

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048237.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2024 18:20
 Operator : YP/AJ
 Sample : P3732-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 30 02:59:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.393	2692926	18.042 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
6) S 2-Fluorobiphenyl (SURR)	8.245	1158856	12.107 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	24.21%
11) S ortho-Terphenyl (SURR)	11.280	4475332	26.568 ug/ml
Spiked Amount 50.000		Recovery =	53.14%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.797	52149	0.300 ug/ml
5) T Acenaphthylene (C15.06)	8.049	678481	3.940 ug/ml
7) T Acenaphthene (C15.5)	8.345	48598	0.281 ug/ml
8) T Flouorene (C16.55)	9.138	87557	0.531 ug/ml
9) T Phenanthrene (C19.36)	10.507	827568	5.171 ug/ml
10) T Anthracene (C19.43)	10.586	464997	2.964 ug/ml
12) T Fluoranthene (C21.85)	12.309	3551363	22.306 ug/ml
13) T Pyrene (C20.8)	12.602	2815613	17.941 ug/ml
14) T Benzo[a]anthracene (C...	14.471	2513145	17.841 ug/ml
15) T Chrysene (C27.41)	14.510	2970865	18.638 ug/ml
16) T benzo[b]fluoranthene ...	16.021	4402536	29.653 ug/ml
17) T Bnezo[k]fluoranthene ...	16.046	1409539	9.502 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.393	3155527	21.427 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.755	2350517	19.229 ug/ml
20) T Dibenz[a,h]anthracene...	17.794	710707	4.652 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	2067449	13.691 ug/ml

(f)=RT Delta > 1/2 Window

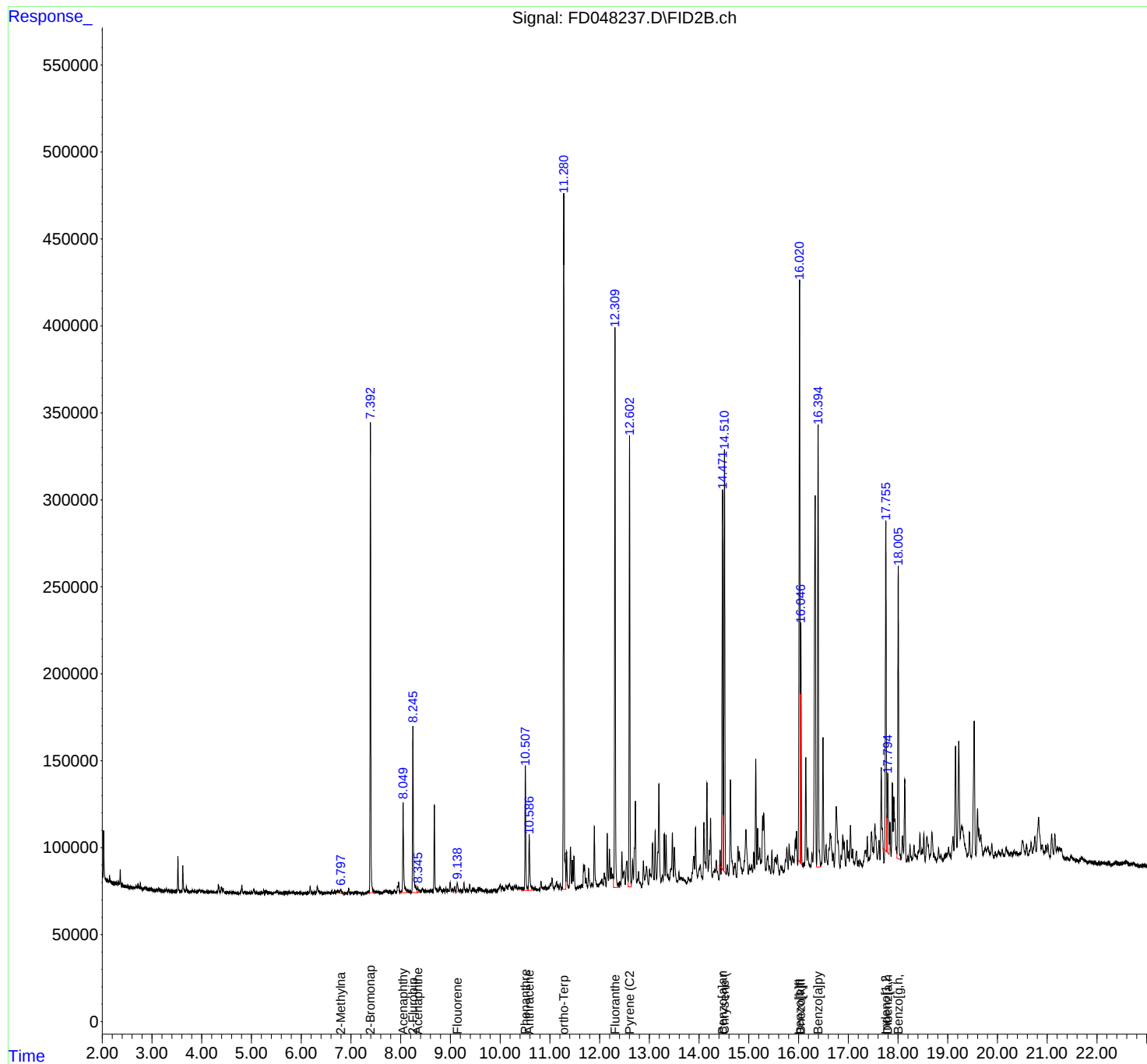
(m)=manual int.

