

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043072.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 01:26
 Operator : YP/AJ
 Sample : N3455-13
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 03:06:07 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...	7.634	6972883	45.158 ug/ml
Spiked Amount 50.000		Recovery =	90.32%
6) S 2-Fluorobiphenyl (SURR)	8.498	4681997	44.390 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.78%
11) S ortho-Terphenyl (SURR)	11.541	4405891	24.241 ug/ml
Spiked Amount 50.000		Recovery =	48.48%
Target Compounds			
2) T Naphthalene (C11.7)	5.968	52757	0.301 ug/ml
3) T 2-Methylnaphthalene (...)	7.021	123670	0.769 ug/ml
5) T Acenaphthylene (C15.06)	8.296	161632	0.909 ug/ml
8) T Fluorene (C16.55)	9.453f	98478	0.568 ug/ml
9) T Phenanthrene (C19.36)	10.770	121453	0.708 ug/ml
10) T Anthracene (C19.43)	10.846	90093	0.530 ug/ml
12) T Fluoranthene (C21.85)	12.583	287838	1.716 ug/ml
13) T Pyrene (C20.8)	12.879	272485	1.672 ug/ml
14) T Benzo[a]anthracene (C...	14.751	366787	2.362 ug/ml
15) T Chrysene (C27.41)	14.790	460697	2.919 ug/ml
16) T benzo[b]fluoranthene ...	16.302	627761	4.118 ug/ml
17) T Bnezo[k]fluoranthene ...	16.302	627761	4.289 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.678	328197	2.295 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.043	279453	2.233 ug/ml
20) T Dibenz[a,h]anthracene...	18.088	230500	1.715 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	387749	2.973 ug/ml

(f)=RT Delta > 1/2 Window

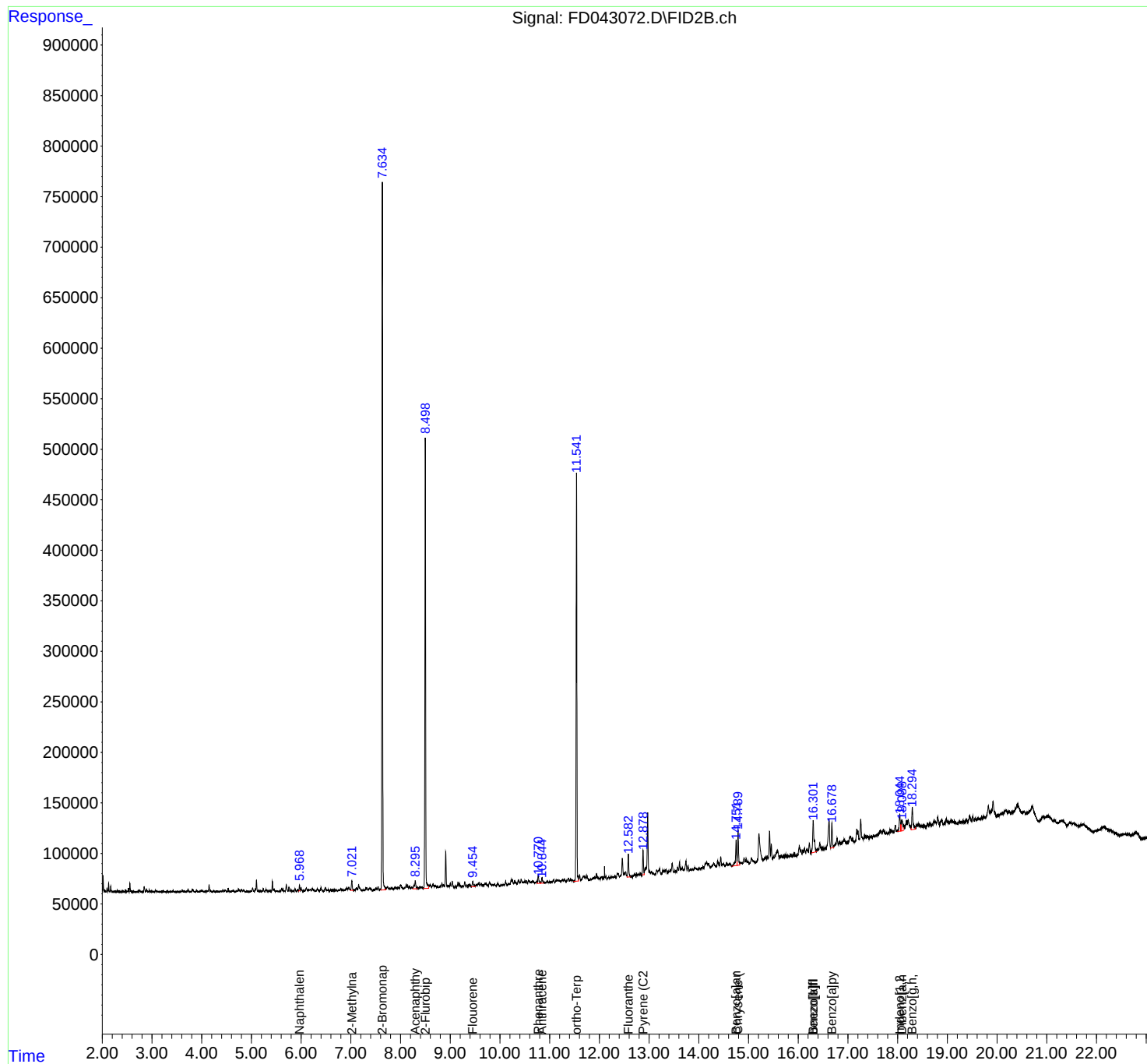
(m)=manual int.

