

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
 Data File : FD043178.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 16:14
 Operator : YP/AJ
 Sample : N3564-29MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 07 01:55:44 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...	7.633	7592581	49.172 ug/ml
Spiked Amount 50.000		Recovery =	98.34%
6) S 2-Fluorobiphenyl (SURR)	8.500	4885189	46.316 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.63%
11) S ortho-Terphenyl (SURR)	11.551	6503817	35.784 ug/ml
Spiked Amount 50.000		Recovery =	71.57%
Target Compounds			
2) T Naphthalene (C11.7)	5.966	5963248	34.062 ug/ml
3) T 2-Methylnaphthalene (...)	7.021	6701986	41.668 ug/ml
5) T Acenaphthylene (C15.06)	8.301	8505201	47.850 ug/ml
7) T Acenaphthene (C15.5)	8.598	7070450	40.377 ug/ml
8) T Fluorene (C16.55)	9.383	8282005	47.779 ug/ml
9) T Phenanthrene (C19.36)	10.787	11549736	67.341 ug/ml
10) T Anthracene (C19.43)	10.861	8063630	47.463 ug/ml
12) T Fluoranthene (C21.85)	12.614	8734767	52.081 ug/ml
13) T Pyrene (C20.8)	12.912	7012360	43.029 ug/ml
14) T Benzo[a]anthracene (C...	14.743	7085863	45.627 ug/ml
15) T Chrysene (C27.41)	14.795	16451398	104.235 ug/ml
16) T benzo[b]fluoranthene ...	16.354	13936777	91.427 ug/ml
17) T Bnezo[k]fluoranthene ...	16.354	13936777	95.222 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.733	9886616	69.121 ug/ml
20) T Dibenz[a,h]anthracene...	18.093	4714109	35.065 ug/ml
21) T Benzo[g,h,i]perylene ...	18.354	7411006	56.820 ug/ml

(f)=RT Delta > 1/2 Window

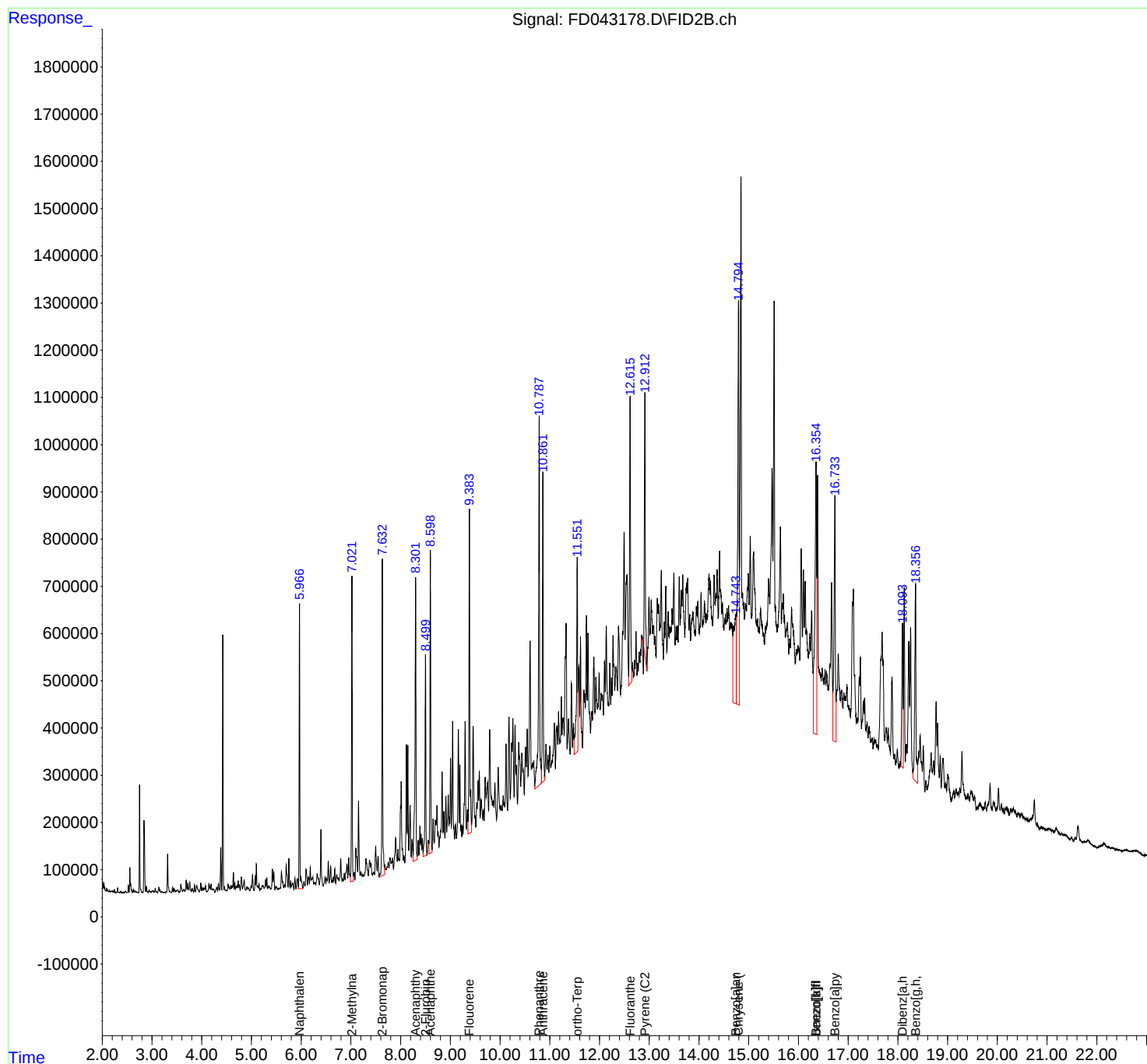
(m)=manual int.

