

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060623AR\
 Data File : FD045798.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jun 2023 17:00
 Operator : YP/AJ
 Sample : PB153237BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 04:40:58 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

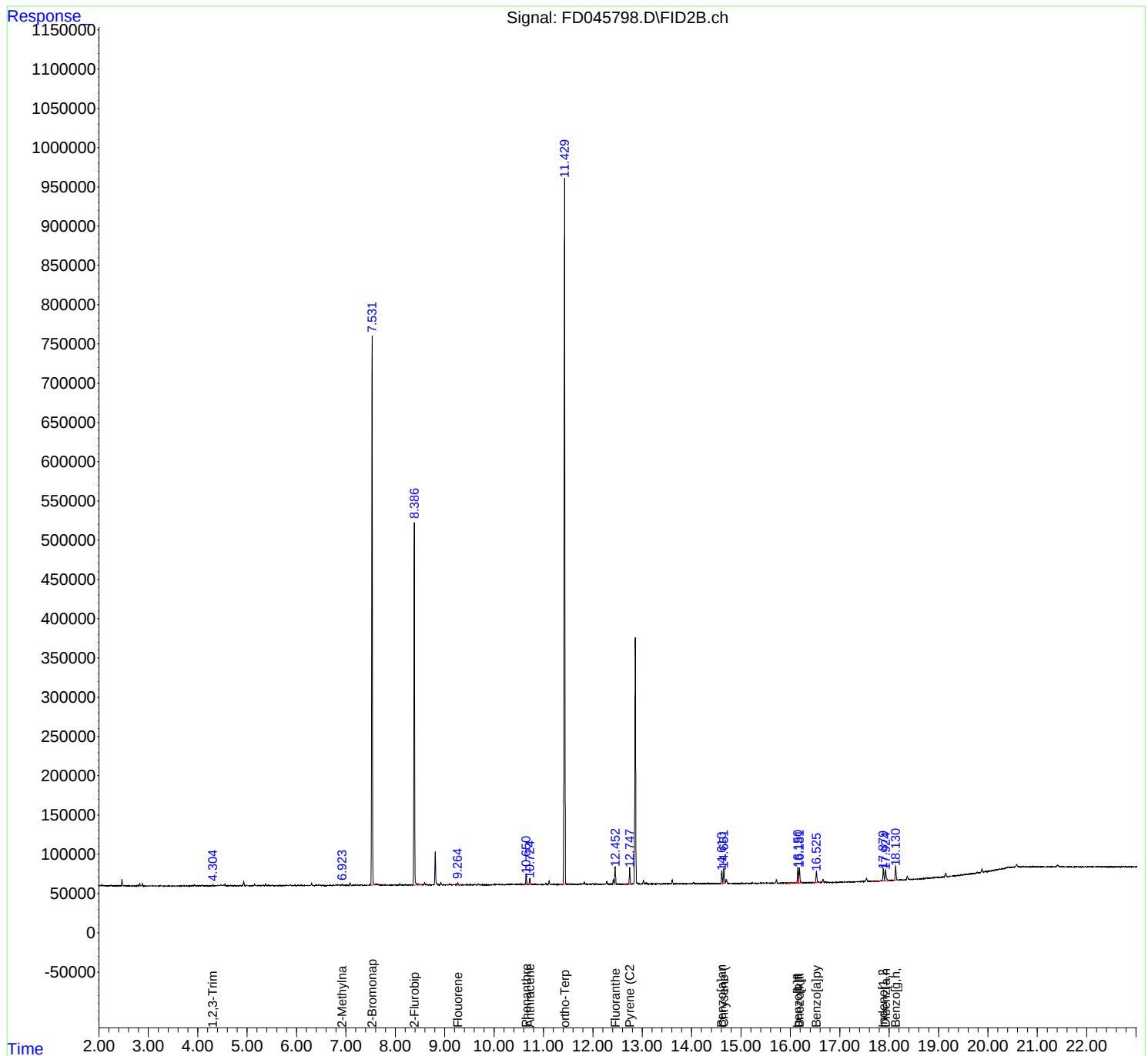
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.531	6857401	38.036 ug/ml
Spiked Amount 50.000		Recovery =	76.07%
6) S 2-Fluorobiphenyl (SURR)	8.386	4626320	38.480 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.96%
11) S ortho-Terphenyl (SURR)	11.429	9916137	44.394 ug/ml
Spiked Amount 50.000		Recovery =	88.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	18391	0.091 ug/ml
3) T 2-Methylnaphthalene (...)	6.924	22842	0.108 ug/ml
8) T Flouorene (C16.55)	9.264	37683	0.190 ug/ml
9) T Phenanthrene (C19.36)	10.650	151493	0.792 ug/ml
10) T Anthracene (C19.43)	10.725	90581	0.532 ug/ml
12) T Fluoranthene (C21.85)	12.453	254883	1.380 ug/ml
13) T Pyrene (C20.8)	12.748	250157	1.401 ug/ml
14) T Benzo[a]anthracene (C...	14.610	200020	1.278 ug/ml
15) T Chrysene (C27.41)	14.651	256331	1.554 ug/ml
16) T benzo[b]fluoranthene ...	16.150	240847	1.591 ug/ml
17) T Bnezo[k]fluoranthene ...	16.182	247498	1.599 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.526	198375	1.357 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.881	226660	1.548 ug/ml
20) T Dibenz[a,h]anthracene...	17.926	236614	1.577 ug/ml
21) T Benzo[g,h,i]perylene ...	18.130	230012	1.559 ug/ml

