

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092022AR\
 Data File : FD043926.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2022 07:26
 Operator : YP/AJ
 Sample : N4630-14 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-17-4-3-GR

Integration File: autoint1.e
 Quant Time: Sep 21 08:56:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 2022
 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...	7.432	557899	4.240 ug/ml
Spiked Amount 50.000		Recovery =	8.48%
6) S 2-Fluorobiphenyl (SURR)	8.293	350691	4.861 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.72%
11) S ortho-Terphenyl (SURR)	11.314	579221	3.109 ug/ml
Spiked Amount 50.000		Recovery =	6.22%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.048	17020	0.110 ug/ml
7) T Acenaphthene (C15.5)	8.388	143567	0.820 ug/ml
8) T Fluorene (C16.55)	9.118	45124	0.307 ug/ml
9) T Phenanthrene (C19.36)	10.558	184563	1.275 ug/ml
10) T Anthracene (C19.43)	10.627	207714	1.415 ug/ml
12) T Fluoranthene (C21.85)	12.372	751821	4.902 ug/ml
13) T Pyrene (C20.8)	12.677	2767597	18.605 ug/ml
14) T Benzo[a]anthracene (C...	14.503	588001	5.260 ug/ml
15) T Chrysene (C27.41)	14.604	1929909	12.349 ug/ml
16) T benzo[b]fluoranthene ...	16.075	1546365	13.260 ug/ml
17) T Bnezo[k]fluoranthene ...	16.075	1546365	10.416 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.468	607361	5.014 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	801905	8.434 ug/ml
20) T Dibenz[a,h]anthracene...	17.903f	333719	2.778 ug/ml
21) T Benzo[g,h,i]perylene ...	18.020	188871	1.657 ug/ml

(f)=RT Delta > 1/2 Window

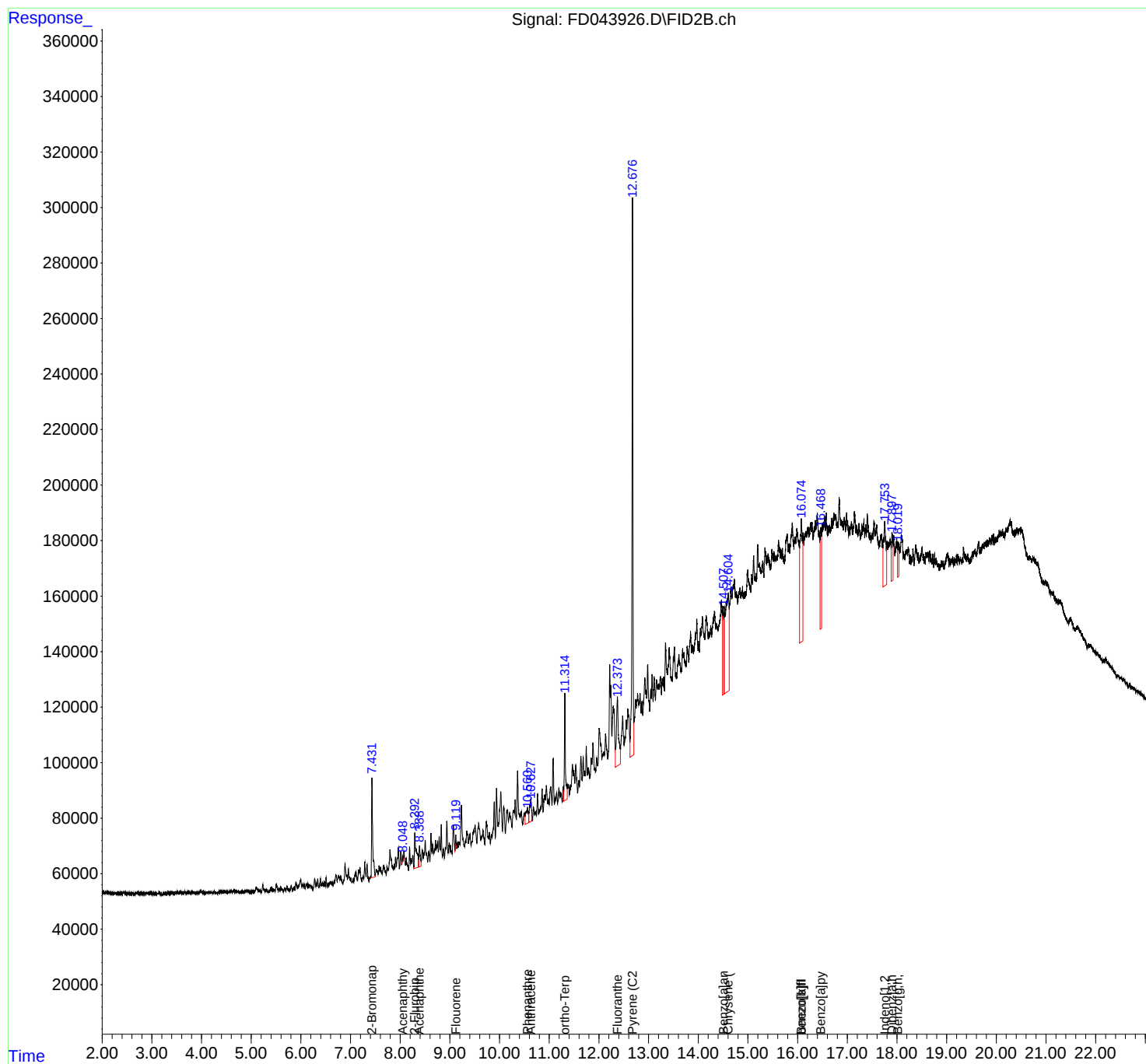
(m)=manual int.

