

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043068.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2022 22:36
 Operator : YP/AJ
 Sample : N3455-07
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 02:52:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.632	4480309	29.016 ug/ml
Spiked Amount 50.000		Recovery =	58.03%
6) S 2-Fluorobiphenyl (SURR)	8.495	3045771	28.877 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.75%
11) S ortho-Terphenyl (SURR)	11.540	4414499	24.289 ug/ml
Spiked Amount 50.000		Recovery =	48.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	27154	0.162 ug/ml
2) T Naphthalene (C11.7)	5.968	64116	0.366 ug/ml
3) T 2-Methylnaphthalene (...)	7.020	109961	0.684 ug/ml
5) T Acenaphthylene (C15.06)	8.301	112760	0.634 ug/ml
9) T Phenanthrene (C19.36)	10.770	125589	0.732 ug/ml
10) T Anthracene (C19.43)	10.846	49829	0.293 ug/ml
12) T Fluoranthene (C21.85)	12.581	221692	1.322 ug/ml
13) T Pyrene (C20.8)	12.878	211894	1.300 ug/ml
14) T Benzo[a]anthracene (C...	14.750	205344	1.322 ug/ml
15) T Chrysene (C27.41)	14.823	151616	0.961 ug/ml
16) T benzo[b]fluoranthene ...	16.301	679918	4.460 ug/ml
17) T Bnezo[k]fluoranthene ...	16.301	679918	4.645 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	420741	2.942 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.050	541971	4.331 ug/ml
20) T Dibenz[a,h]anthracene...	18.089	399047	2.968 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	376147	2.884 ug/ml

(f)=RT Delta > 1/2 Window

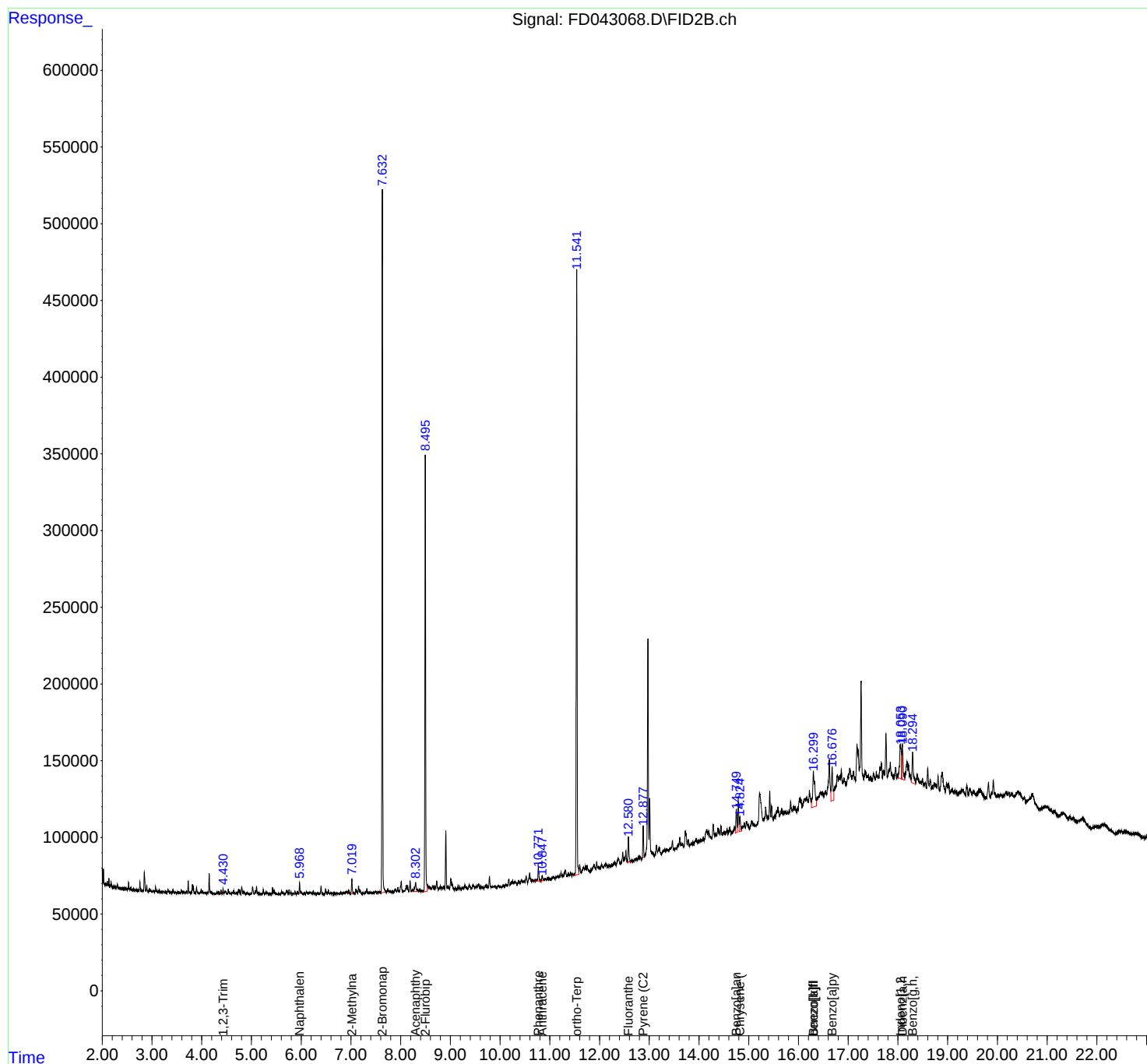
(m)=manual int.

