

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043069.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2022 23:19
 Operator : YP/AJ
 Sample : N3455-07D
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 02:53:07 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	4748393	30.752 ug/ml
Spiked Amount 50.000		Recovery =	61.50%
6) S 2-Fluorobiphenyl (SURR)	8.495	3186002	30.206 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	60.41%
11) S ortho-Terphenyl (SURR)	11.541	4655976	25.617 ug/ml
Spiked Amount 50.000		Recovery =	51.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	28428	0.169 ug/ml
2) T Naphthalene (C11.7)	5.968	66084	0.377 ug/ml
3) T 2-Methylnaphthalene (...)	7.020	114399	0.711 ug/ml
5) T Acenaphthylene (C15.06)	8.301	123591	0.695 ug/ml
9) T Phenanthrene (C19.36)	10.770	135604	0.791 ug/ml
10) T Anthracene (C19.43)	10.846	55213	0.325 ug/ml
12) T Fluoranthene (C21.85)	12.582	239103	1.426 ug/ml
13) T Pyrene (C20.8)	12.878	219775	1.349 ug/ml
14) T Benzo[a]anthracene (C...	14.749	214873	1.384 ug/ml
15) T Chrysene (C27.41)	14.824	149739	0.949 ug/ml
16) T benzo[b]fluoranthene ...	16.303	676116	4.435 ug/ml
17) T Bnezo[k]fluoranthene ...	16.303	676116	4.620 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.680	469913	3.285 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.049	550888	4.402 ug/ml
20) T Dibenz[a,h]anthracene...	18.089	422300	3.141 ug/ml
21) T Benzo[g,h,i]perylene ...	18.297	358998	2.752 ug/ml

(f)=RT Delta > 1/2 Window

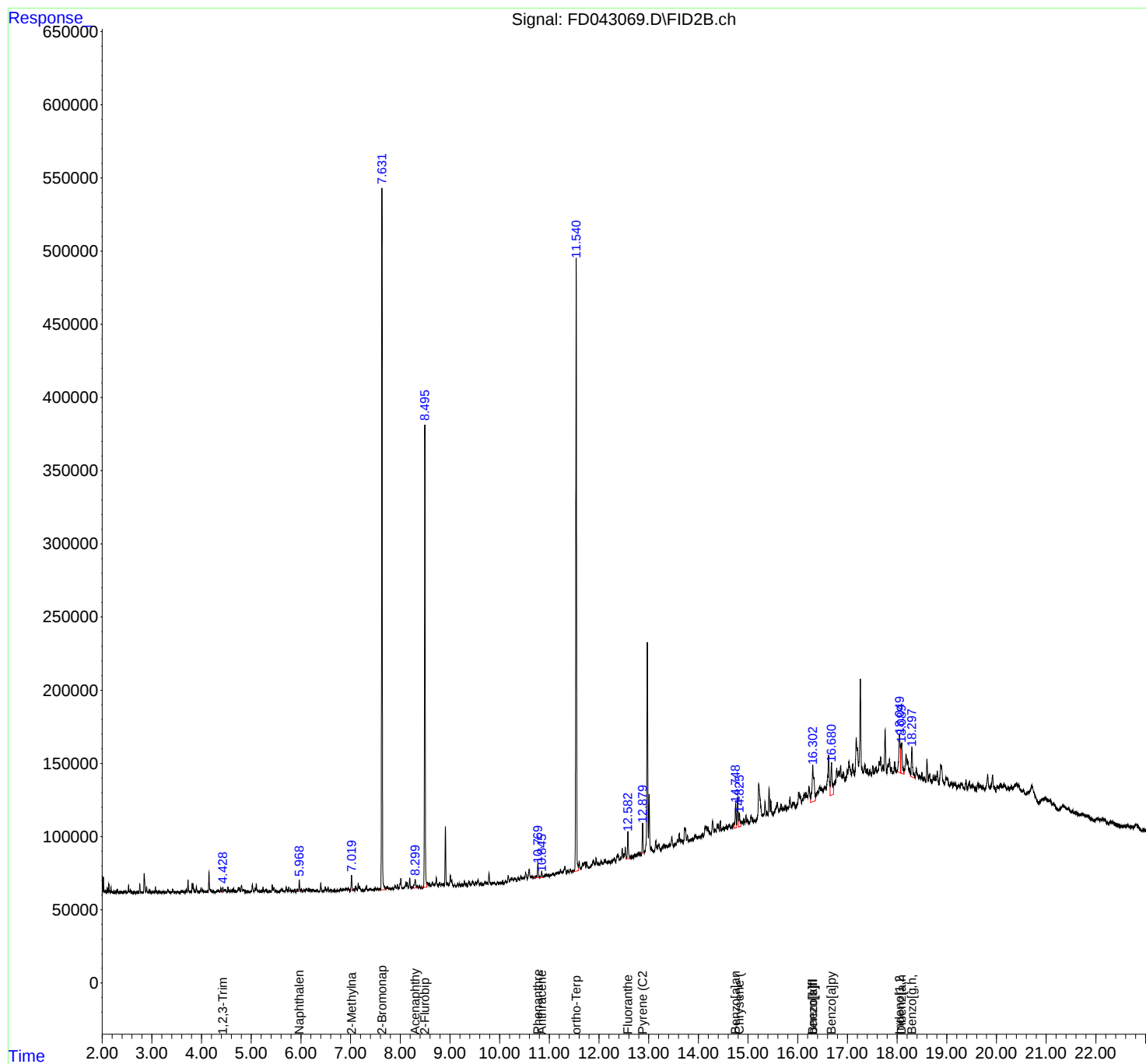
(m)=manual int.