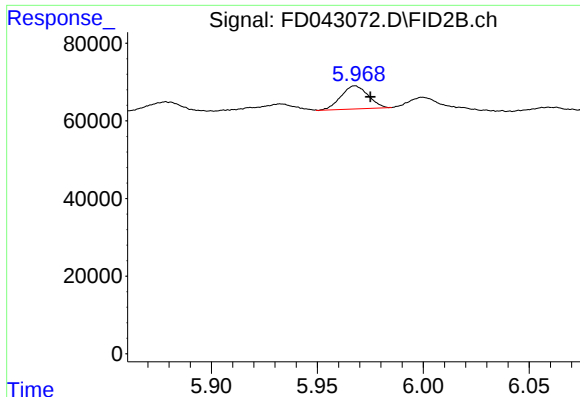
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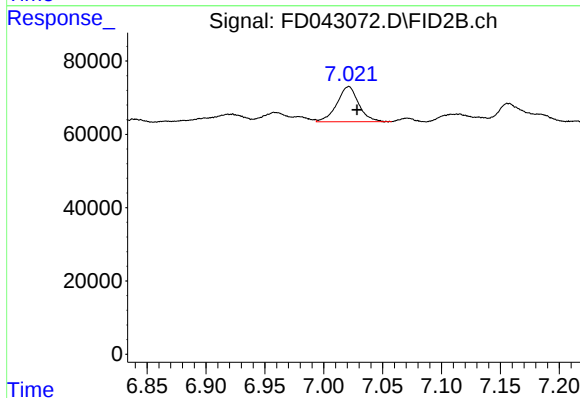




#2 Naphthalene (C11.7)

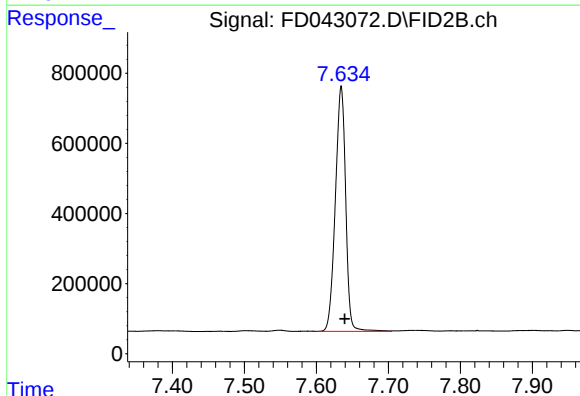
R.T.: 5.968 min
Delta R.T.: -0.007 min
Response: 52757
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



