

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047651.D
 Signal(s) : FID2B.ch
 Acq On : 07 May 2024 16:03
 Operator : YP/AJ
 Sample : P2391-04
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 08 03:32:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 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...	7.469	33477112	213.463 ug/ml
Spiked Amount 50.000		Recovery	= 426.93%
6) S 2-Fluorobiphenyl (SURR)	8.344	57346356	548.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery	= 1096.46%#
11) S ortho-Terphenyl (SURR)	11.391	139347859	743.055 ug/ml
Spiked Amount 50.000		Recovery	= 1486.11%
Target Compounds			
2) T Naphthalene (C11.7)	5.764	438736	2.593 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	10695249	62.787 ug/ml
5) T Acenaphthylene (C15.06)	8.111	27379464	167.885 ug/ml
7) T Acenaphthene (C15.5)	8.437	86812816	516.448 ug/ml
8) T Flouorene (C16.55)	9.163	147554718	887.050 ug/ml
9) T Phenanthrene (C19.36)	10.546	960334461	5865.799 ug/ml
10) T Anthracene (C19.43)	10.695	222489460	1485.394 ug/ml
12) T Fluoranthene (C21.85)	12.417	233518019	1407.298 ug/ml
13) T Pyrene (C20.8)	12.676	47259059	290.449 ug/ml
14) T Benzo[a]anthracene (C...	14.537	70547086	483.289 ug/ml
15) T Chrysene (C27.41)	14.572	61419250	389.753 ug/ml
16) T benzo[b]fluoranthene ...	16.059	41841659	280.144 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	21722516	144.286 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	47420606	328.643 ug/ml

(f)=RT Delta > 1/2 Window

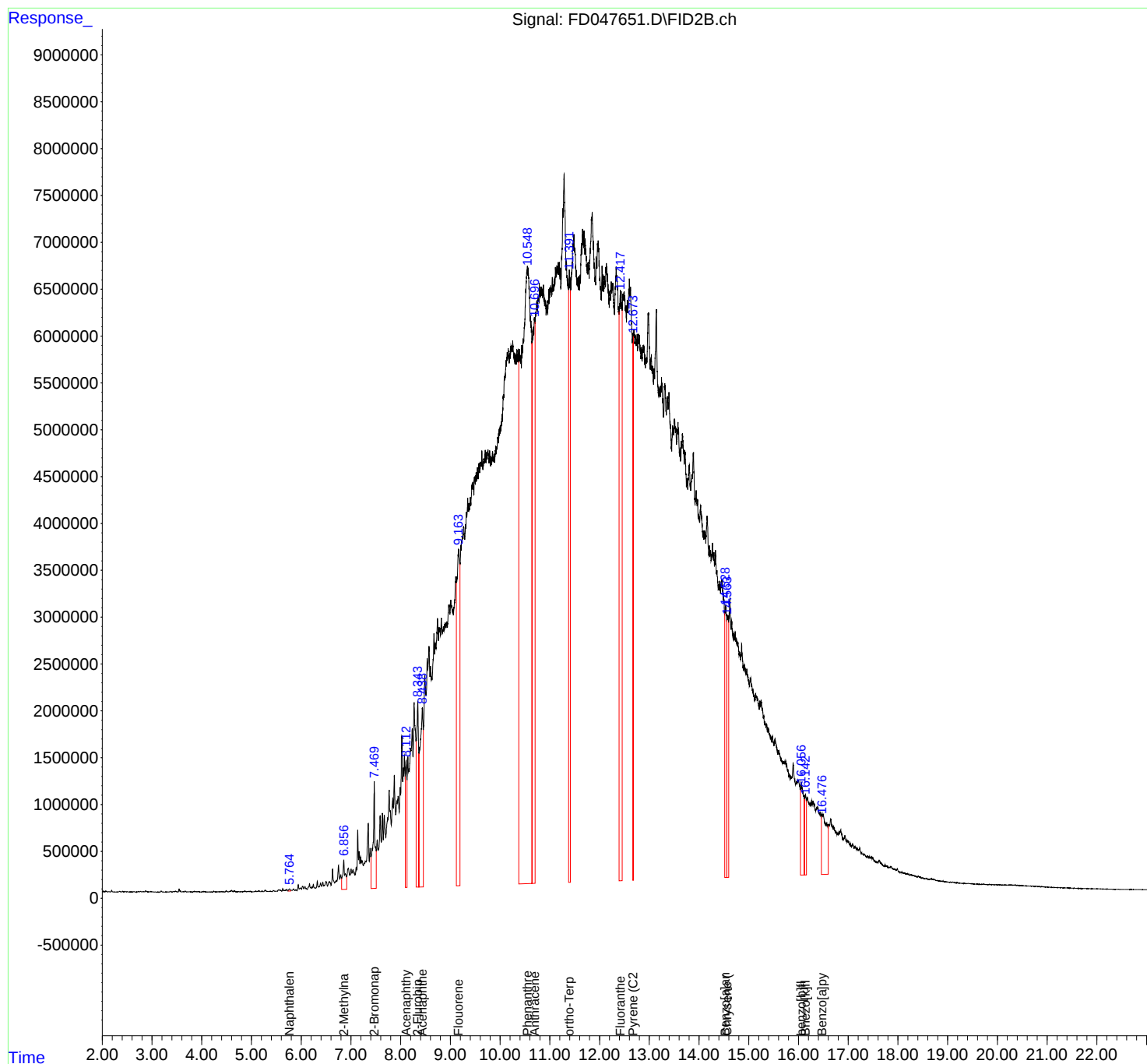
(m)=manual int.