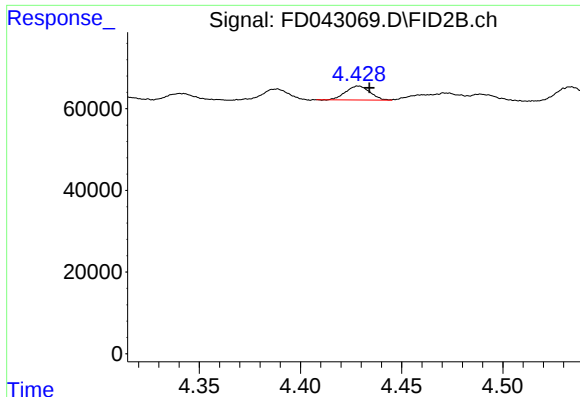
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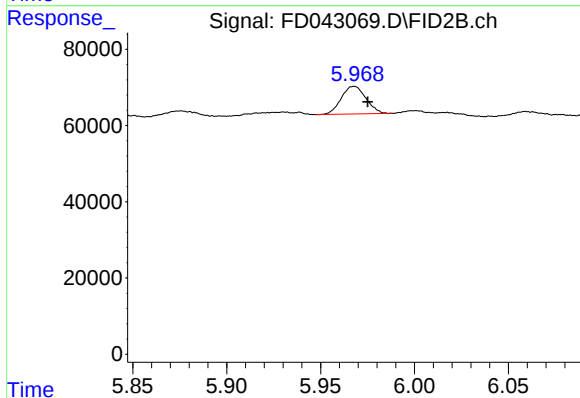




#1 1,2,3-Trimethylbenzene (C10.1)

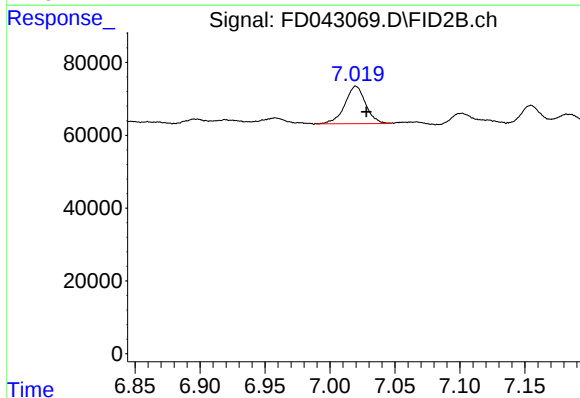
R.T.: 4.429 min
Delta R.T.: -0.005 min
Response: 28428
Conc: 0.17 ug/ml

