

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045869.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 09:57
 Operator : YP/AJ
 Sample : 03282-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 19 01:16:23 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...	7.529	10773977	59.760 ug/ml
Spiked Amount 50.000		Recovery =	119.52%
6) S 2-Fluorobiphenyl (SURR)	8.385	7080888	58.896 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.79%
11) S ortho-Terphenyl (SURR)	11.423	7865966	35.215 ug/ml
Spiked Amount 50.000		Recovery =	70.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.296f	17536	0.087 ug/ml
2) T Naphthalene (C11.7)	5.864	28856	0.136 ug/ml
3) T 2-Methylnaphthalene (...)	6.918	36259	0.172 ug/ml
7) T Acenaphthene (C15.5)	8.437f	33583	0.166 ug/ml
9) T Phenanthrene (C19.36)	10.645	33414	0.175 ug/ml
12) T Fluoranthene (C21.85)	12.449	73259	0.397 ug/ml
13) T Pyrene (C20.8)	12.743	45804	0.256 ug/ml
14) T Benzo[a]anthracene (C...	14.607	34297	0.219 ug/ml
15) T Chrysene (C27.41)	14.662	94861	0.575 ug/ml
16) T benzo[b]fluoranthene ...	16.149	53013	0.350 ug/ml
17) T Bnezo[k]fluoranthene ...	16.185	36621	0.237 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.522	37798	0.258 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.879	49770	0.340 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	95611	0.637 ug/ml
21) T Benzo[g,h,i]perylene ...	18.129	31288	0.212 ug/ml

(f)=RT Delta > 1/2 Window

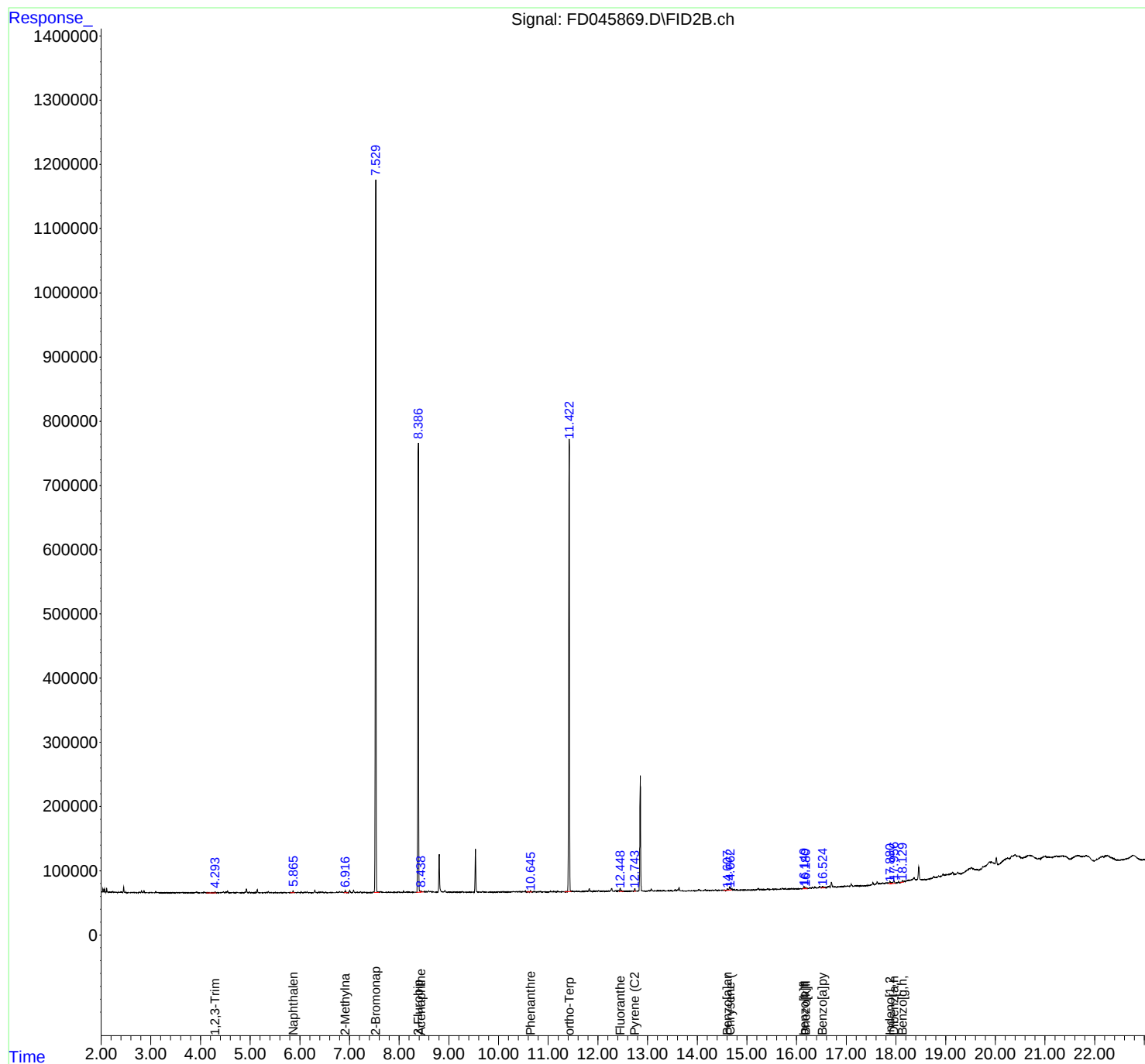
(m)=manual int.

