

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045092.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 12:44
 Operator : YP/AJ
 Sample : 01605-01DL 2X
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 14:20:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 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...	7.555	3193420	21.774 ug/ml
Spiked Amount 50.000		Recovery =	43.55%
6) S 2-Fluorobiphenyl (SURR)	8.411	2257314	22.616 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.23%
11) S ortho-Terphenyl (SURR)	11.453	3360359	18.080 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.938	114188	0.666 ug/ml
5) T Acenaphthylene (C15.06)	8.210	277466	1.766 ug/ml
7) T Acenaphthene (C15.5)	8.528	212636	1.279 ug/ml
8) T Flouorene (C16.55)	9.285	180163	1.098 ug/ml
9) T Phenanthrene (C19.36)	10.679	388999	2.406 ug/ml
10) T Anthracene (C19.43)	10.773	479512	3.235 ug/ml
12) T Fluoranthene (C21.85)	12.484	358598	2.241 ug/ml
13) T Pyrene (C20.8)	12.779	189100	1.205 ug/ml
14) T Benzo[a]anthracene (C...	14.641	91653	0.642 ug/ml
15) T Chrysene (C27.41)	14.682	90176	0.609 ug/ml
16) T benzo[b]fluoranthene ...	16.184	66458	0.458 ug/ml
17) T Bnezo[k]fluoranthene ...	16.184	66458	0.466 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	72966	0.522 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.917	44174	0.328 ug/ml
20) T Dibenz[a,h]anthracene...	17.917	44174	0.333 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	58407	0.430 ug/ml

(f)=RT Delta > 1/2 Window

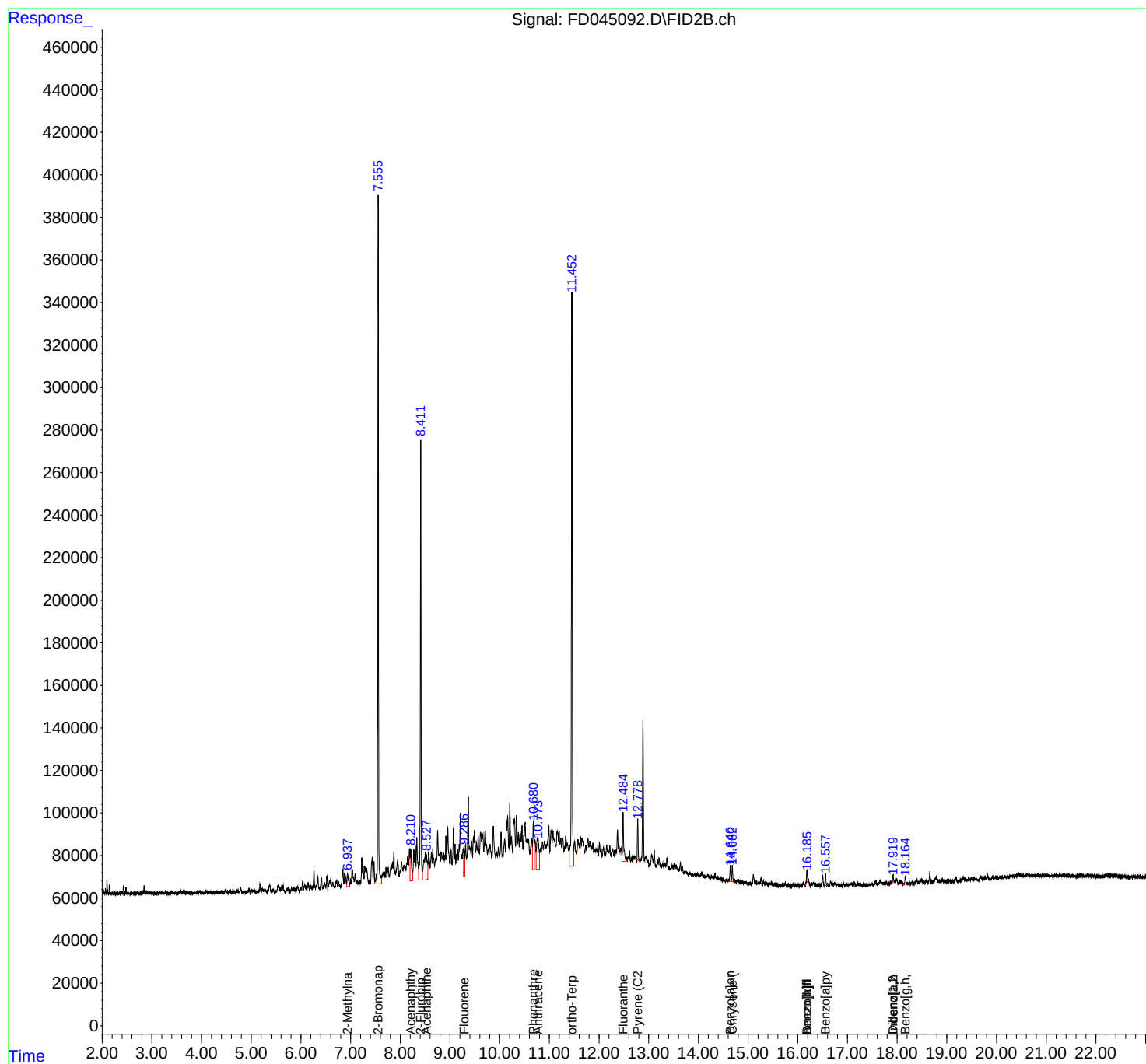
(m)=manual int.