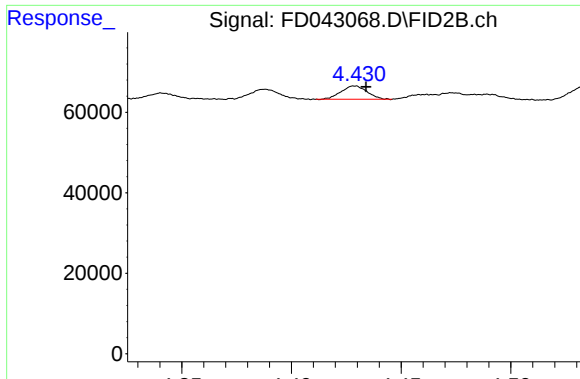
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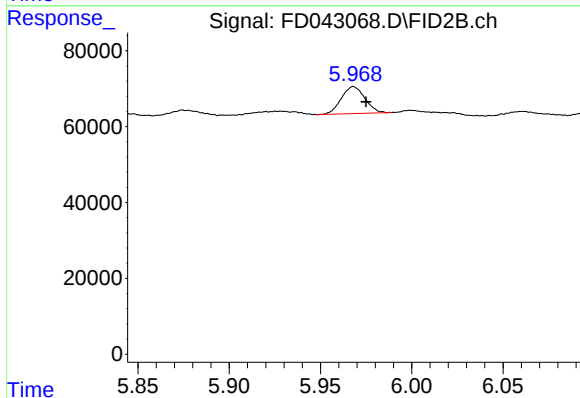




#1 1,2,3-Trimethylbenzene (C10.1)

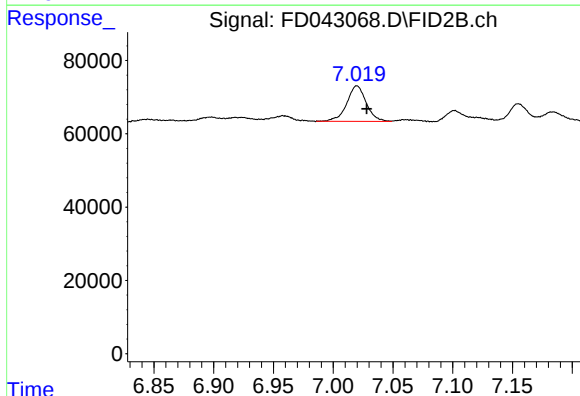
R.T.: 4.429 min
Delta R.T.: -0.005 min
Response: 27154
Conc: 0.16 ug/ml