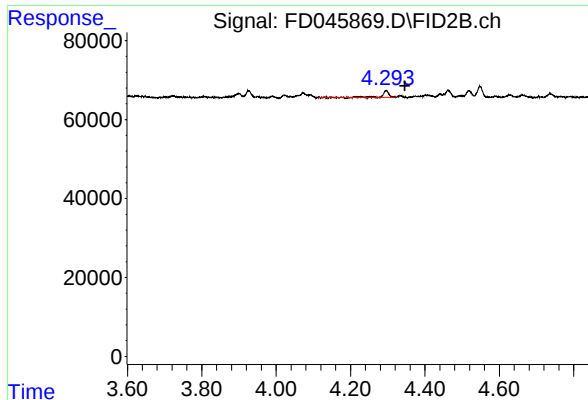
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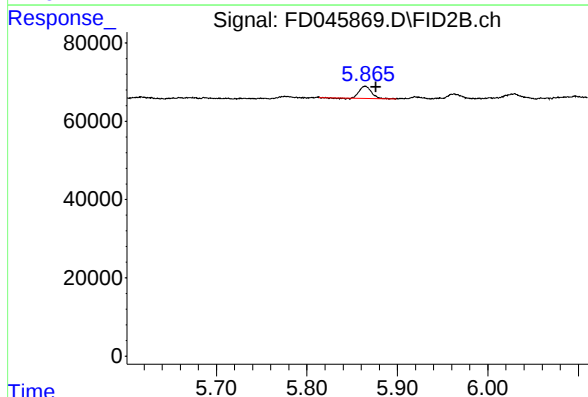




#1 1,2,3-Trimethylbenzene (C10.1)

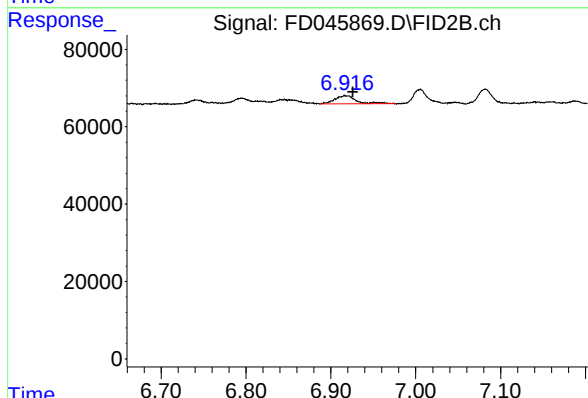
R.T.: 4.296 min
Delta R.T.: -0.050 min
Response: 17536
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



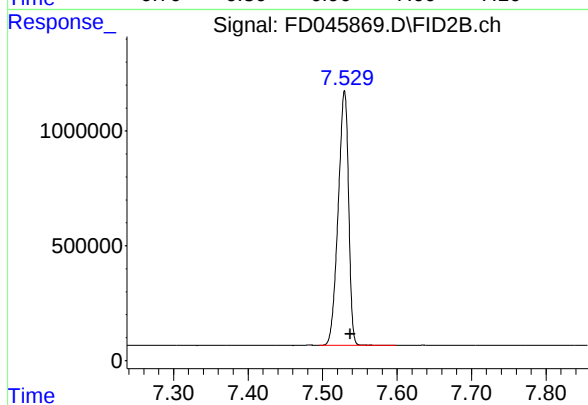
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: -0.012 min
Response: 28856
Conc: 0.14 ug/ml