Instrument :
FID_D
ClientSampleId :



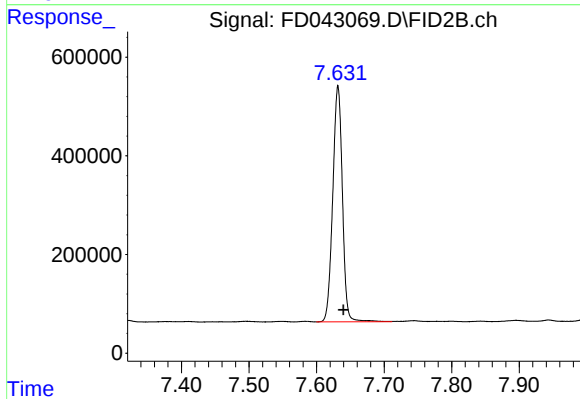
#2 Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.007 min
Response: 66084
Conc: 0.38 ug/ml



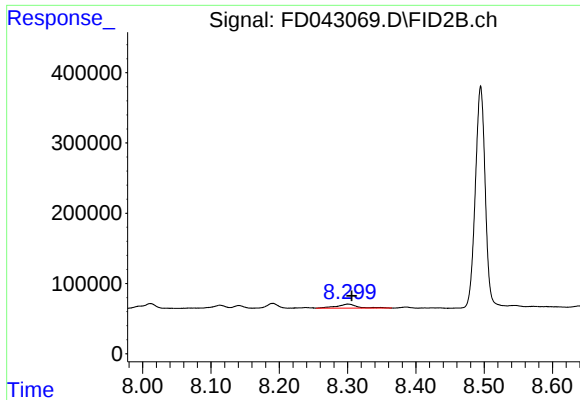
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: -0.008 min
Response: 114399
Conc: 0.71 ug/ml



#4 2-Bromonaphthalene (SURR)

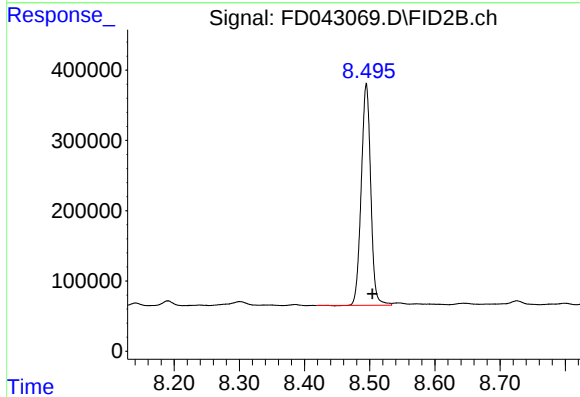
R.T.: 7.632 min
Delta R.T.: -0.008 min
Response: 4748393
Conc: 30.75 ug/ml



#5 Acenaphthylene (C15.06)

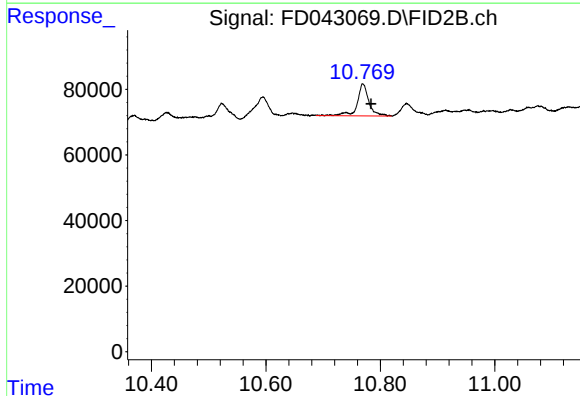
R.T.: 8.301 min
Delta R.T.: -0.005 min
Response: 123591
Conc: 0.70 ug/ml