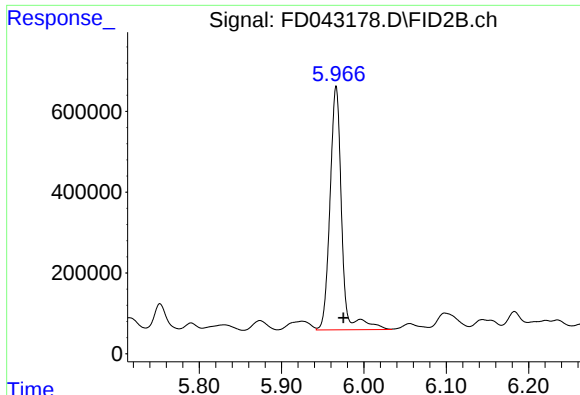
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

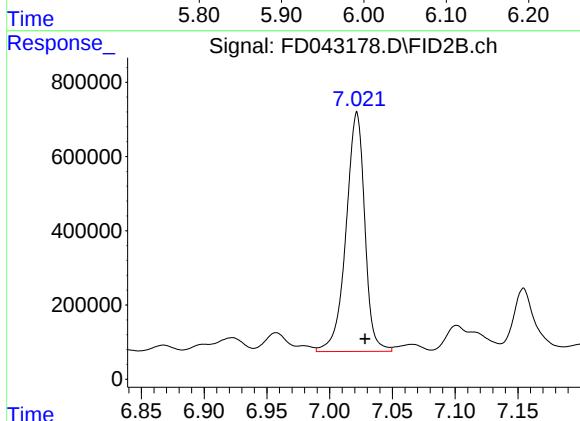




#2 Naphthalene (C11.7)