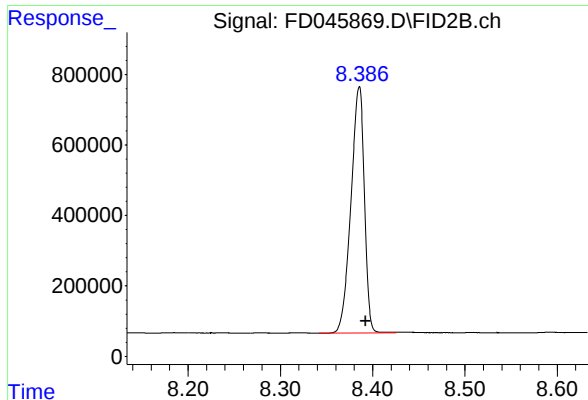
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.918 min
Delta R.T.: -0.008 min
Response: 36259
Conc: 0.17 ug/ml



#4 2-Bromonaphthalene (SURR)

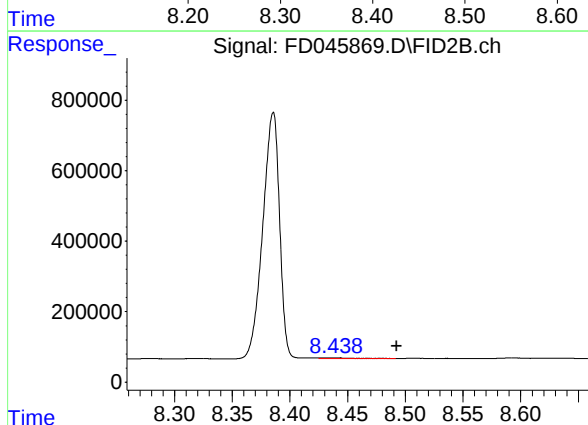
R.T.: 7.529 min
Delta R.T.: -0.008 min
Response: 10773977
Conc: 59.76 ug/ml



#6 2-Fluorobiphenyl (SURR)

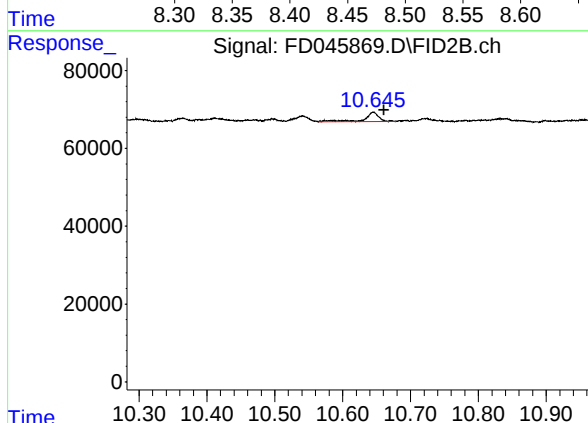
R.T.: 8.385 min
Delta R.T.: -0.008 min
Response: 7080888
Conc: 58.90 ug/ml

Instrument :
FID_D
ClientSampleId :



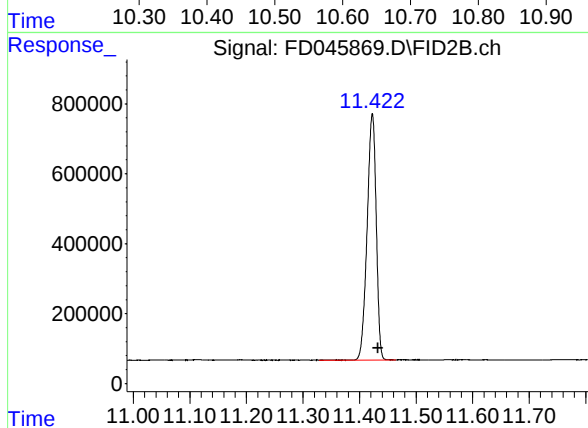
#7 Acenaphthene (C15.5)

R.T.: 8.437 min
Delta R.T.: -0.055 min
Response: 33583
Conc: 0.17 ug/ml



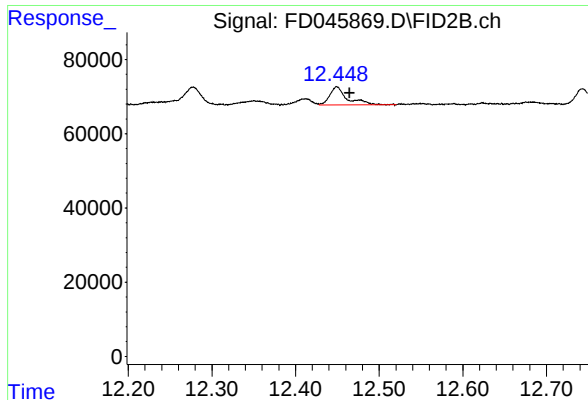
#9 Phenanthrene (C19.36)