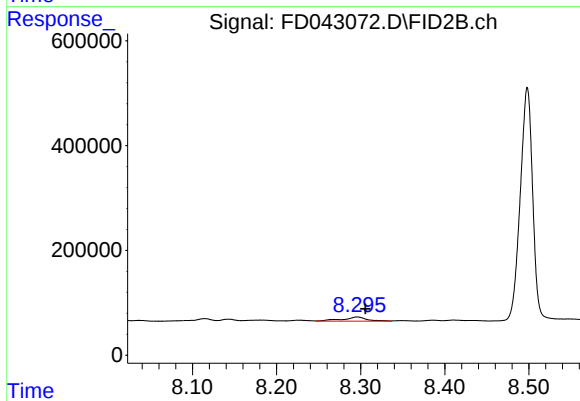
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: -0.007 min
Response: 123670
Conc: 0.77 ug/ml



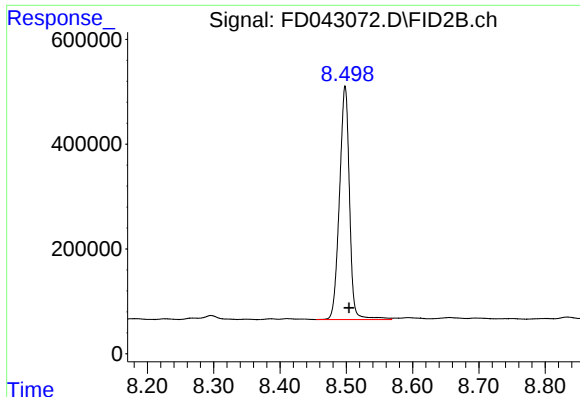
#4 2-Bromonaphthalene (SURR)

R.T.: 7.634 min
Delta R.T.: -0.005 min
Response: 6972883
Conc: 45.16 ug/ml



#5 Acenaphthylene (C15.06)

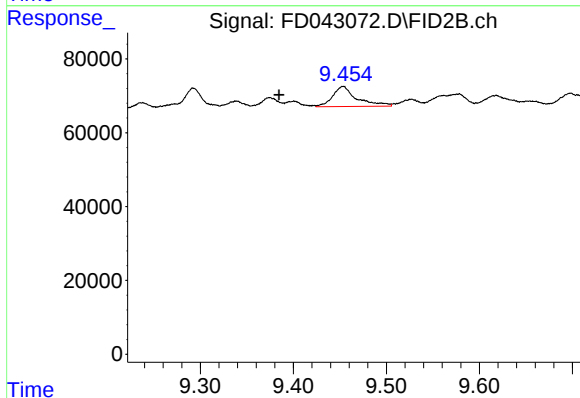
R.T.: 8.296 min
Delta R.T.: -0.010 min
Response: 161632
Conc: 0.91 ug/ml



#6 2-Fluorobiphenyl (SURR)

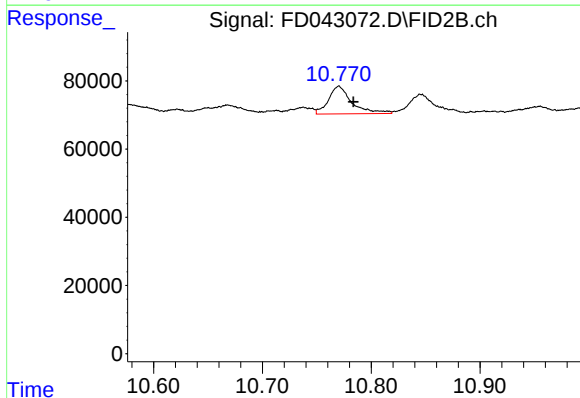
R.T.: 8.498 min
Delta R.T.: -0.006 min
Response: 4681997
Conc: 44.39 ug/ml