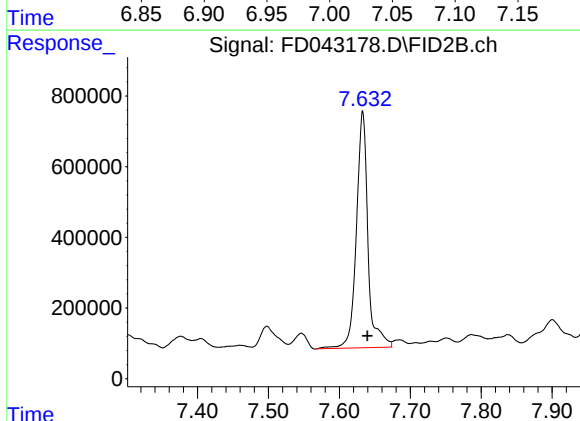
R.T.: 5.966 min
Delta R.T.: -0.009 min
Response: 5963248
Conc: 34.06 ug/ml

Instrument :
FID_D
ClientSampleId :



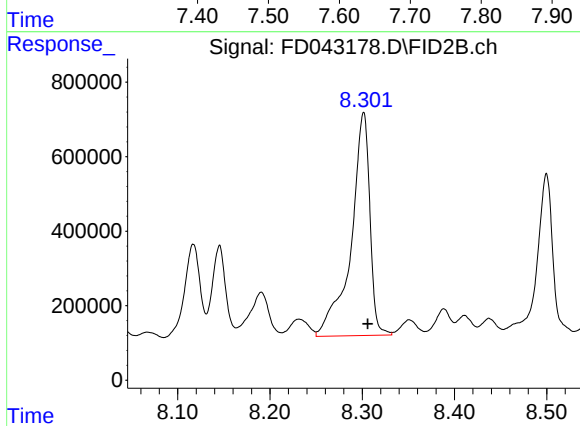
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: -0.007 min
Response: 6701986
Conc: 41.67 ug/ml



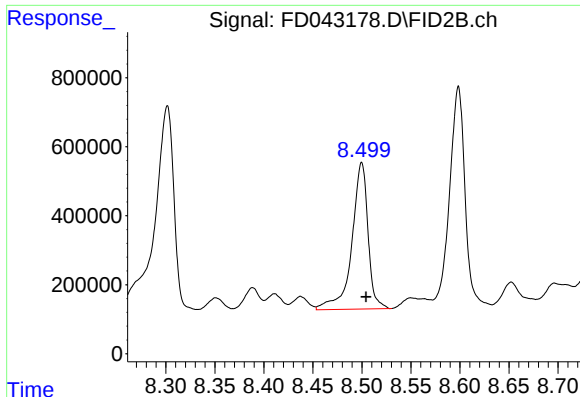
#4 2-Bromonaphthalene (SURR)

R.T.: 7.633 min
Delta R.T.: -0.007 min
Response: 7592581
Conc: 49.17 ug/ml



#5 Acenaphthylene (C15.06)

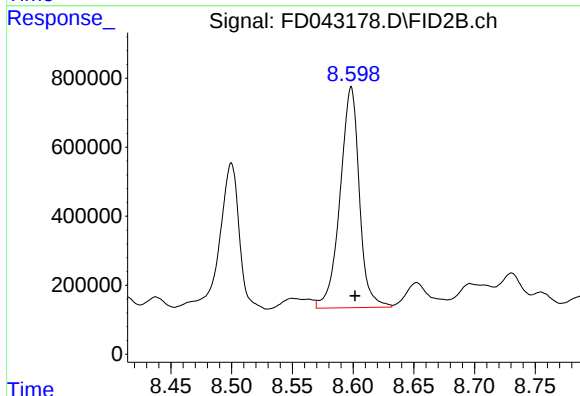
R.T.: 8.301 min
Delta R.T.: -0.005 min
Response: 8505201
Conc: 47.85 ug/ml



#6 2-Fluorobiphenyl (SURR)

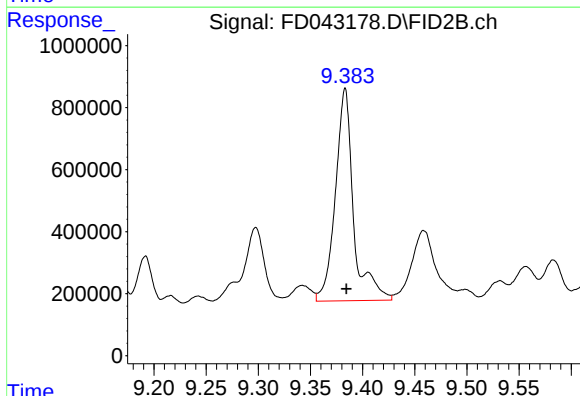
R.T.: 8.500 min
Delta R.T.: -0.005 min
Response: 4885189
Conc: 46.32 ug/ml