R.T.: 10.645 min
Delta R.T.: -0.016 min
Response: 33414
Conc: 0.17 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.423 min
Delta R.T.: -0.010 min
Response: 7865966
Conc: 35.22 ug/ml



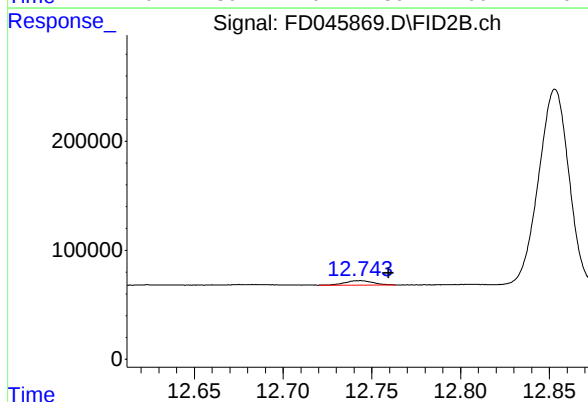
#12 Fluoranthene (C21.85)

R.T.: 12.449 min
Delta R.T.: -0.016 min
Response: 73259
Conc: 0.40 ug/ml

Instrument :

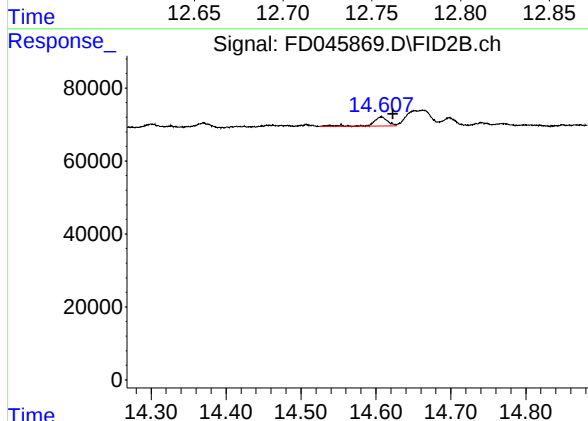
FID_D

ClientSampleId :



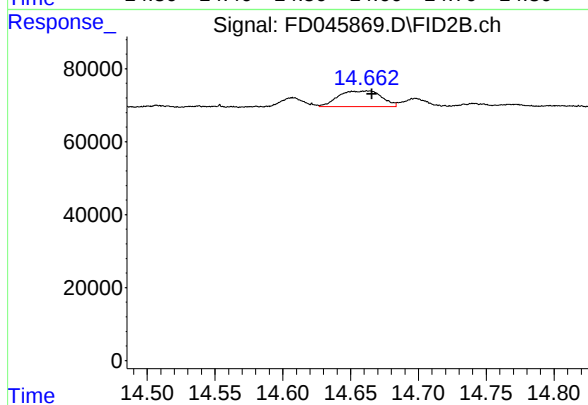
#13 Pyrene (C20.8)

R.T.: 12.743 min
Delta R.T.: -0.016 min
Response: 45804
Conc: 0.26 ug/ml



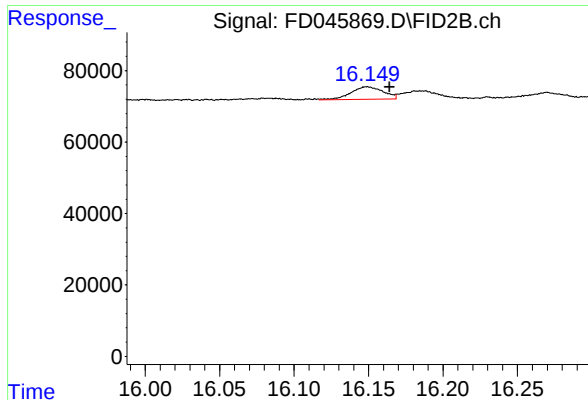
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.607 min
Delta R.T.: -0.016 min
Response: 34297
Conc: 0.22 ug/ml



#15 Chrysene (C27.41)

