Bromonaphthalene (SURR)

R.T.: 7.533 min
Delta R.T.: -0.004 min
Response: 7743463
Conc: 42.95 ug/ml



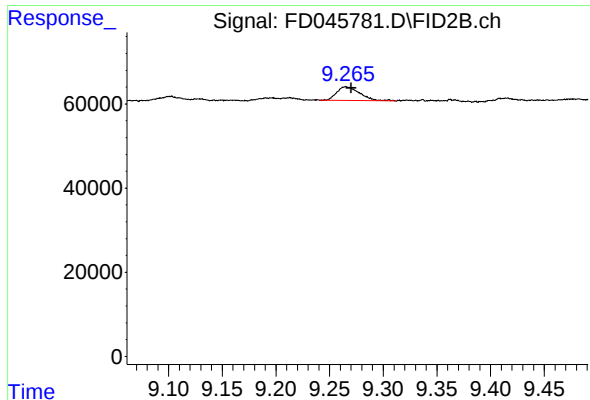
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.386 min
Delta R.T.: -0.006 min
Response: 3477291
Conc: 28.92 ug/ml



#7 Acenaphthene (C15.5)

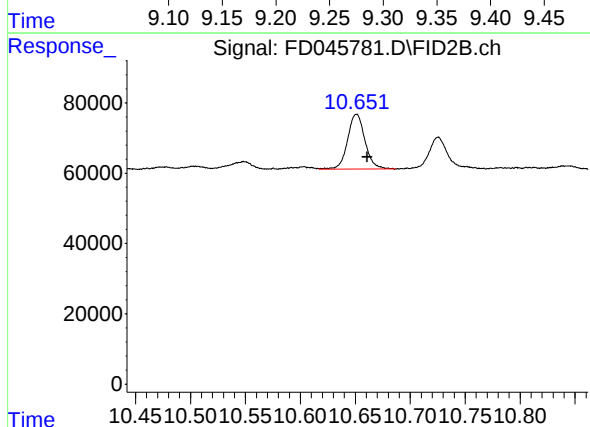
R.T.: 8.442 min
Delta R.T.: -0.050 min
Response: 27966
Conc: 0.14 ug/ml



#8 Flouorene (C16.55)

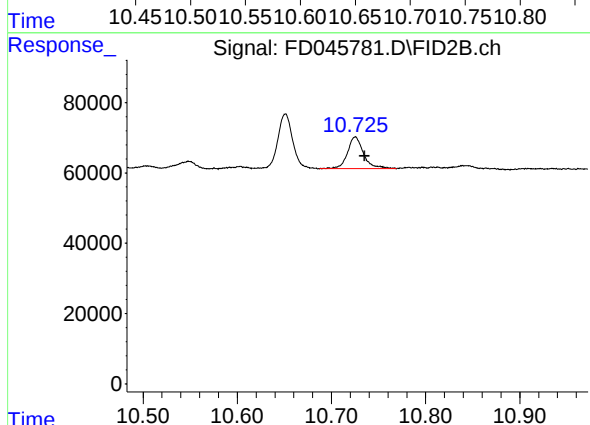
R.T.: 9.266 min
Delta R.T.: -0.005 min
Response: 47916
Conc: 0.24 ug/ml

Instrument :
FID_D
ClientSampleId :



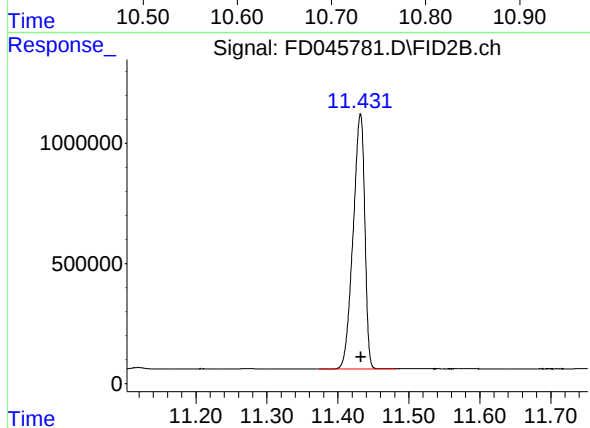
#9 Phenanthrene (C19.36)

R.T.: 10.651 min
Delta R.T.: -0.010 min
Response: 171193
Conc: 0.89 ug/ml



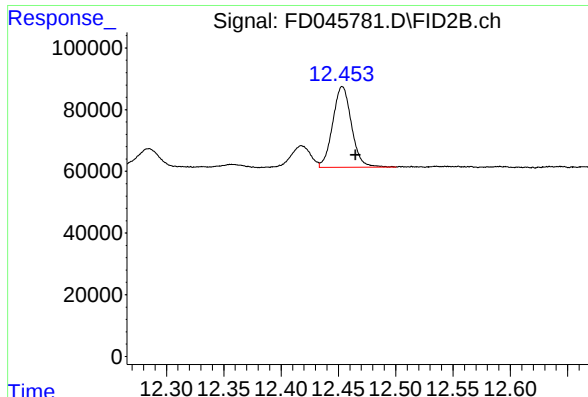
#10 Anthracene (C19.43)