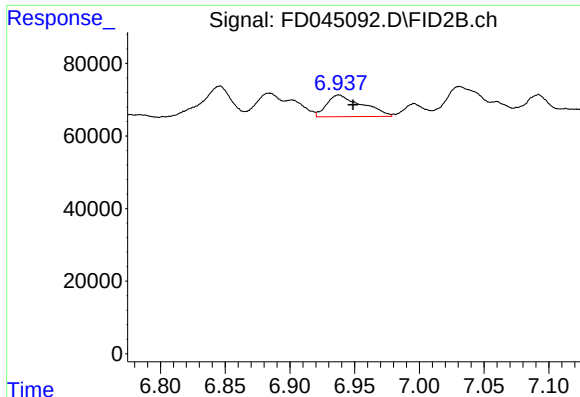
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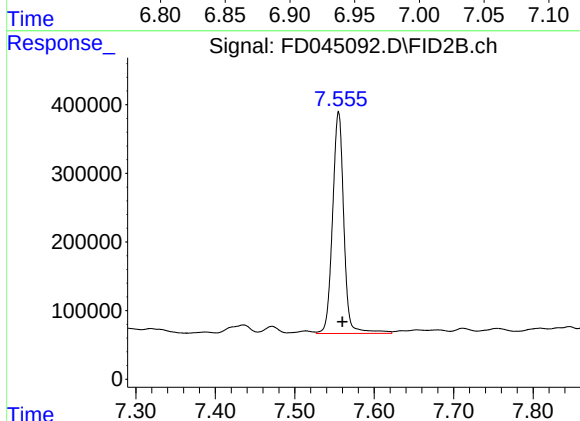




#3 2-Methylnaphthalene (C12.89)

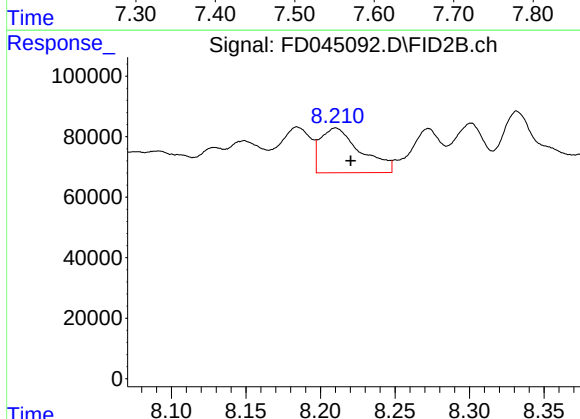
R.T.: 6.938 min
Delta R.T.: -0.011 min
Response: 114188
Conc: 0.67 ug/ml