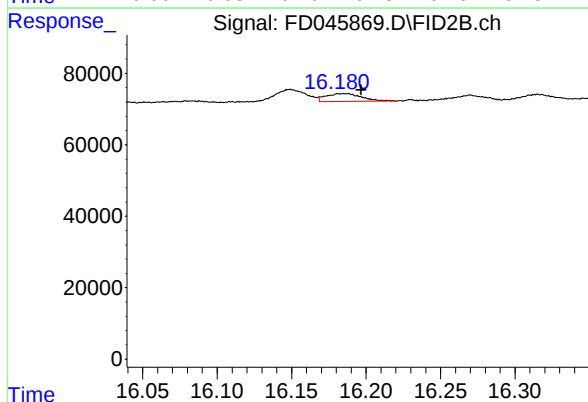
R.T.: 14.662 min
Delta R.T.: -0.004 min
Response: 94861
Conc: 0.57 ug/ml



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

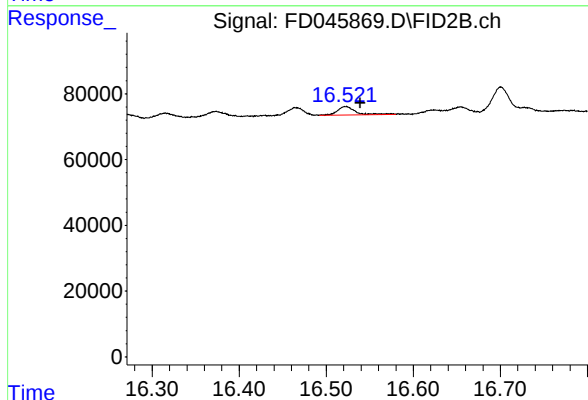
R.T.: 16.149 min
Delta R.T.: -0.015 min
Response: 53013
Conc: 0.35 ug/ml

Instrument :
FID_D
ClientSampleId :



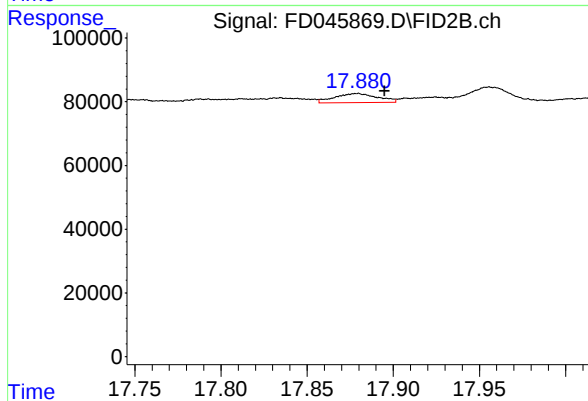
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.185 min
Delta R.T.: -0.012 min
Response: 36621
Conc: 0.24 ug/ml



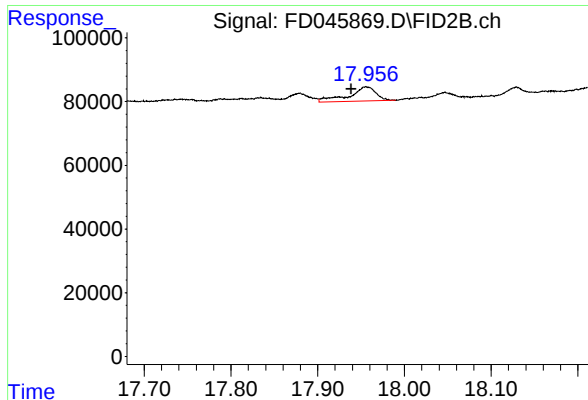
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min
Delta R.T.: -0.017 min
Response: 37798
Conc: 0.26 ug/ml



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

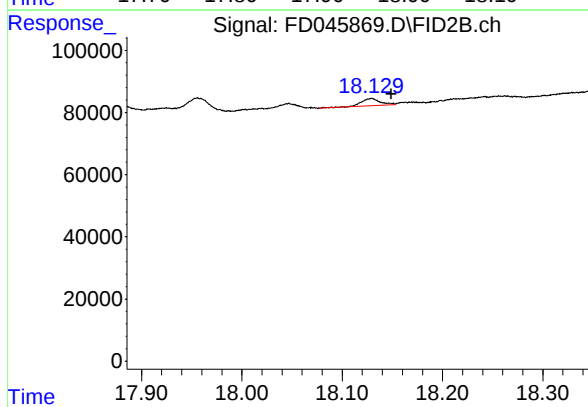
R.T.: 17.879 min
Delta R.T.: -0.016 min
Response: 49770
Conc: 0.34 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.017 min
Response: 95611
Conc: 0.64 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.129 min
Delta R.T.: -0.020 min
Response: 31288
Conc: 0.21 ug/ml