Instrument :
FID_D
ClientSampleId :



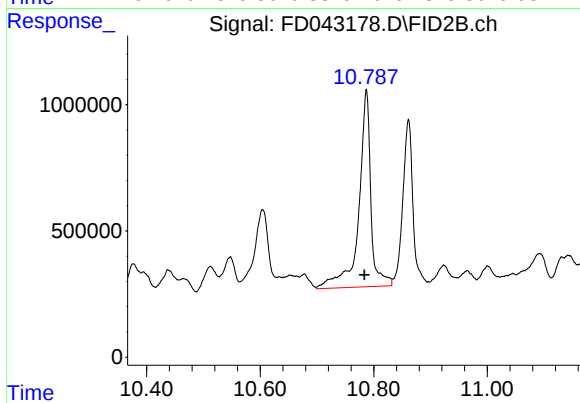
#7 Acenaphthene (C15.5)

R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 7070450
Conc: 40.38 ug/ml



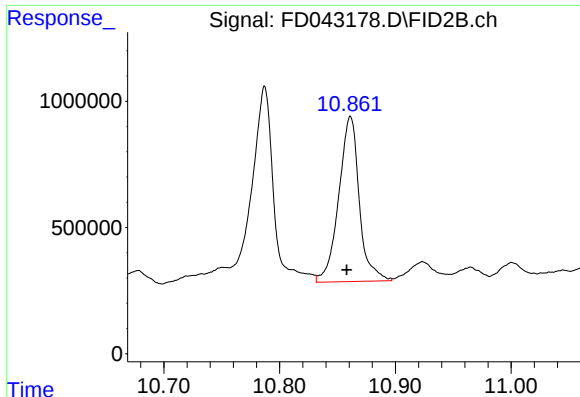
#8 Flouorene (C16.55)

R.T.: 9.383 min
Delta R.T.: -0.002 min
Response: 8282005
Conc: 47.78 ug/ml



#9 Phenanthrene (C19.36)

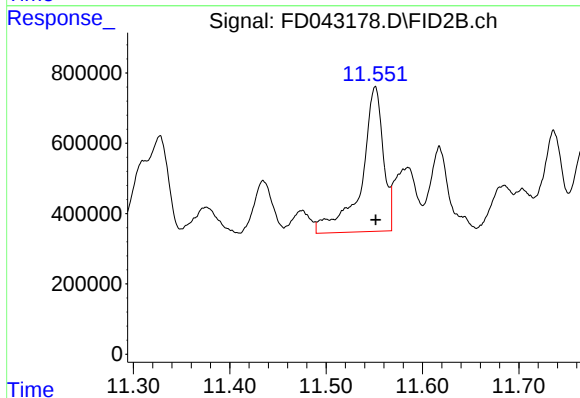
R.T.: 10.787 min
Delta R.T.: 0.003 min
Response: 11549736
Conc: 67.34 ug/ml



#10 Anthracene (C19.43)

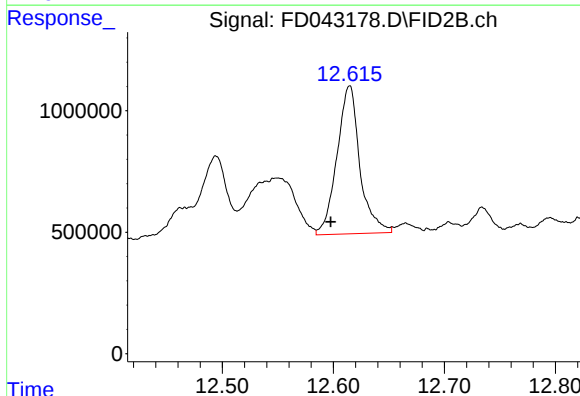
R.T.: 10.861 min
Delta R.T.: 0.003 min
Response: 8063630
Conc: 47.46 ug/ml