Instrument :
FID_D
ClientSampleId :



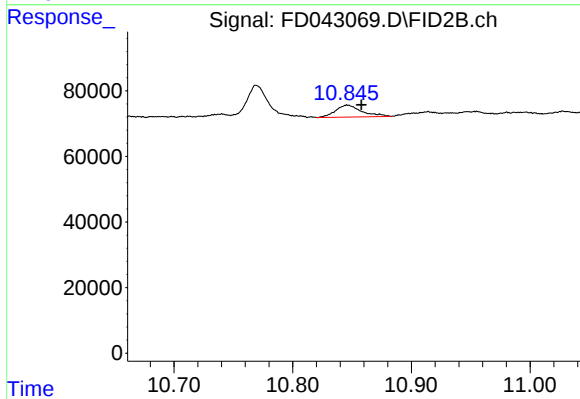
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: -0.009 min
Response: 3186002
Conc: 30.21 ug/ml



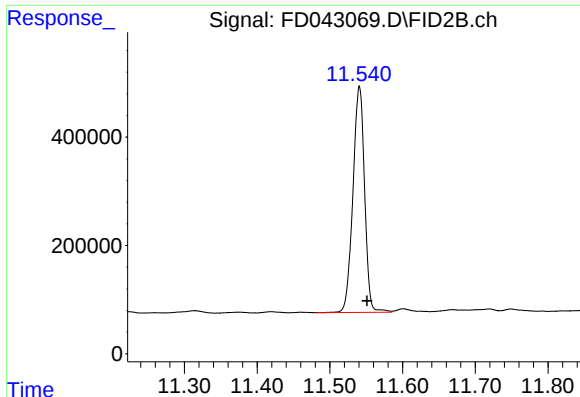
#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: -0.014 min
Response: 135604
Conc: 0.79 ug/ml



#10 Anthracene (C19.43)

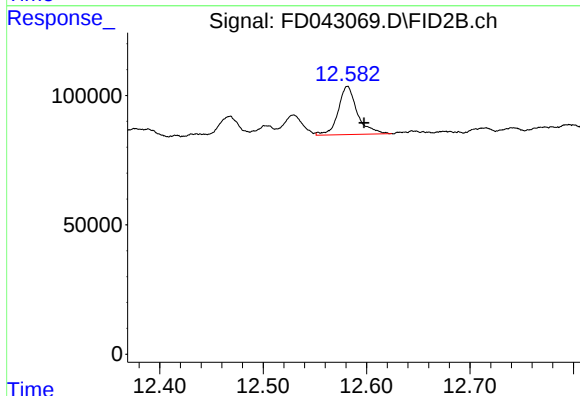
R.T.: 10.846 min
Delta R.T.: -0.012 min
Response: 55213
Conc: 0.32 ug/ml



#11 ortho-Terphenyl (SURR)

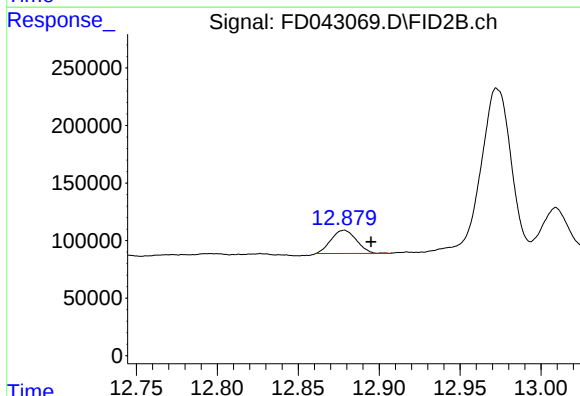
R.T.: 11.541 min
Delta R.T.: -0.011 min
Response: 4655976
Conc: 25.62 ug/ml