Instrument :
FID_D
ClientSampleId :



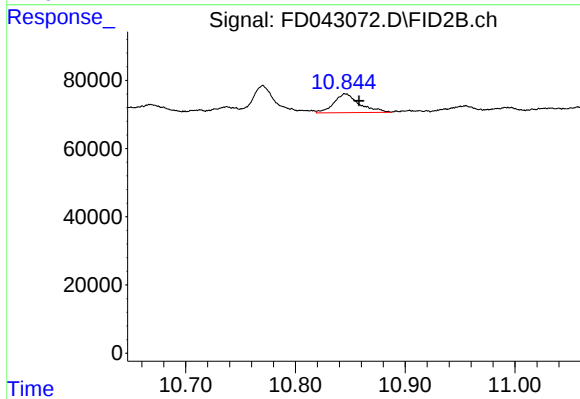
#8 Flouorene (C16.55)

R.T.: 9.453 min
Delta R.T.: 0.069 min
Response: 98478
Conc: 0.57 ug/ml



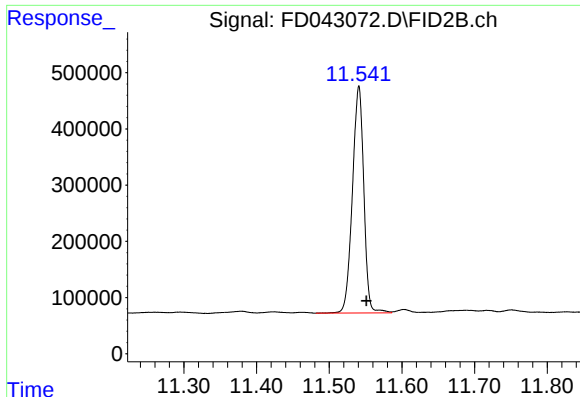
#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: -0.013 min
Response: 121453
Conc: 0.71 ug/ml



#10 Anthracene (C19.43)

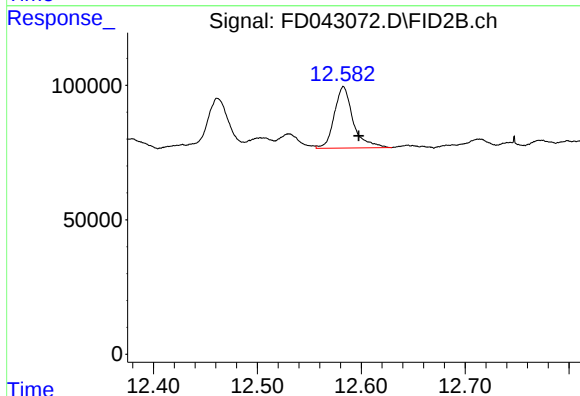
R.T.: 10.846 min
Delta R.T.: -0.012 min
Response: 90093
Conc: 0.53 ug/ml



#11 ortho-Terphenyl (SURR)

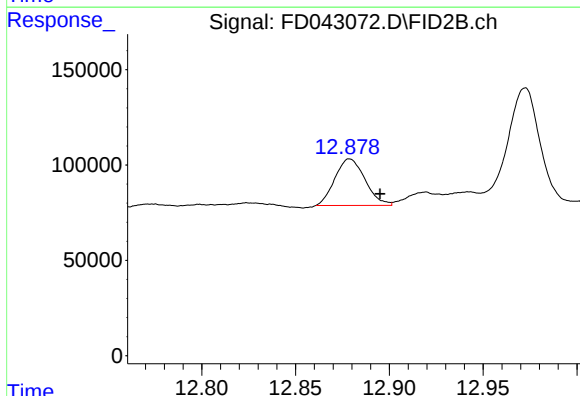
R.T.: 11.541 min
Delta R.T.: -0.011 min
Response: 4405891
Conc: 24.24 ug/ml