Instrument :
FID_D
ClientSampleId :



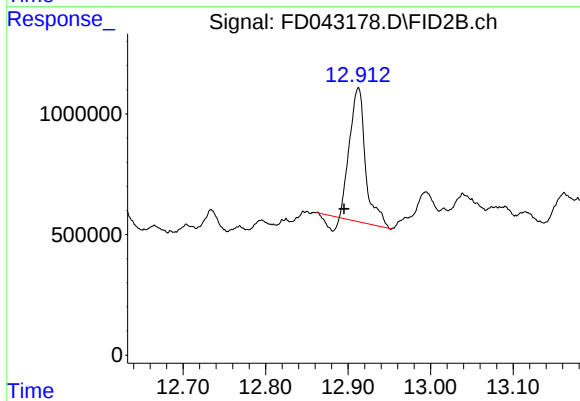
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.000 min
Response: 6503817
Conc: 35.78 ug/ml



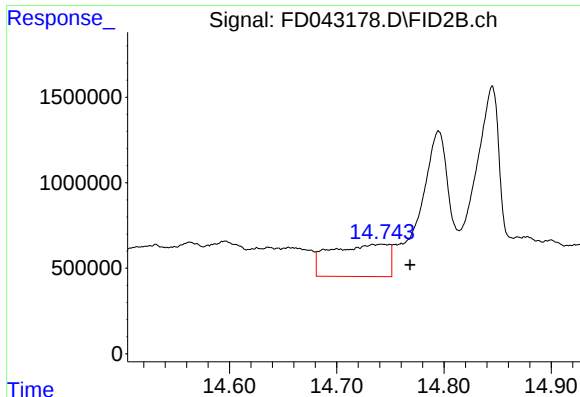
#12 Fluoranthene (C21.85)

R.T.: 12.614 min
Delta R.T.: 0.017 min
Response: 8734767
Conc: 52.08 ug/ml



#13 Pyrene (C20.8)

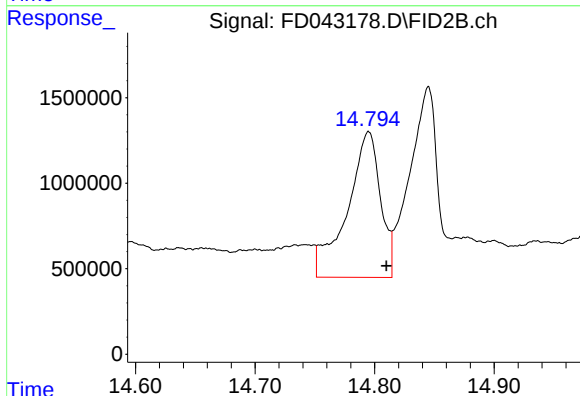
R.T.: 12.912 min
Delta R.T.: 0.017 min
Response: 7012360
Conc: 43.03 ug/ml



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

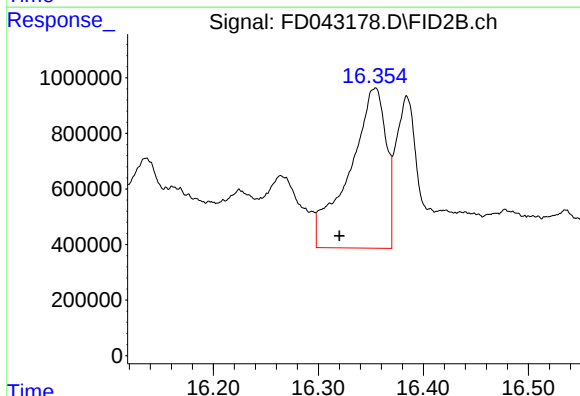
R.T.: 14.743 min
Delta R.T.: -0.026 min
Response: 7085863
Conc: 45.63 ug/ml