Instrument :
FID_D
ClientSampleId :



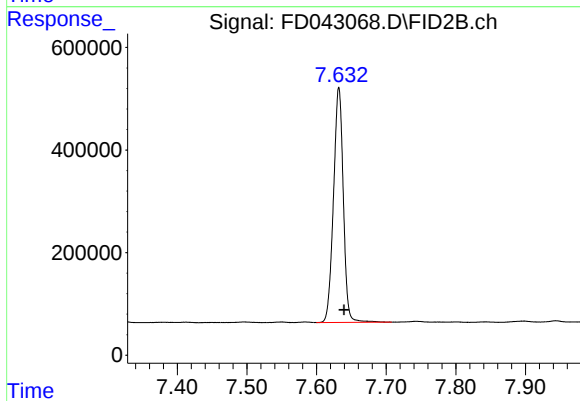
#2 Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.007 min
Response: 64116
Conc: 0.37 ug/ml



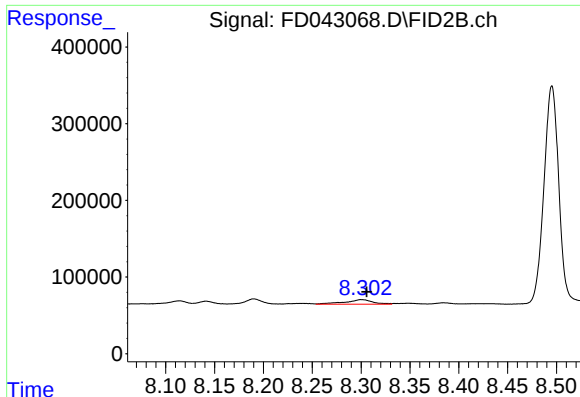
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: -0.008 min
Response: 109961
Conc: 0.68 ug/ml



#4 2-Bromonaphthalene (SURR)

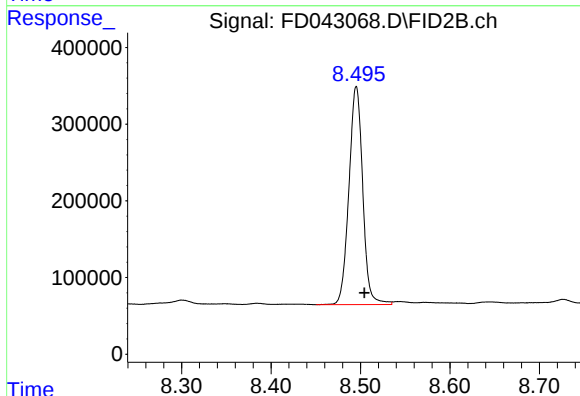
R.T.: 7.632 min
Delta R.T.: -0.008 min
Response: 4480309
Conc: 29.02 ug/ml



#5 Acenaphthylene (C15.06)

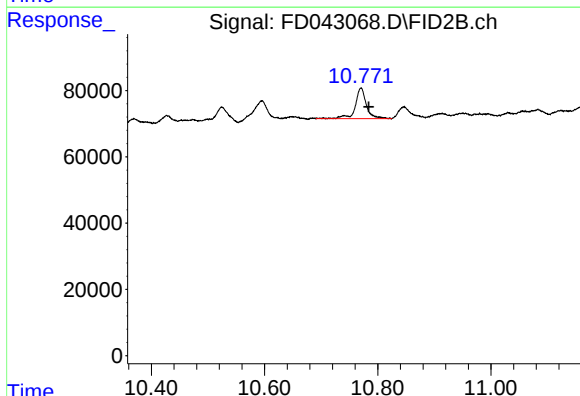
R.T.: 8.301 min
Delta R.T.: -0.005 min
Response: 112760
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :



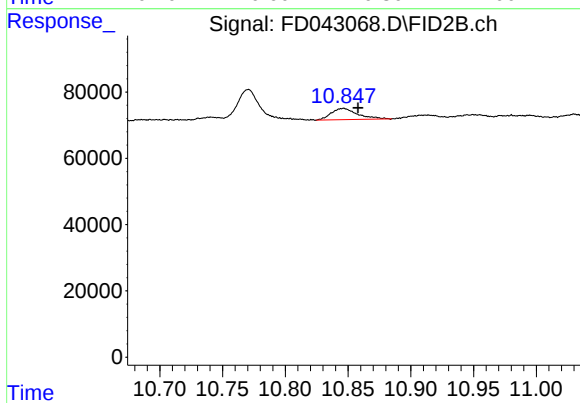
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: -0.009 min
Response: 3045771
Conc: 28.88 ug/ml



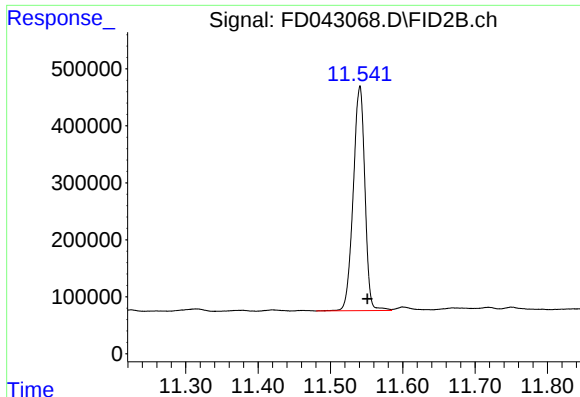
#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: -0.013 min
Response: 125589
Conc: 0.73 ug/ml



#10 Anthracene (C19.43)

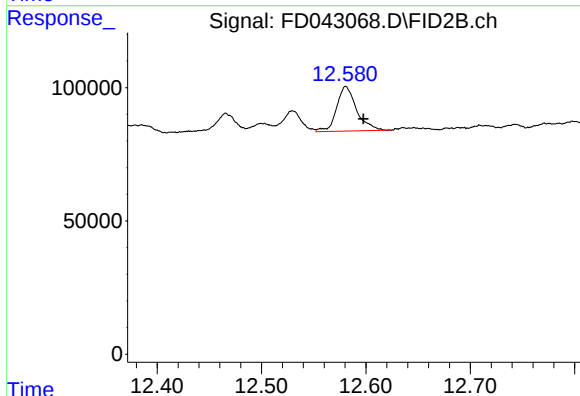
R.T.: 10.846 min
Delta R.T.: -0.012 min
Response: 49829
Conc: 0.29 ug/ml



#11 ortho-Terphenyl (SURR)

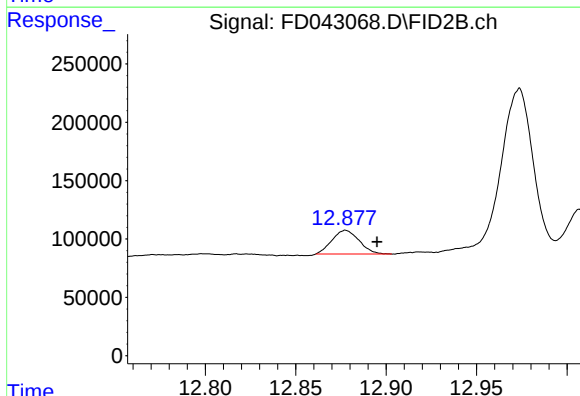
R.T.: 11.540 min
Delta R.T.: -0.011 min
Response: 4414499
Conc: 24.29 ug/ml

Instrument :
FID_D
ClientSampleId :