Instrument :
FID_D
ClientSampleId :



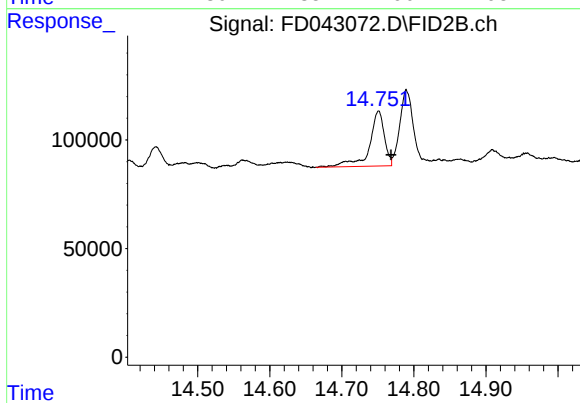
#12 Fluoranthene (C21.85)

R.T.: 12.583 min
Delta R.T.: -0.015 min
Response: 287838
Conc: 1.72 ug/ml



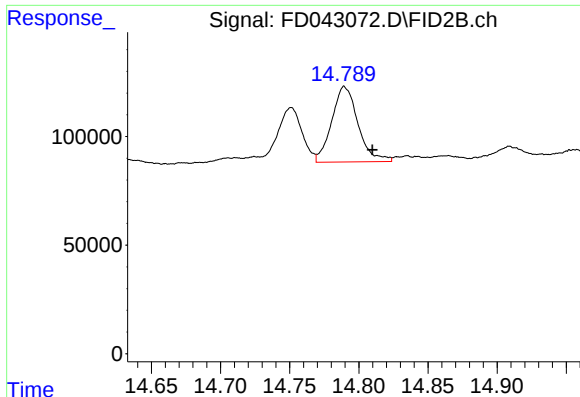
#13 Pyrene (C20.8)

R.T.: 12.879 min
Delta R.T.: -0.016 min
Response: 272485
Conc: 1.67 ug/ml



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

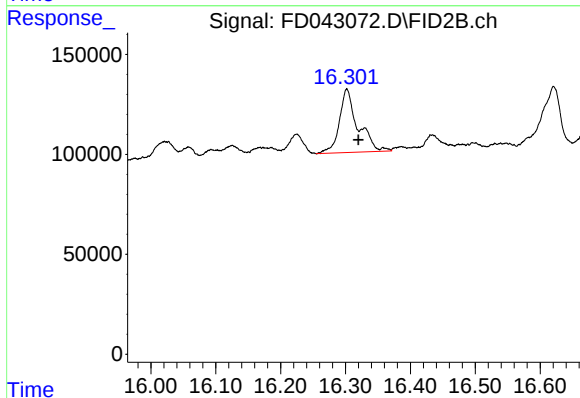
R.T.: 14.751 min
Delta R.T.: -0.018 min
Response: 366787
Conc: 2.36 ug/ml



#15 Chrysene (C27.41)

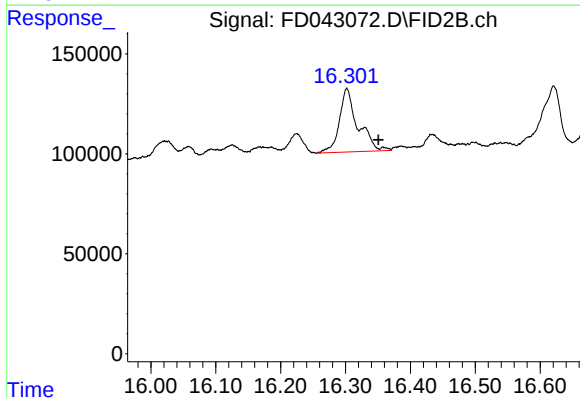
R.T.: 14.790 min
Delta R.T.: -0.020 min
Response: 460697
Conc: 2.92 ug/ml