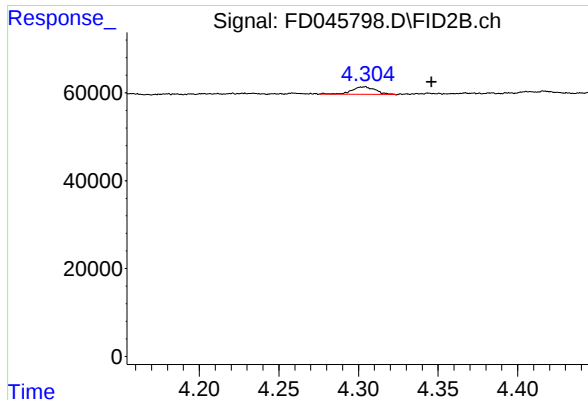
(f)=RT Delta > 1/2 Window

(m)=manual int.

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





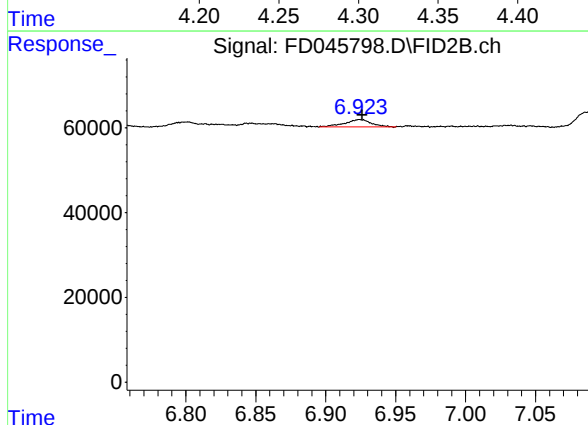
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.303 min
Delta R.T.: -0.043 min
Response: 18391
Conc: 0.09 ug/ml

Instrument :

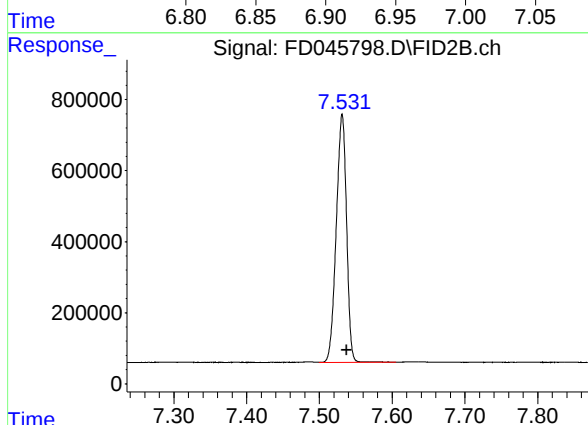
FID_D

ClientSampleId :



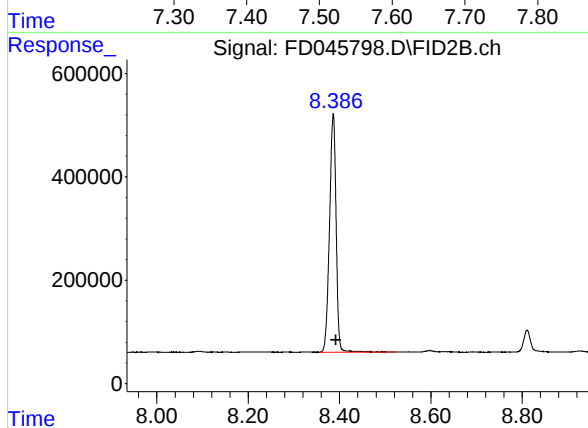
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 22842
Conc: 0.11 ug/ml