R.T.: 10.725 min
Delta R.T.: -0.010 min
Response: 106313
Conc: 0.62 ug/ml



#11 ortho-Terphenyl (SURR)

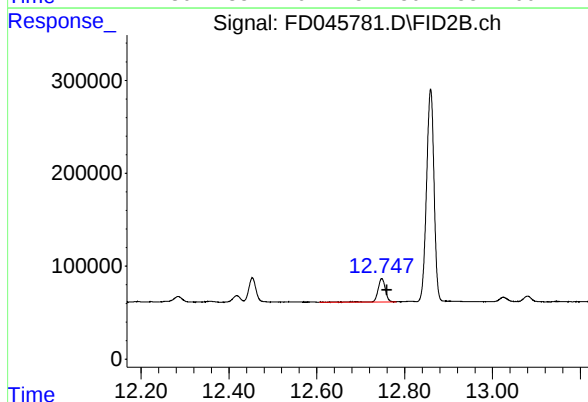
R.T.: 11.431 min
Delta R.T.: -0.001 min
Response: 12130204
Conc: 54.31 ug/ml



#12 Fluoranthene (C21.85)

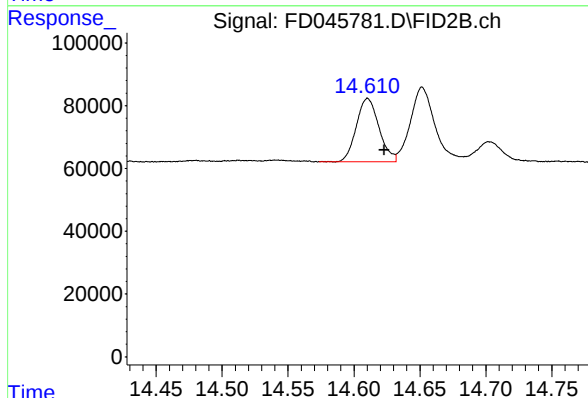
R.T.: 12.453 min
Delta R.T.: -0.012 min
Response: 296856
Conc: 1.61 ug/ml

Instrument :
FID_D
ClientSampleId :



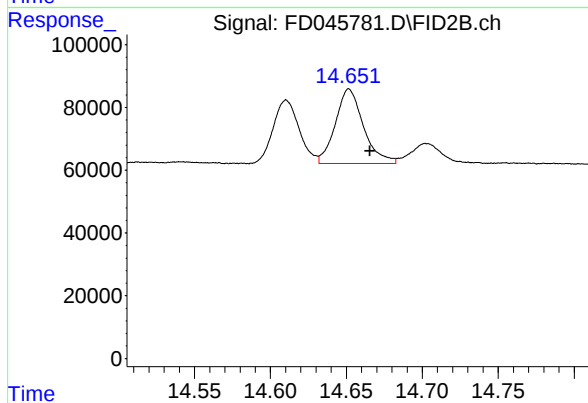
#13 Pyrene (C20.8)

R.T.: 12.748 min
Delta R.T.: -0.011 min
Response: 293309
Conc: 1.64 ug/ml



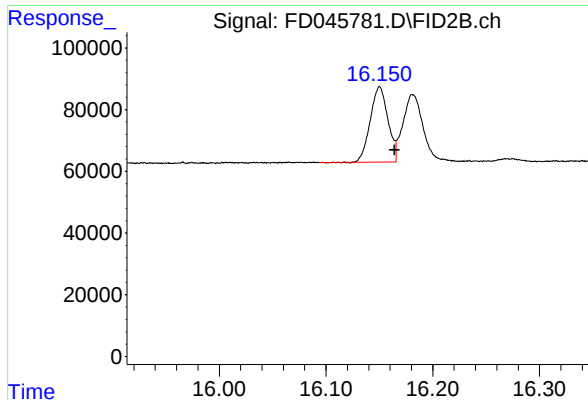
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.610 min
Delta R.T.: -0.013 min
Response: 240979
Conc: 1.54 ug/ml



#15 Chrysene (C27.41)