Instrument :
FID_D
ClientSampleId :



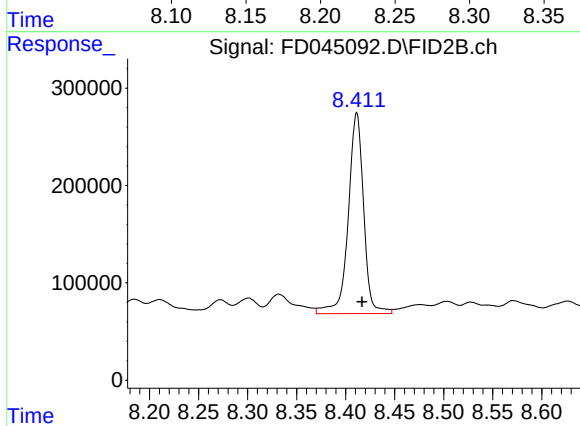
#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 3193420
Conc: 21.77 ug/ml



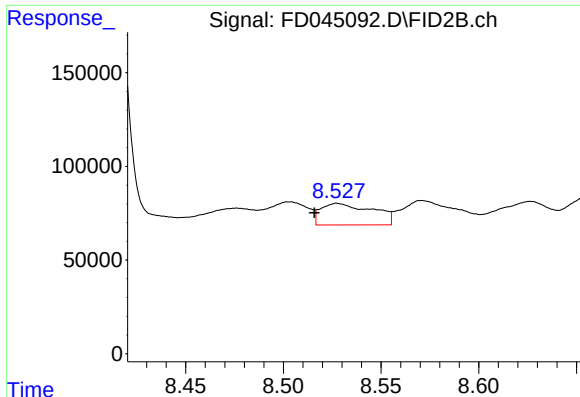
#5 Acenaphthylene (C15.06)

R.T.: 8.210 min
Delta R.T.: -0.010 min
Response: 277466
Conc: 1.77 ug/ml



#6 2-Fluorobiphenyl (SURR)

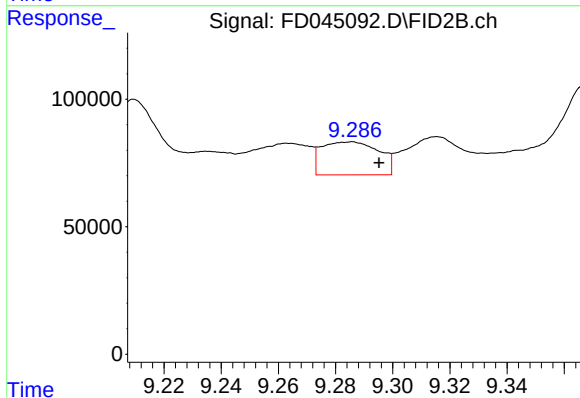
R.T.: 8.411 min
Delta R.T.: -0.005 min
Response: 2257314
Conc: 22.62 ug/ml



#7 Acenaphthene (C15.5)

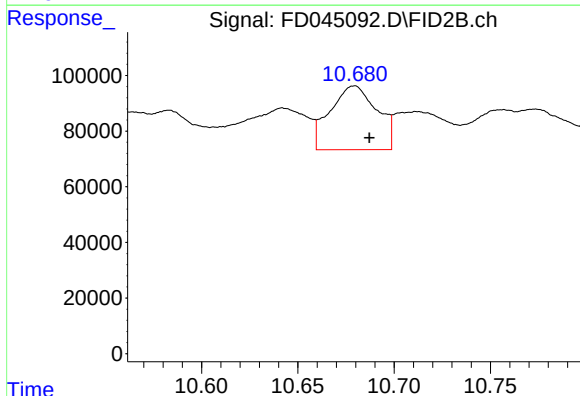
R.T.: 8.528 min
Delta R.T.: 0.012 min
Response: 212636
Conc: 1.28 ug/ml