Instrument :
FID_D
ClientSampleId :



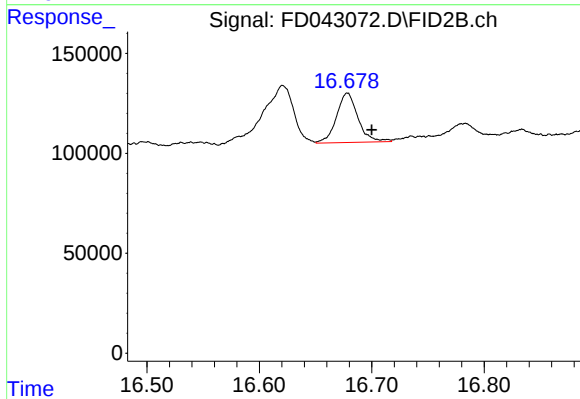
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.302 min
Delta R.T.: -0.018 min
Response: 627761
Conc: 4.12 ug/ml



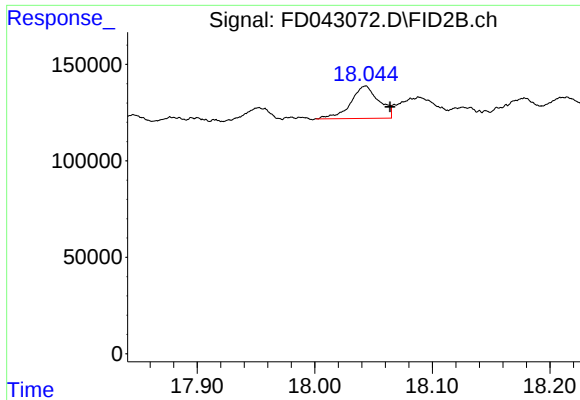
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.302 min
Delta R.T.: -0.048 min
Response: 627761
Conc: 4.29 ug/ml



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

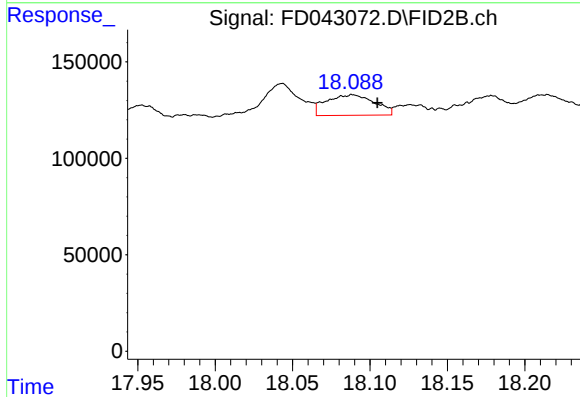
R.T.: 16.678 min
Delta R.T.: -0.022 min
Response: 328197
Conc: 2.29 ug/ml



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

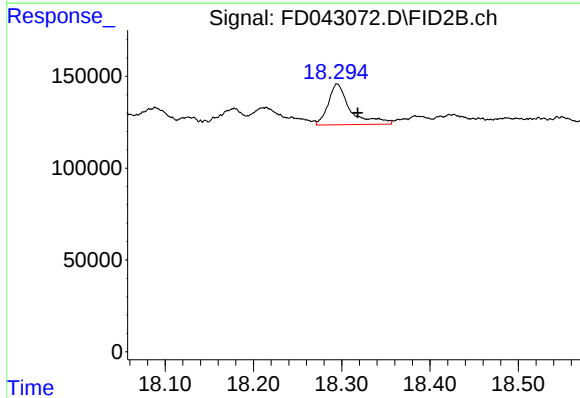
R.T.: 18.043 min
Delta R.T.: -0.021 min
Response: 279453
Conc: 2.23 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.088 min
Delta R.T.: -0.016 min
Response: 230500
Conc: 1.71 ug/ml



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

R.T.: 18.295 min
Delta R.T.: -0.023 min
Response: 387749
Conc: 2.97 ug/ml