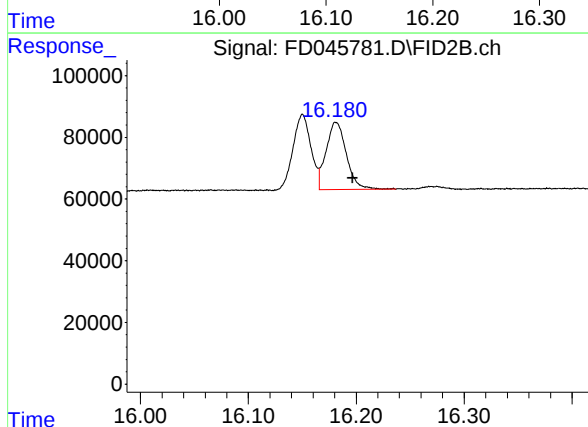
R.T.: 14.652 min
Delta R.T.: -0.014 min
Response: 305210
Conc: 1.85 ug/ml



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

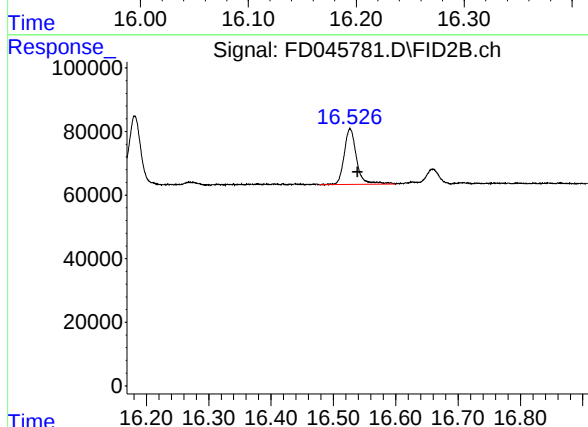
R.T.: 16.150 min
Delta R.T.: -0.014 min
Response: 280316
Conc: 1.85 ug/ml

Instrument :
FID_D
ClientSampleId :



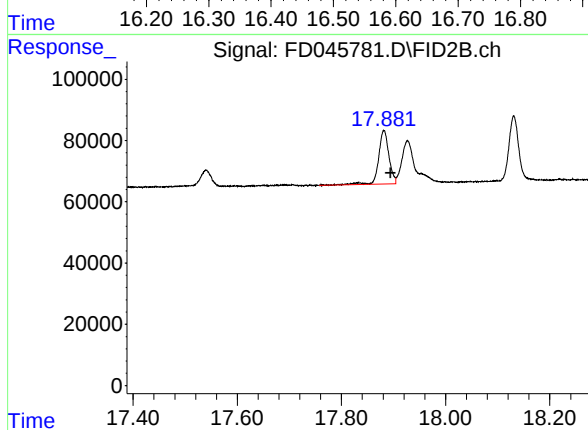
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.181 min
Delta R.T.: -0.015 min
Response: 285385
Conc: 1.84 ug/ml



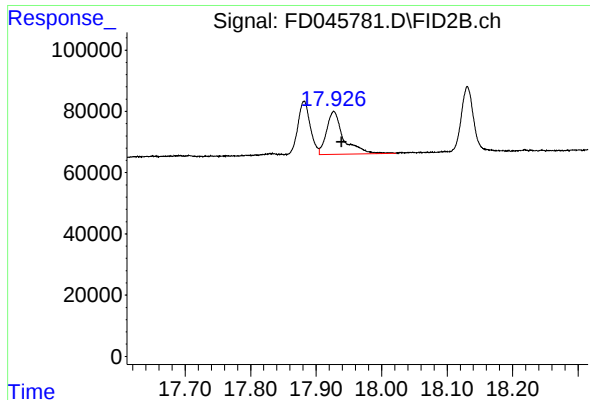
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.527 min
Delta R.T.: -0.012 min
Response: 241441
Conc: 1.65 ug/ml



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

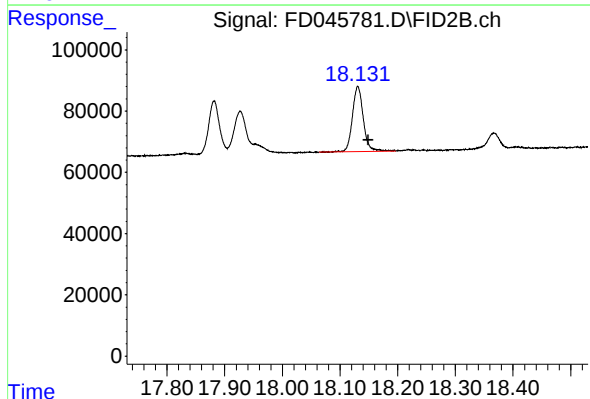
R.T.: 17.882 min
Delta R.T.: -0.013 min
Response: 237763
Conc: 1.62 ug/ml



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

R.T.: 17.927 min
Delta R.T.: -0.012 min
Response: 251747
Conc: 1.68 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.131 min
Delta R.T.: -0.018 min
Response: 280141
Conc: 1.90 ug/ml