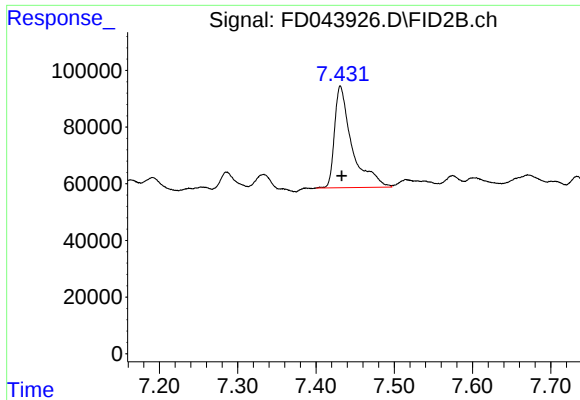
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Signal Info : 20M x 0.18mm x 0.18µm

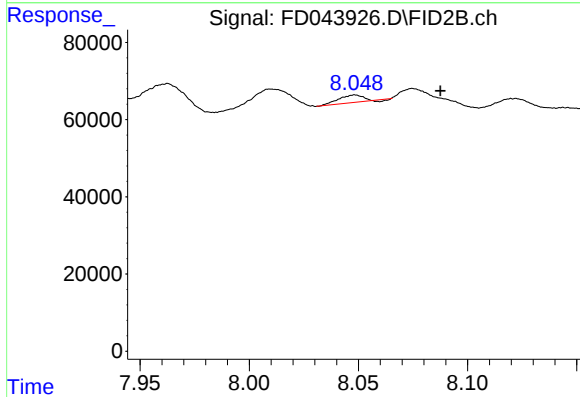




#4 2-Bromonaphthalene (SURR)

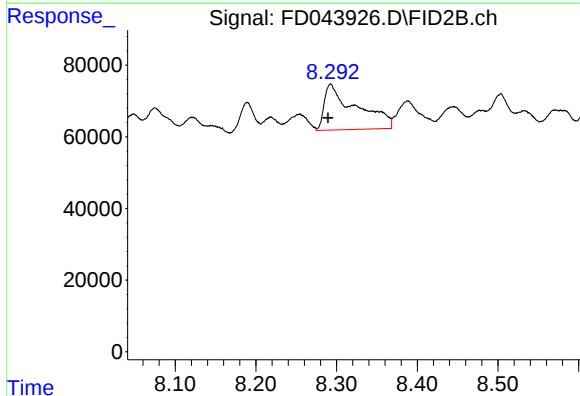
R.T.: 7.432 min
Delta R.T.: -0.001 min
Response: 557899
Conc: 4.24 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-17-4-3-GR



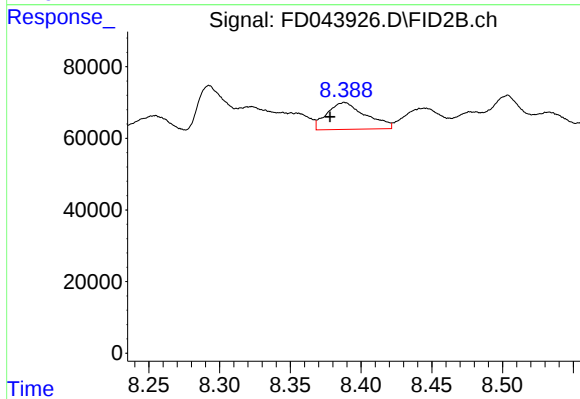
#5 Acenaphthylene (C15.06)