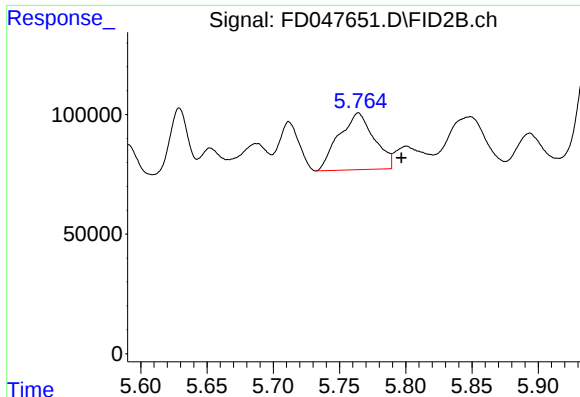
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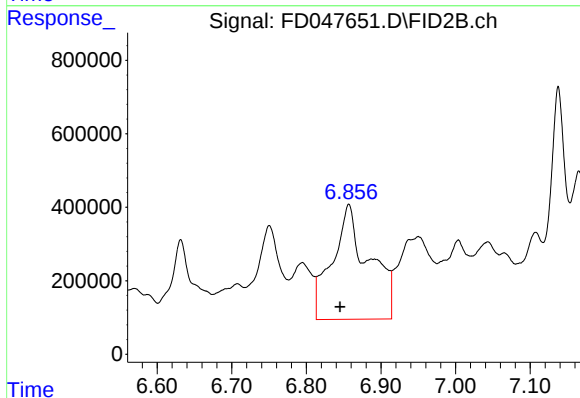




#2 Naphthalene (C11.7)

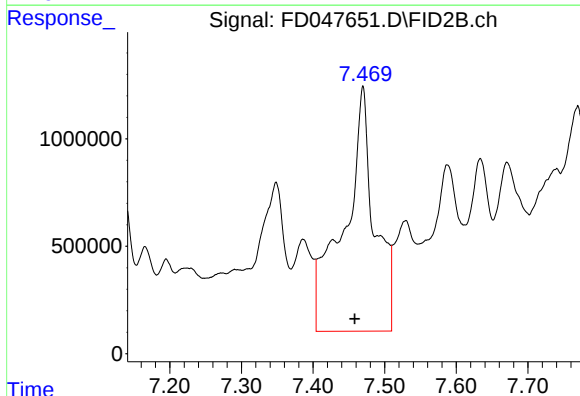
R.T.: 5.764 min
Delta R.T.: -0.033 min
Response: 438736
Conc: 2.59 ug/ml

Instrument :
FID_D
ClientSampleId :



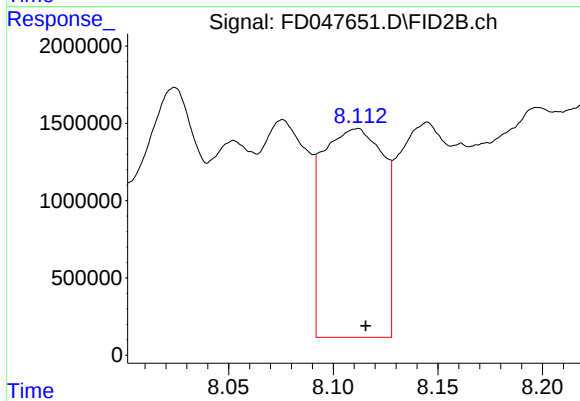
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.011 min
Response: 10695249
Conc: 62.79 ug/ml