Instrument :
FID_D
ClientSampleId :



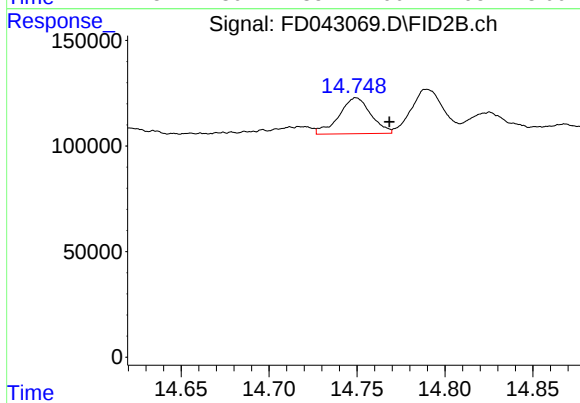
#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: -0.016 min
Response: 239103
Conc: 1.43 ug/ml



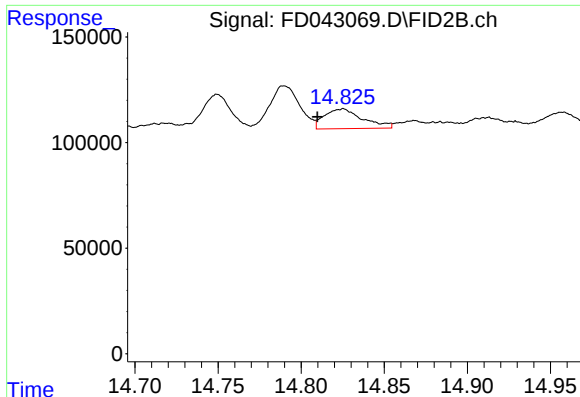
#13 Pyrene (C20.8)

R.T.: 12.878 min
Delta R.T.: -0.017 min
Response: 219775
Conc: 1.35 ug/ml



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

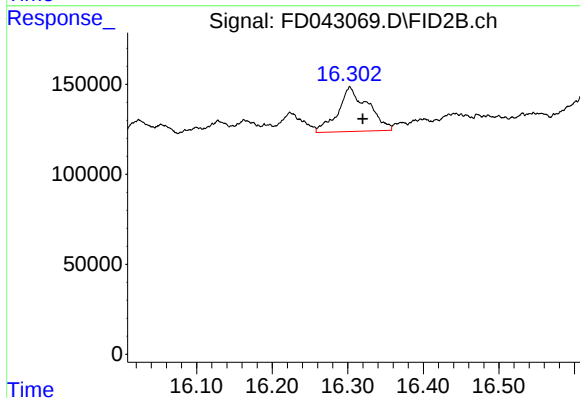
R.T.: 14.749 min
Delta R.T.: -0.019 min
Response: 214873
Conc: 1.38 ug/ml



#15 Chrysene (C27.41)

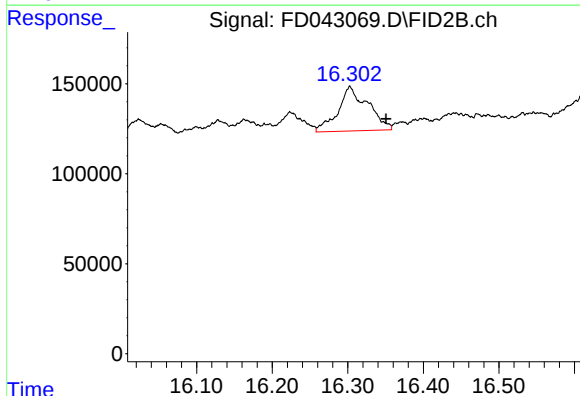
R.T.: 14.824 min
Delta R.T.: 0.014 min
Response: 149739
Conc: 0.95 ug/ml

Instrument :
FID_D
ClientSampleId :