R.T.: 8.048 min
Delta R.T.: -0.039 min
Response: 17020
Conc: 0.11 ug/ml



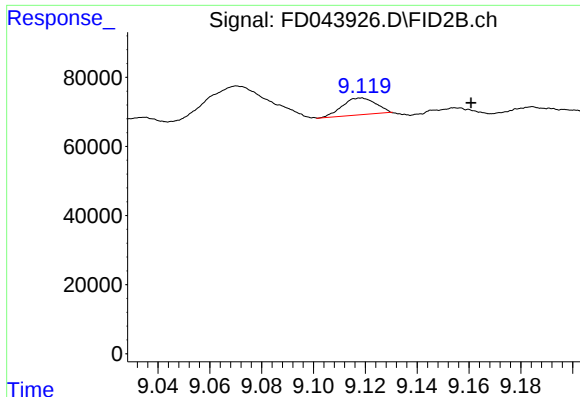
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.293 min
Delta R.T.: 0.003 min
Response: 350691
Conc: 4.86 ug/ml



#7 Acenaphthene (C15.5)

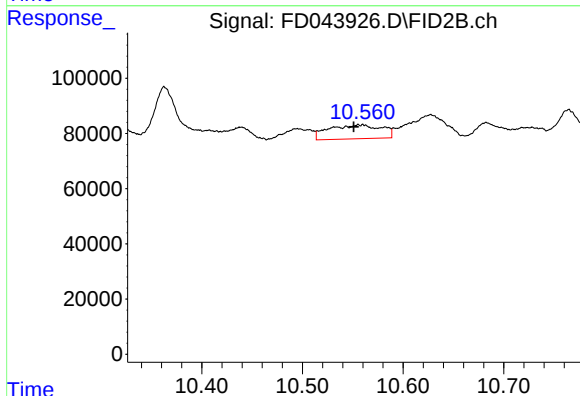
R.T.: 8.388 min
Delta R.T.: 0.010 min
Response: 143567
Conc: 0.82 ug/ml



#8 Fluorene (C16.55)

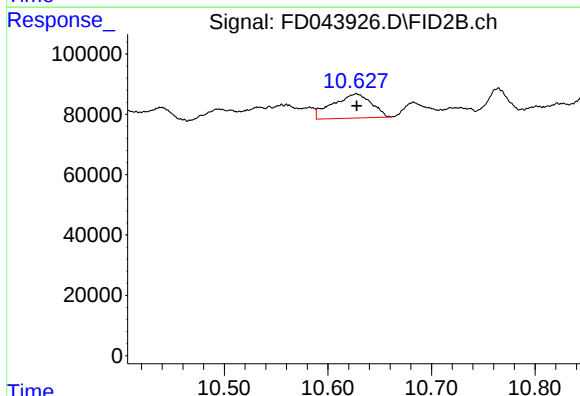
R.T.: 9.118 min
Delta R.T.: -0.042 min
Response: 45124
Conc: 0.31 ug/ml

Instrument :
FID_D
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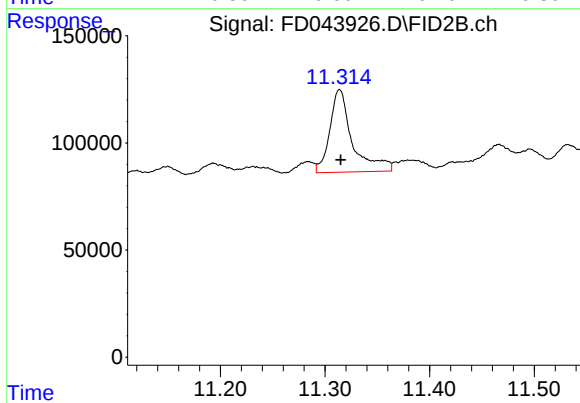
#9 Phenanthrene (C19.36)

R.T.: 10.558 min
Delta R.T.: 0.007 min
Response: 184563
Conc: 1.28 ug/ml



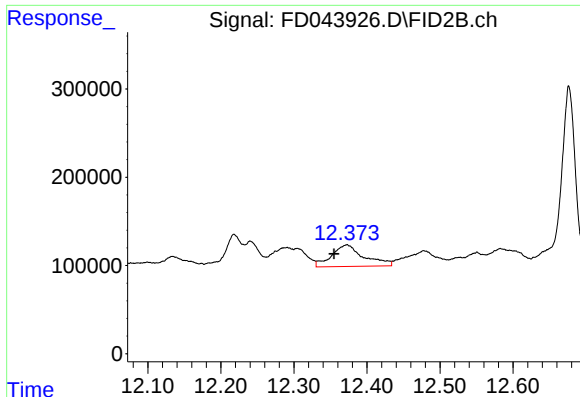
#10 Anthracene (C19.43)