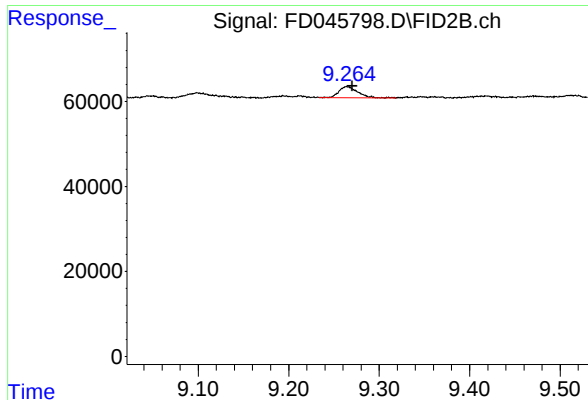
#4 2-Bromonaphthalene (SURR)

R.T.: 7.531 min
Delta R.T.: -0.006 min
Response: 6857401
Conc: 38.04 ug/ml



#6 2-Fluorobiphenyl (SURR)

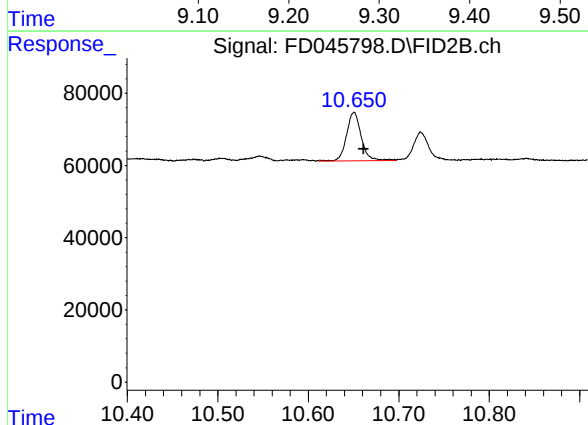
R.T.: 8.386 min
Delta R.T.: -0.007 min
Response: 4626320
Conc: 38.48 ug/ml



#8 Flouorene (C16.55)

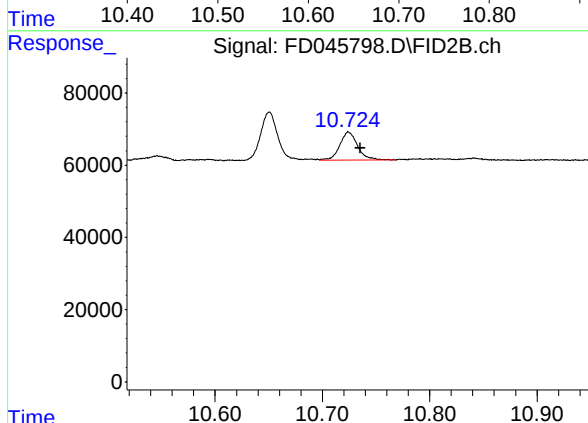
R.T.: 9.264 min
Delta R.T.: -0.006 min
Response: 37683
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



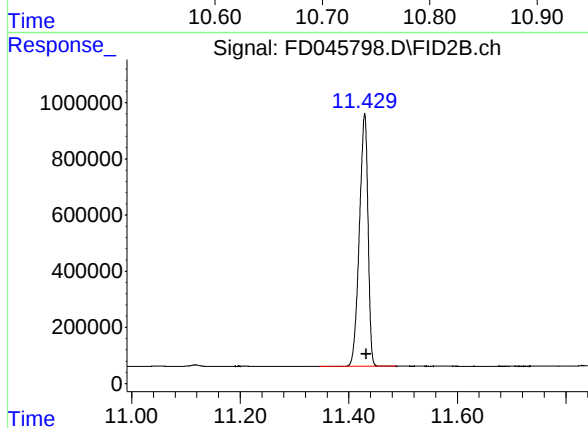
#9 Phenanthrene (C19.36)

R.T.: 10.650 min
Delta R.T.: -0.011 min
Response: 151493
Conc: 0.79 ug/ml



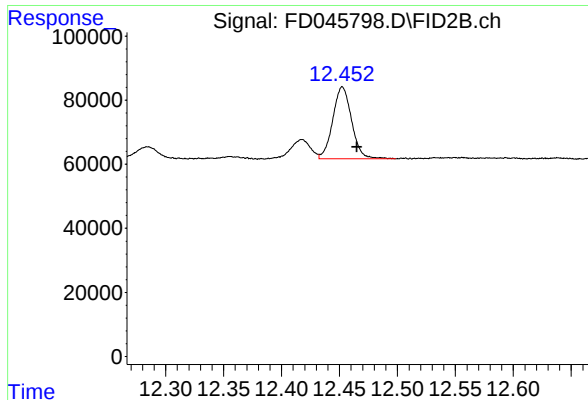
#10 Anthracene (C19.43)