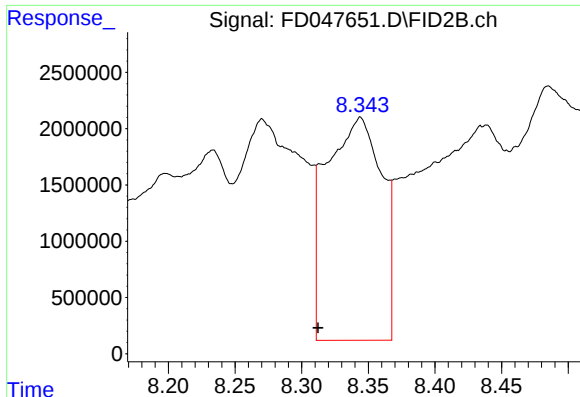
#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.011 min
Response: 33477112
Conc: 213.46 ug/ml



#5 Acenaphthylene (C15.06)

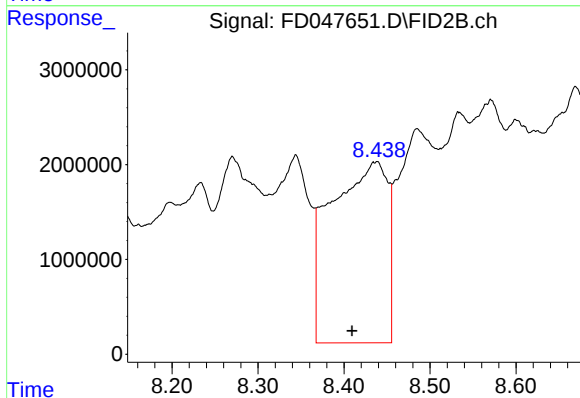
R.T.: 8.111 min
Delta R.T.: -0.005 min
Response: 27379464
Conc: 167.89 ug/ml



#6 2-Fluorobiphenyl (SURR)

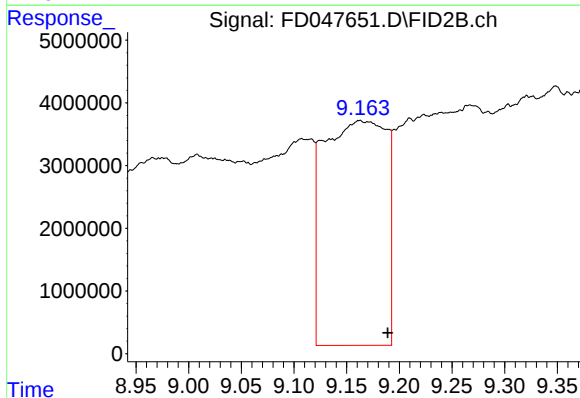
R.T.: 8.344 min
Delta R.T.: 0.031 min
Response: 57346356
Conc: 548.23 ug/ml

Instrument :
FID_D
ClientSampleId :



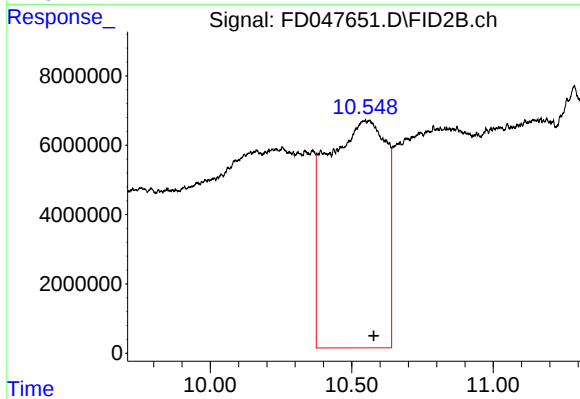
#7 Acenaphthene (C15.5)