Instrument :
FID_D
ClientSampleId :



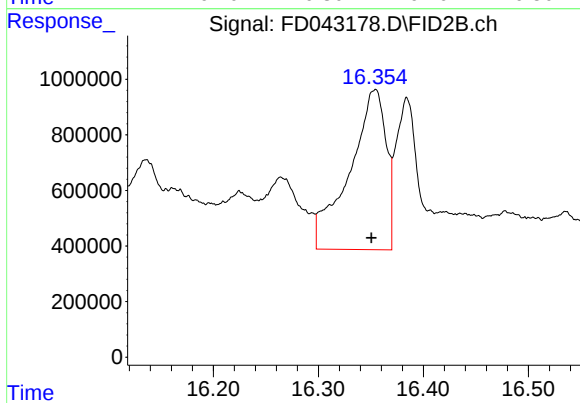
#15 Chrysene (C27.41)

R.T.: 14.795 min
Delta R.T.: -0.015 min
Response: 16451398
Conc: 104.23 ug/ml



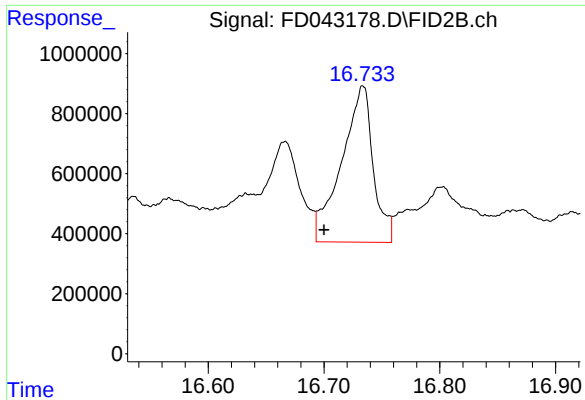
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.354 min
Delta R.T.: 0.034 min
Response: 13936777
Conc: 91.43 ug/ml



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

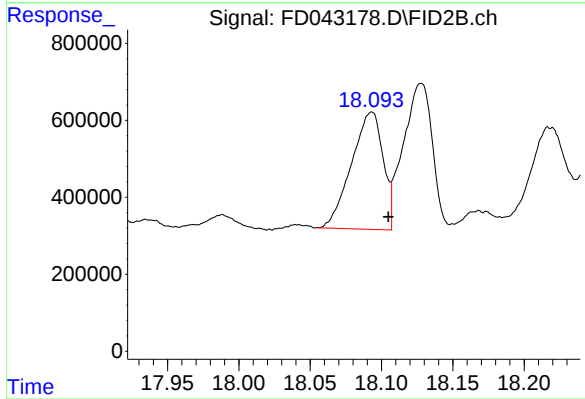
R.T.: 16.354 min
Delta R.T.: 0.003 min
Response: 13936777
Conc: 95.22 ug/ml



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

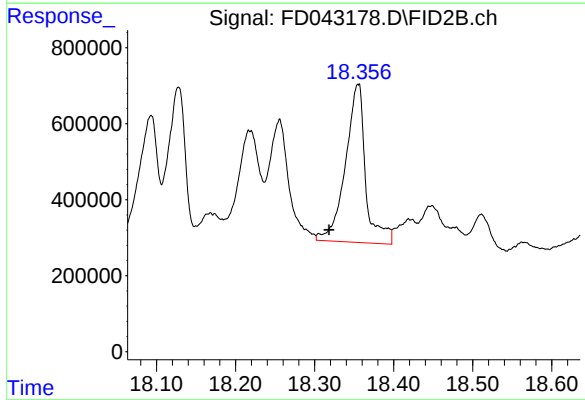
R.T.: 16.733 min
Delta R.T.: 0.033 min
Response: 9886616
Conc: 69.12 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.093 min
Delta R.T.: -0.012 min
Response: 4714109
Conc: 35.07 ug/ml



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

R.T.: 18.354 min
Delta R.T.: 0.036 min
Response: 7411006
Conc: 56.82 ug/ml