R.T.: 10.627 min
Delta R.T.: 0.000 min
Response: 207714
Conc: 1.42 ug/ml



#11 ortho-Terphenyl (SURR)

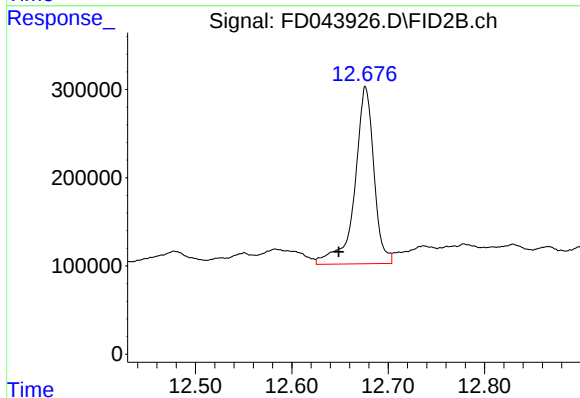
R.T.: 11.314 min
Delta R.T.: 0.000 min
Response: 579221
Conc: 3.11 ug/ml



#12 Fluoranthene (C21.85)

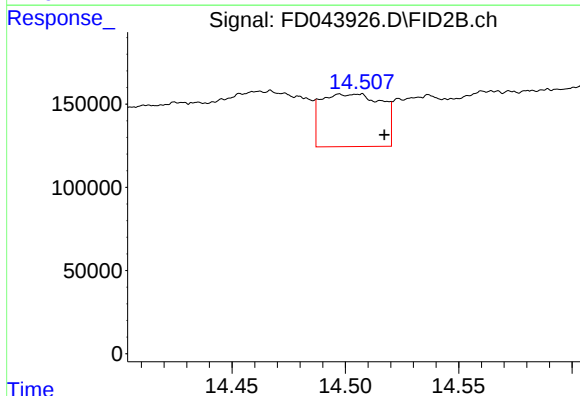
R.T.: 12.372 min
Delta R.T.: 0.017 min
Response: 751821
Conc: 4.90 ug/ml

Instrument :
FID_D
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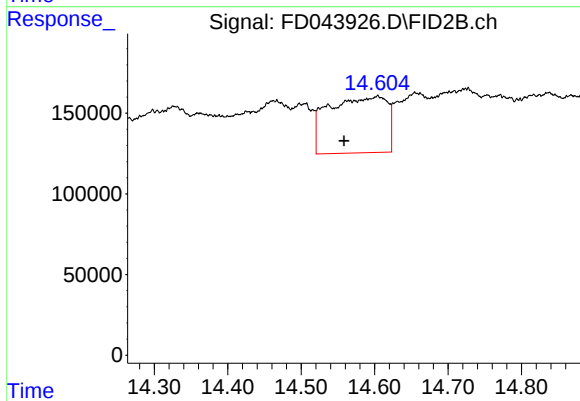
#13 Pyrene (C20.8)

R.T.: 12.677 min
Delta R.T.: 0.028 min
Response: 2767597
Conc: 18.60 ug/ml



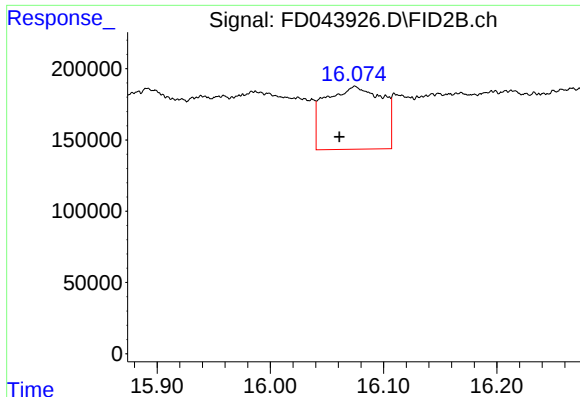
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.503 min
Delta R.T.: -0.014 min
Response: 588001
Conc: 5.26 ug/ml



#15 Chrysene (C27.41)