Instrument :
FID_D
ClientSampleId :



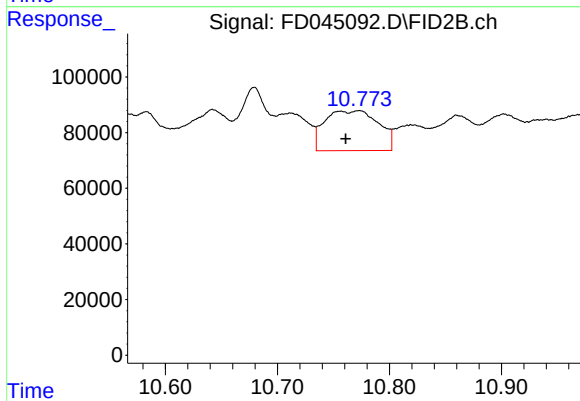
#8 Flouorene (C16.55)

R.T.: 9.285 min
Delta R.T.: -0.011 min
Response: 180163
Conc: 1.10 ug/ml



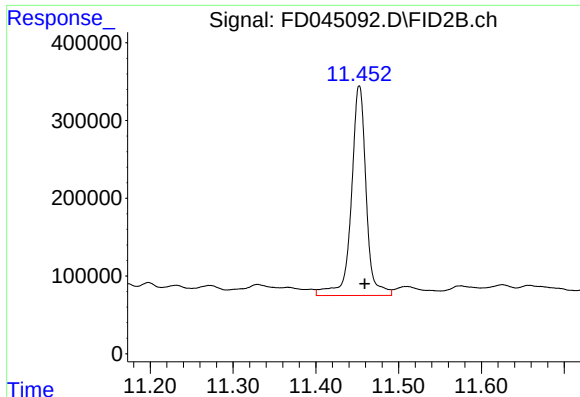
#9 Phenanthrene (C19.36)

R.T.: 10.679 min
Delta R.T.: -0.008 min
Response: 388999
Conc: 2.41 ug/ml



#10 Anthracene (C19.43)

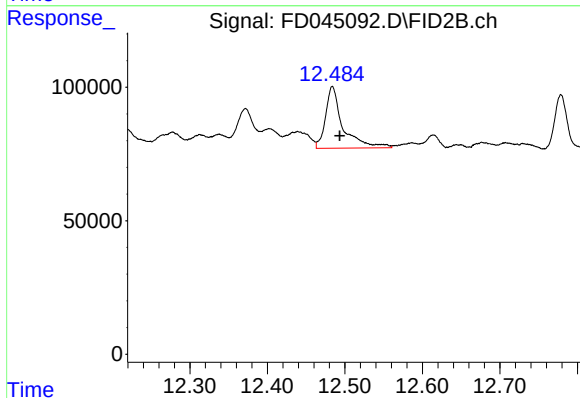
R.T.: 10.773 min
Delta R.T.: 0.012 min
Response: 479512
Conc: 3.23 ug/ml



#11 ortho-Terphenyl (SURR)

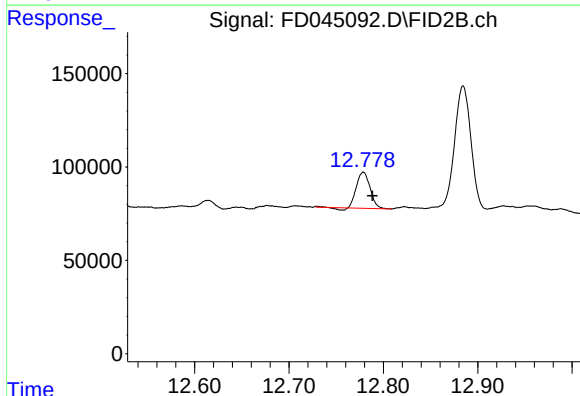
R.T.: 11.453 min
Delta R.T.: -0.007 min
Response: 3360359
Conc: 18.08 ug/ml