R.T.: 10.725 min
Delta R.T.: -0.011 min
Response: 90581
Conc: 0.53 ug/ml



#11 ortho-Terphenyl (SURR)

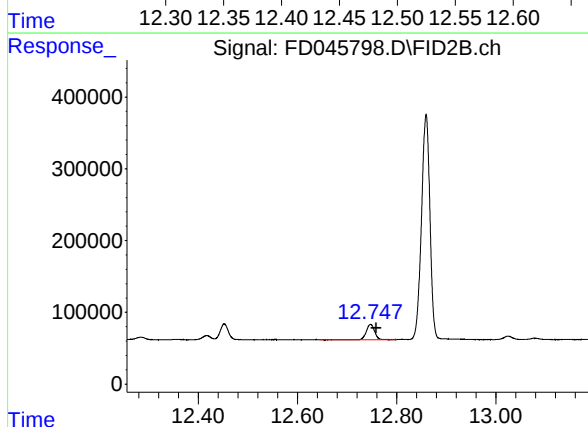
R.T.: 11.429 min
Delta R.T.: -0.004 min
Response: 9916137
Conc: 44.39 ug/ml



#12 Fluoranthene (C21.85)

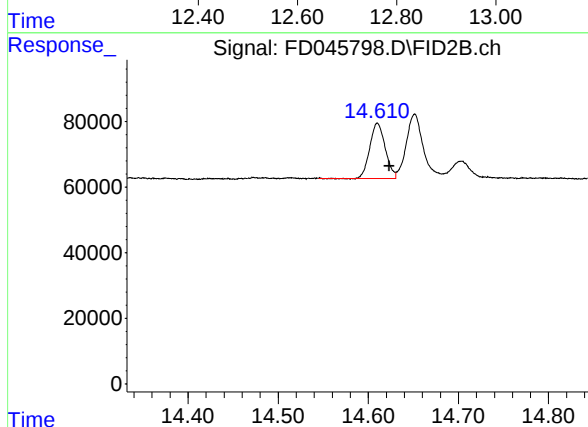
R.T.: 12.453 min
Delta R.T.: -0.012 min
Response: 254883
Conc: 1.38 ug/ml

Instrument :
FID_D
ClientSampleId :



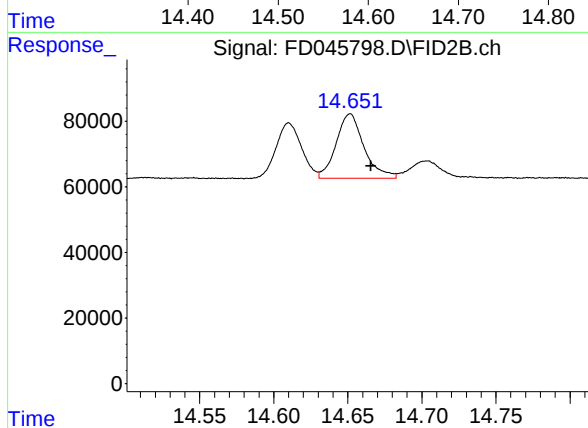
#13 Pyrene (C20.8)

R.T.: 12.748 min
Delta R.T.: -0.012 min
Response: 250157
Conc: 1.40 ug/ml



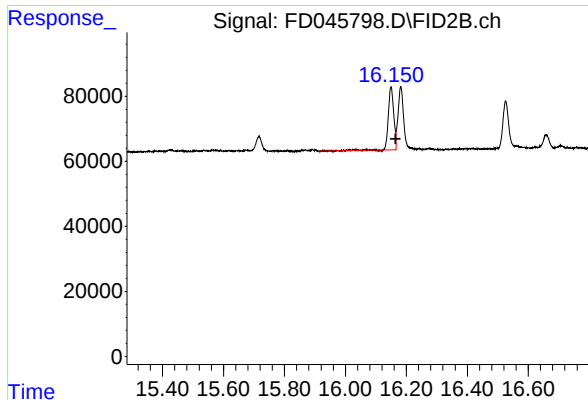
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.610 min
Delta R.T.: -0.013 min
Response: 200020
Conc: 1.28 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.651 min
Delta R.T.: -0.014 min
Response: 256331
Conc: 1.55 ug/ml