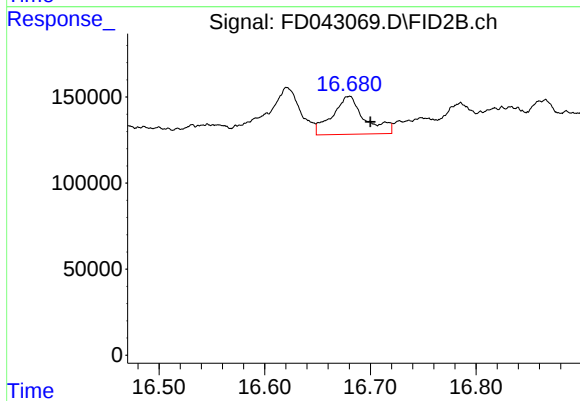
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.303 min
Delta R.T.: -0.017 min
Response: 676116
Conc: 4.44 ug/ml



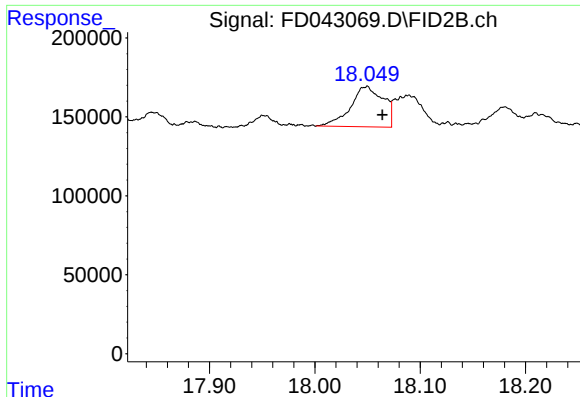
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.303 min
Delta R.T.: -0.048 min
Response: 676116
Conc: 4.62 ug/ml



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

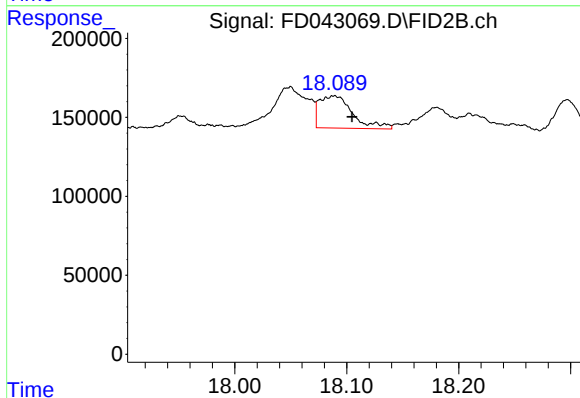
R.T.: 16.680 min
Delta R.T.: -0.021 min
Response: 469913
Conc: 3.29 ug/ml



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

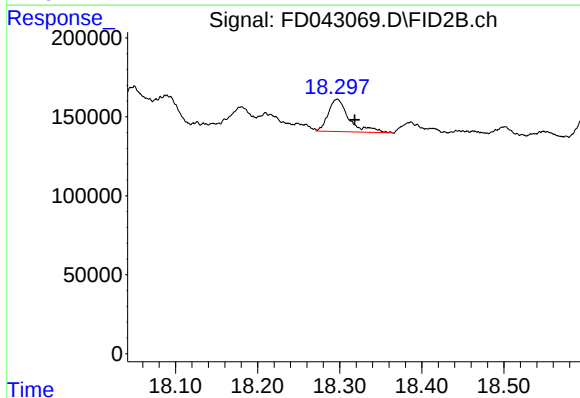
R.T.: 18.049 min
Delta R.T.: -0.016 min
Response: 550888
Conc: 4.40 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.089 min
Delta R.T.: -0.016 min
Response: 422300
Conc: 3.14 ug/ml



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

R.T.: 18.297 min
Delta R.T.: -0.021 min
Response: 358998
Conc: 2.75 ug/ml