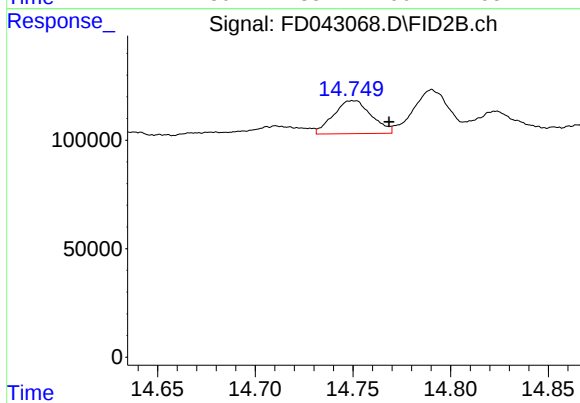
#12 Fluoranthene (C21.85)

R.T.: 12.581 min
Delta R.T.: -0.016 min
Response: 221692
Conc: 1.32 ug/ml



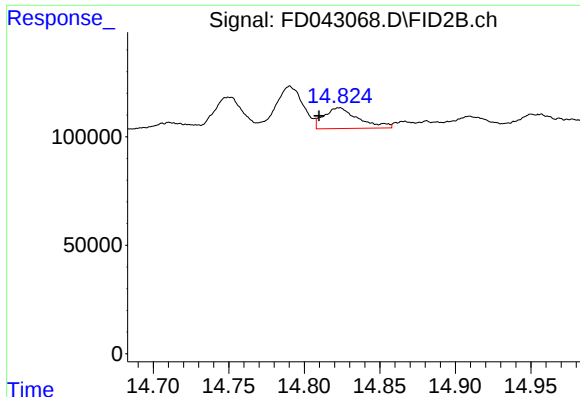
#13 Pyrene (C20.8)

R.T.: 12.878 min
Delta R.T.: -0.017 min
Response: 211894
Conc: 1.30 ug/ml



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

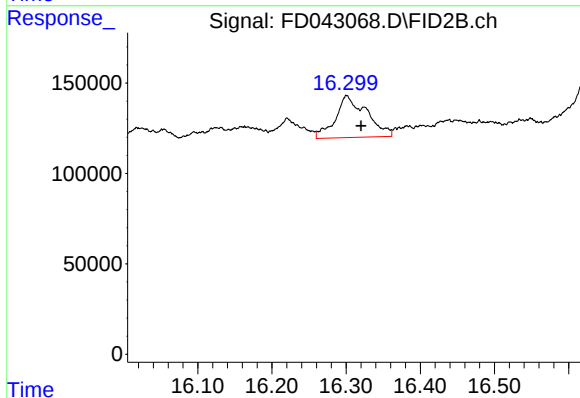
R.T.: 14.750 min
Delta R.T.: -0.019 min
Response: 205344
Conc: 1.32 ug/ml



#15 Chrysene (C27.41)

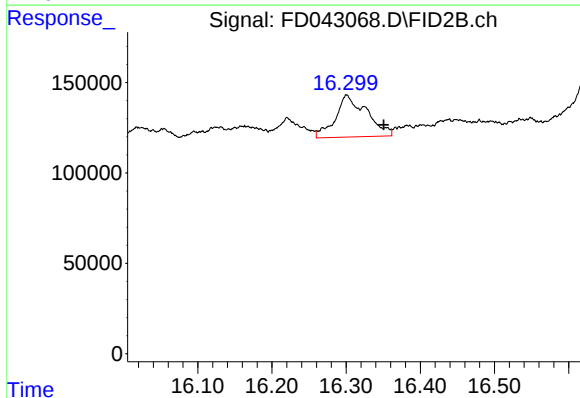
R.T.: 14.823 min
Delta R.T.: 0.013 min
Response: 151616
Conc: 0.96 ug/ml

Instrument :
FID_D
ClientSampleId :