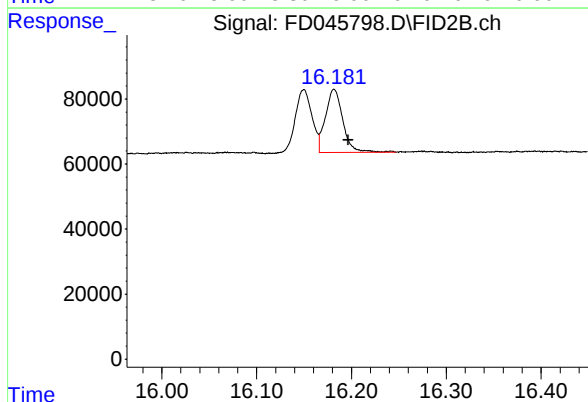
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.150 min
Delta R.T.: -0.015 min
Response: 240847
Conc: 1.59 ug/ml

Instrument :

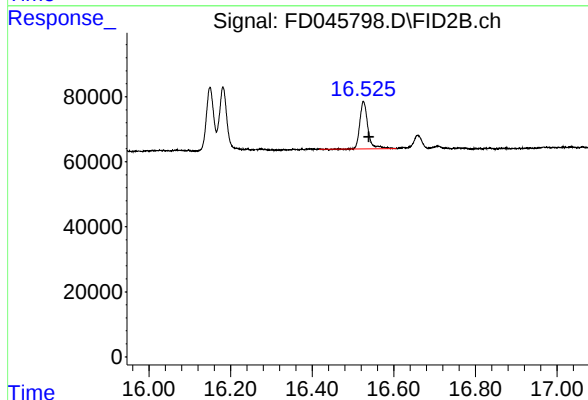
FID_D

ClientSampleId :



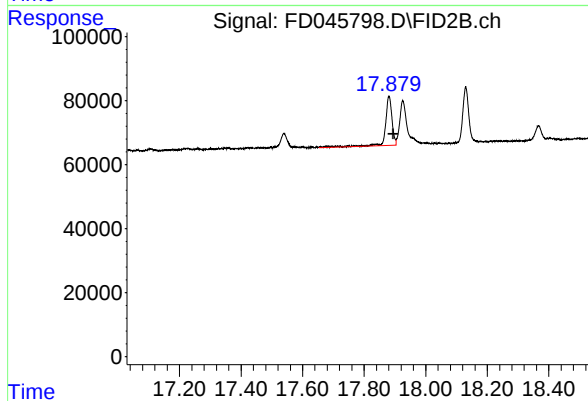
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.182 min
Delta R.T.: -0.015 min
Response: 247498
Conc: 1.60 ug/ml



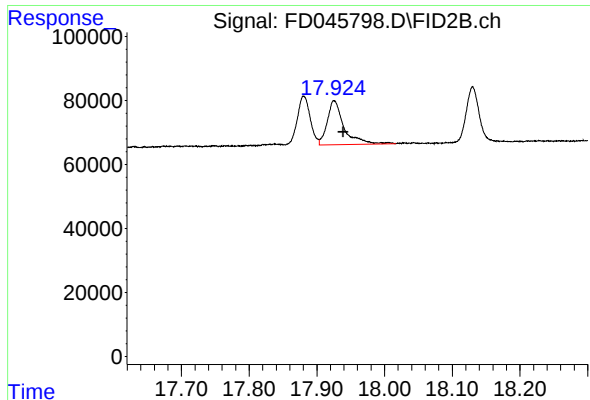
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.526 min
Delta R.T.: -0.013 min
Response: 198375
Conc: 1.36 ug/ml



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

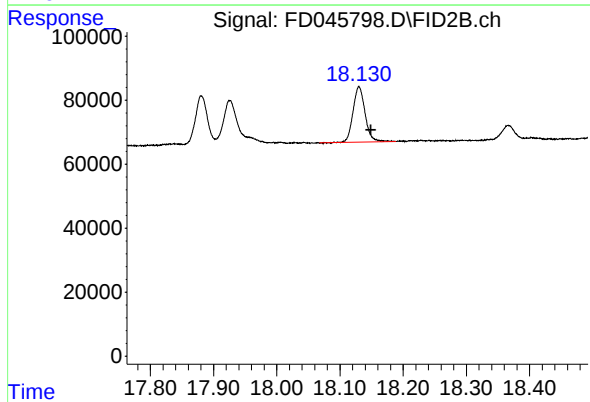
R.T.: 17.881 min
Delta R.T.: -0.014 min
Response: 226660
Conc: 1.55 ug/ml



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

R.T.: 17.926 min
Delta R.T.: -0.013 min
Response: 236614
Conc: 1.58 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.130 min
Delta R.T.: -0.019 min
Response: 230012
Conc: 1.56 ug/ml