R.T.: 8.437 min
Delta R.T.: 0.028 min
Response: 86812816
Conc: 516.45 ug/ml



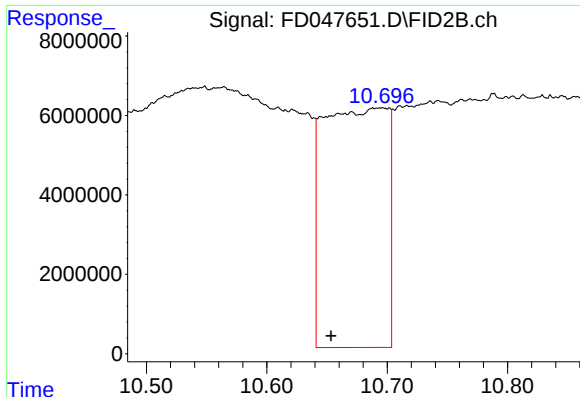
#8 Flouorene (C16.55)

R.T.: 9.163 min
Delta R.T.: -0.026 min
Response: 147554718
Conc: 887.05 ug/ml



#9 Phenanthrene (C19.36)

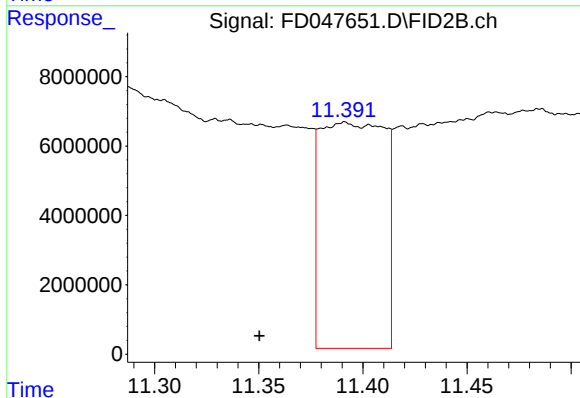
R.T.: 10.546 min
Delta R.T.: -0.032 min
Response: 960334461
Conc: 5865.80 ug/ml



#10 Anthracene (C19.43)

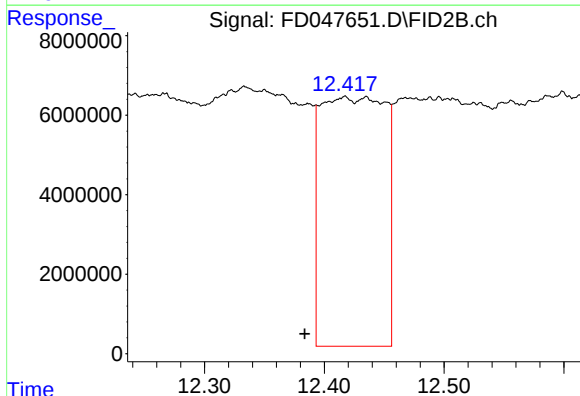
R.T.: 10.695 min
Delta R.T.: 0.042 min
Response: 222489460
Conc: 1485.39 ug/ml

Instrument :
FID_D
ClientSampleId :



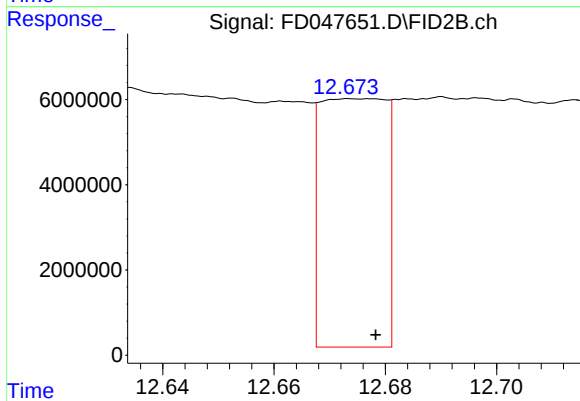
#11 ortho-Terphenyl (SURR)

R.T.: 11.391 min
Delta R.T.: 0.041 min
Response: 139347859
Conc: 743.06 ug/ml



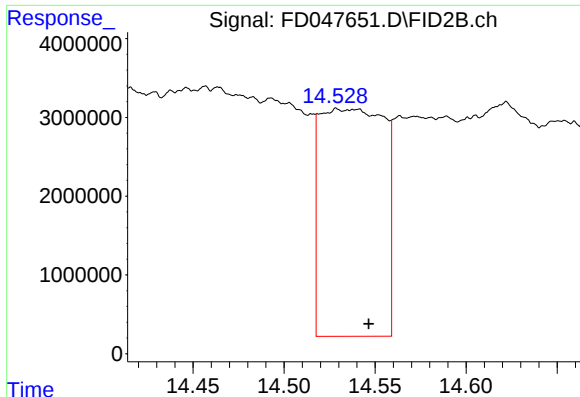
#12 Fluoranthene (C21.85)