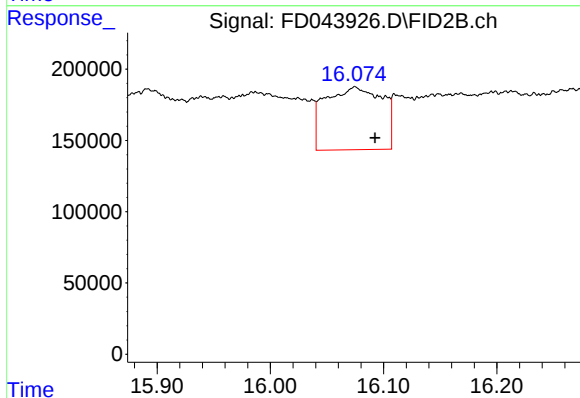
R.T.: 14.604 min
Delta R.T.: 0.046 min
Response: 1929909
Conc: 12.35 ug/ml



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

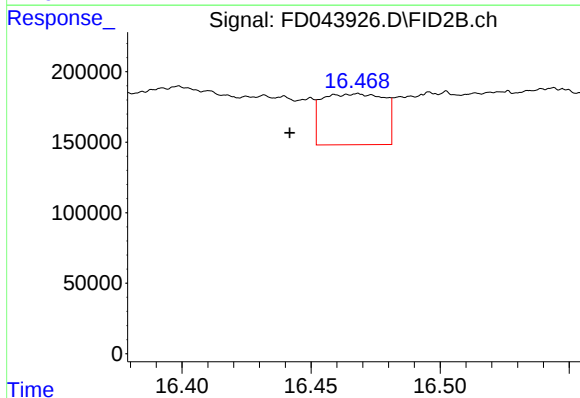
R.T.: 16.075 min
Delta R.T.: 0.014 min
Response: 1546365
Conc: 13.26 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-17-4-3-GR



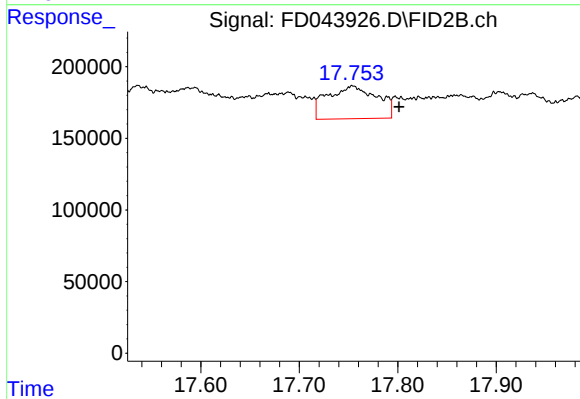
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.075 min
Delta R.T.: -0.018 min
Response: 1546365
Conc: 10.42 ug/ml



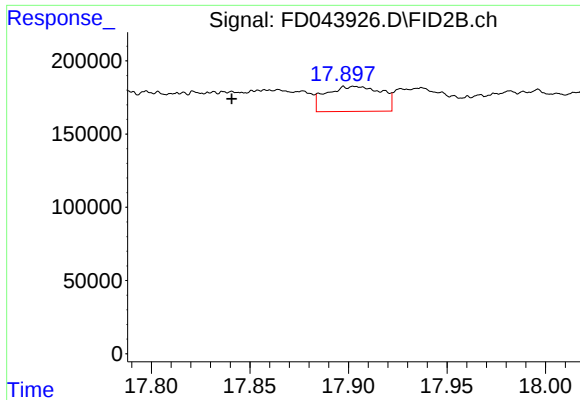
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.468 min
Delta R.T.: 0.026 min
Response: 607361
Conc: 5.01 ug/ml



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

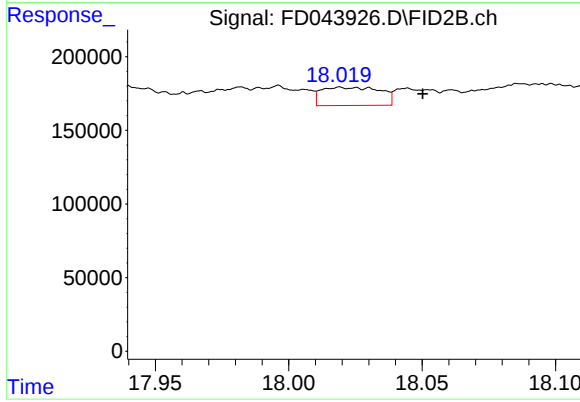
R.T.: 17.754 min
Delta R.T.: -0.047 min
Response: 801905
Conc: 8.43 ug/ml



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

R.T.: 17.903 min
Delta R.T.: 0.062 min
Response: 333719
Conc: 2.78 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-17-4-3-GR



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

R.T.: 18.020 min
Delta R.T.: -0.030 min
Response: 188871
Conc: 1.66 ug/ml