Instrument :
FID_D
ClientSampleId :



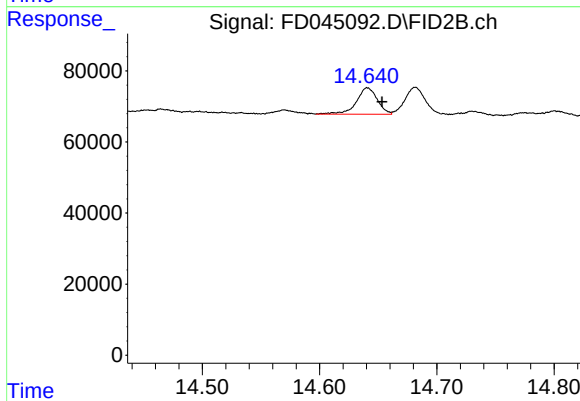
#12 Fluoranthene (C21.85)

R.T.: 12.484 min
Delta R.T.: -0.009 min
Response: 358598
Conc: 2.24 ug/ml



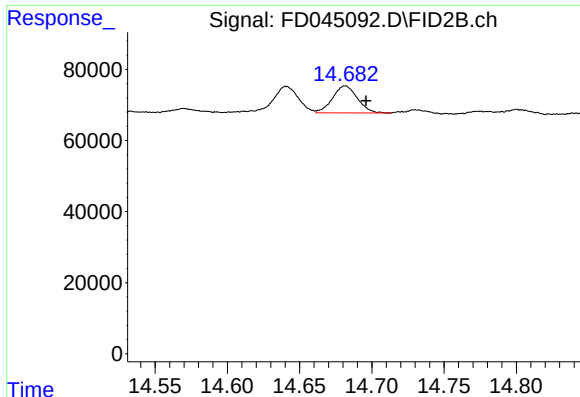
#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: -0.010 min
Response: 189100
Conc: 1.21 ug/ml



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

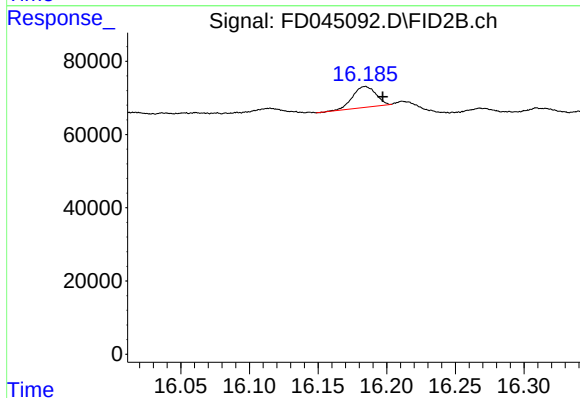
R.T.: 14.641 min
Delta R.T.: -0.012 min
Response: 91653
Conc: 0.64 ug/ml



#15 Chrysene (C27.41)

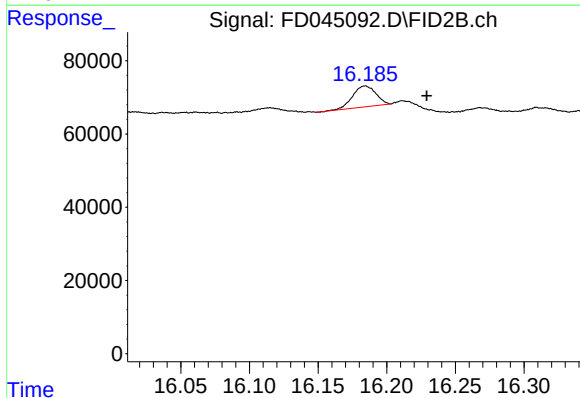
R.T.: 14.682 min
Delta R.T.: -0.015 min
Response: 90176
Conc: 0.61 ug/ml