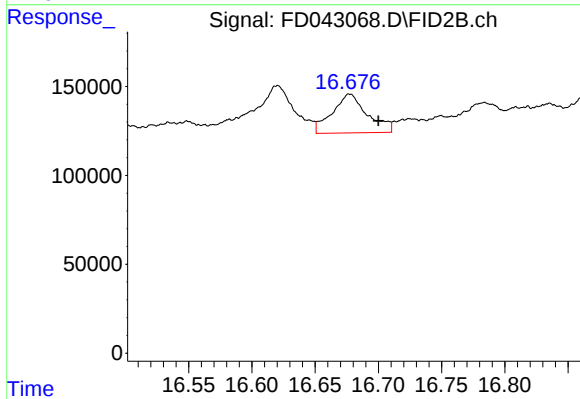
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.301 min
Delta R.T.: -0.019 min
Response: 679918
Conc: 4.46 ug/ml



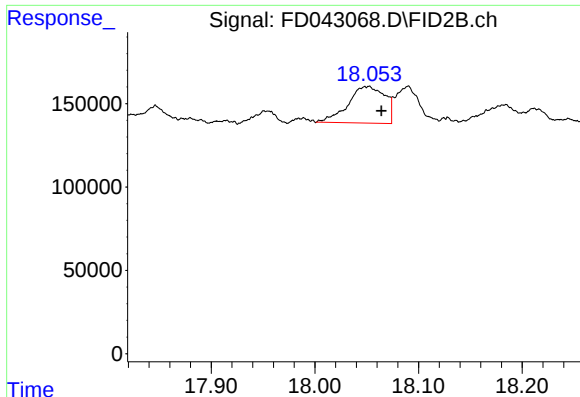
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.301 min
Delta R.T.: -0.050 min
Response: 679918
Conc: 4.65 ug/ml



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

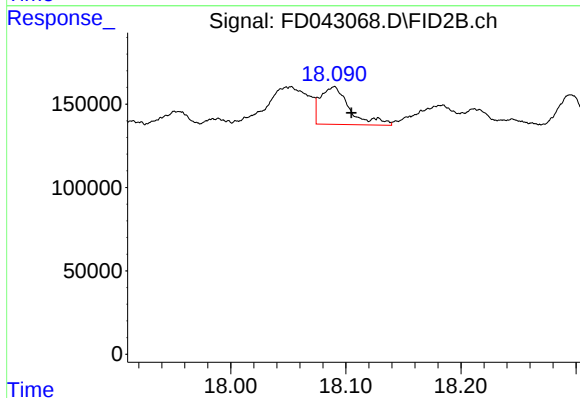
R.T.: 16.677 min
Delta R.T.: -0.023 min
Response: 420741
Conc: 2.94 ug/ml



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

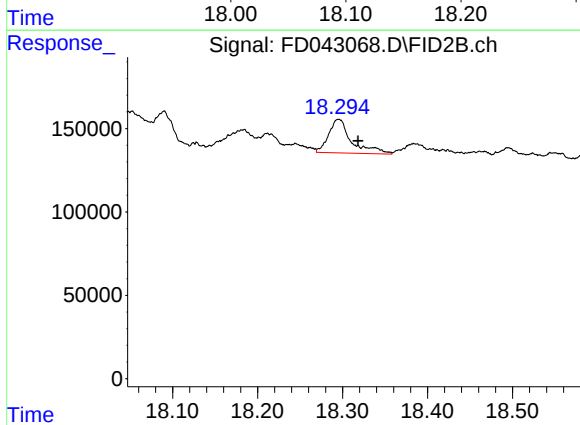
R.T.: 18.050 min
Delta R.T.: -0.014 min
Response: 541971
Conc: 4.33 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.089 min
Delta R.T.: -0.016 min
Response: 399047
Conc: 2.97 ug/ml



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

R.T.: 18.295 min
Delta R.T.: -0.023 min
Response: 376147
Conc: 2.88 ug/ml