R.T.: 12.417 min
Delta R.T.: 0.033 min
Response: 233518019
Conc: 1407.30 ug/ml



#13 Pyrene (C20.8)

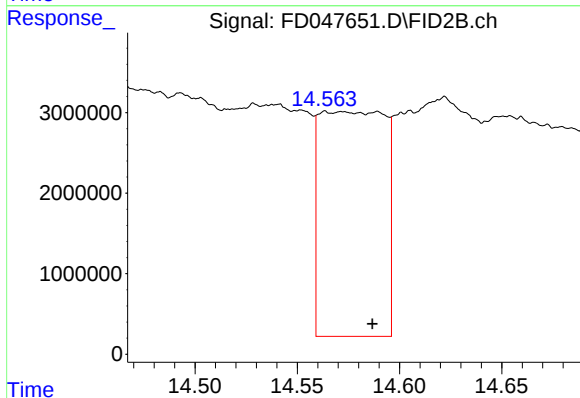
R.T.: 12.676 min
Delta R.T.: -0.002 min
Response: 47259059
Conc: 290.45 ug/ml



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

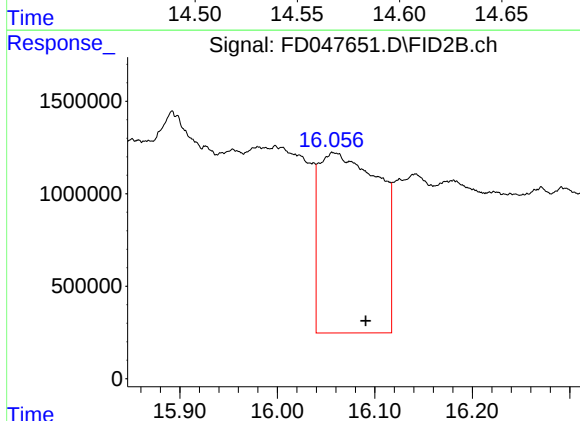
R.T.: 14.537 min
Delta R.T.: -0.009 min
Response: 70547086
Conc: 483.29 ug/ml

Instrument :
FID_D
ClientSampleId :



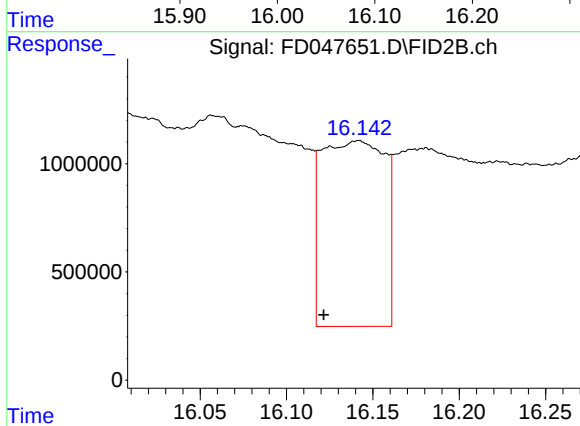
#15 Chrysene (C27.41)

R.T.: 14.572 min
Delta R.T.: -0.015 min
Response: 61419250
Conc: 389.75 ug/ml



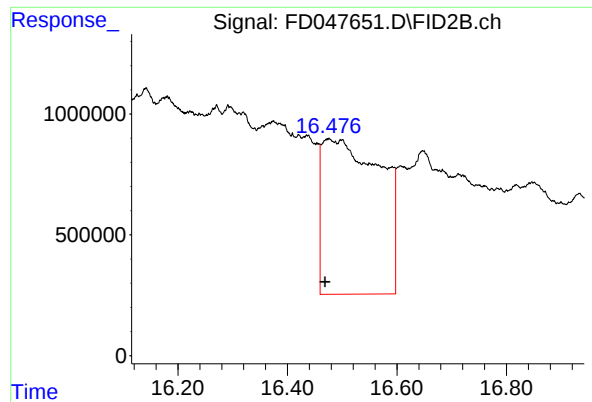
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.059 min
Delta R.T.: -0.032 min
Response: 41841659
Conc: 280.14 ug/ml



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

R.T.: 16.141 min
Delta R.T.: 0.020 min
Response: 21722516
Conc: 144.29 ug/ml



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

R.T.: 16.475 min
Delta R.T.: 0.006 min
Response: 47420606
Conc: 328.64 ug/ml

Instrument :
FID_D
ClientSampleId :