Instrument :
FID_D
ClientSampleId :



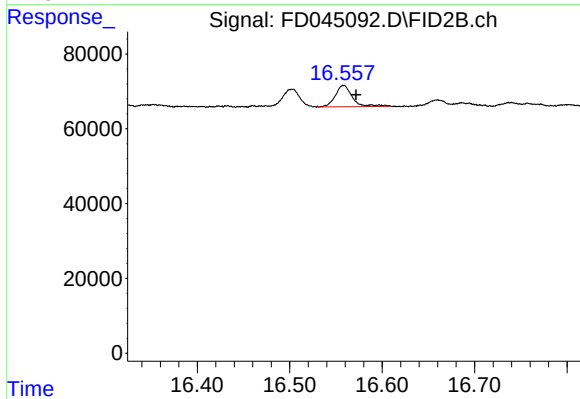
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.184 min
Delta R.T.: -0.013 min
Response: 66458
Conc: 0.46 ug/ml



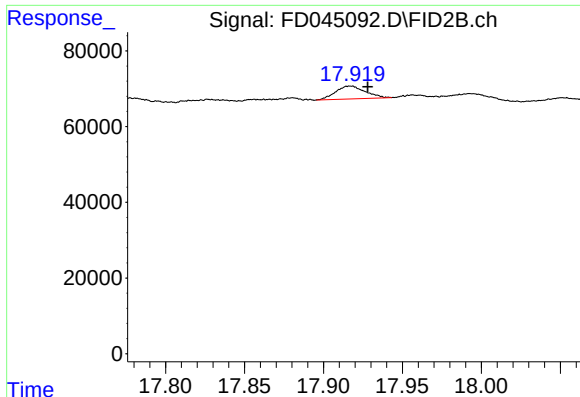
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.184 min
Delta R.T.: -0.045 min
Response: 66458
Conc: 0.47 ug/ml



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

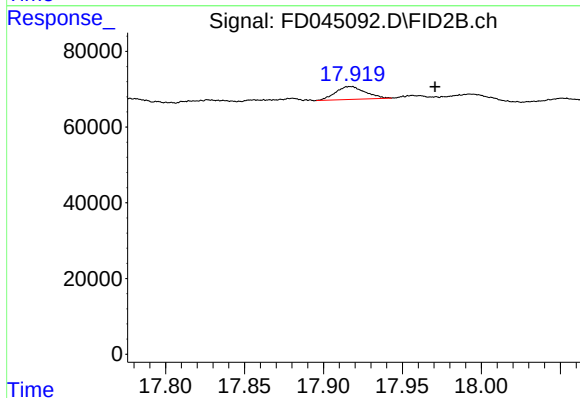
R.T.: 16.558 min
Delta R.T.: -0.013 min
Response: 72966
Conc: 0.52 ug/ml



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

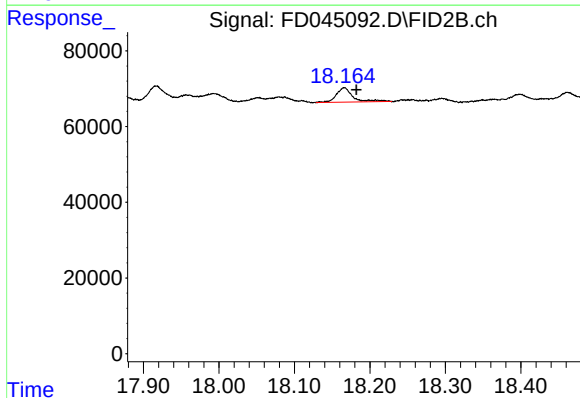
R.T.: 17.917 min
Delta R.T.: -0.011 min
Response: 44174
Conc: 0.33 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.917 min
Delta R.T.: -0.054 min
Response: 44174
Conc: 0.33 ug/ml



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

R.T.: 18.166 min
Delta R.T.: -0.016 min
Response: 58407
Conc: 0.43 ug/ml