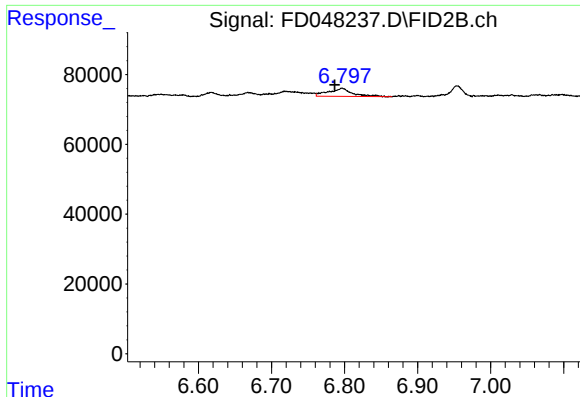
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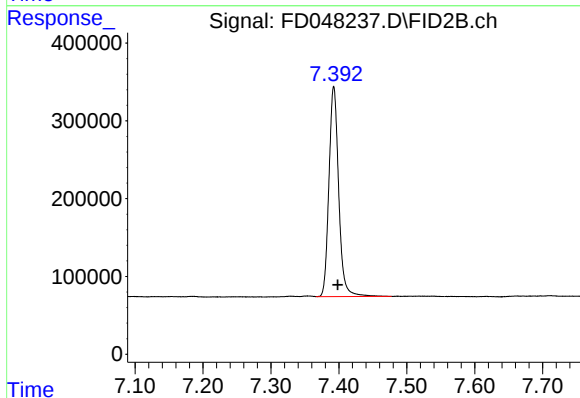




#3 2-Methylnaphthalene (C12.89)

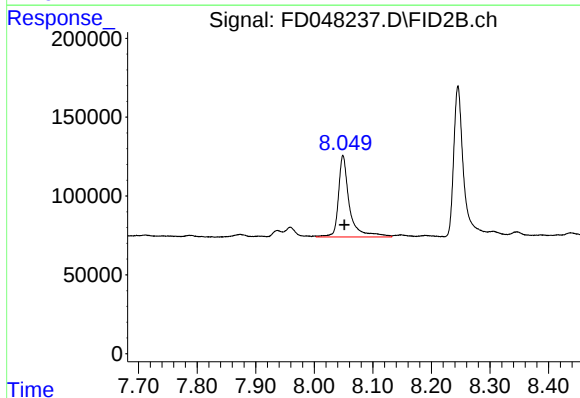
R.T.: 6.797 min
Delta R.T.: 0.010 min
Response: 52149
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



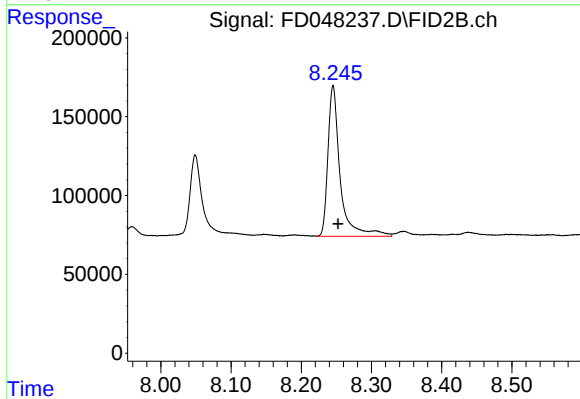
#4 2-Bromonaphthalene (SURR)

R.T.: 7.393 min
Delta R.T.: -0.006 min
Response: 2692926
Conc: 18.04 ug/ml



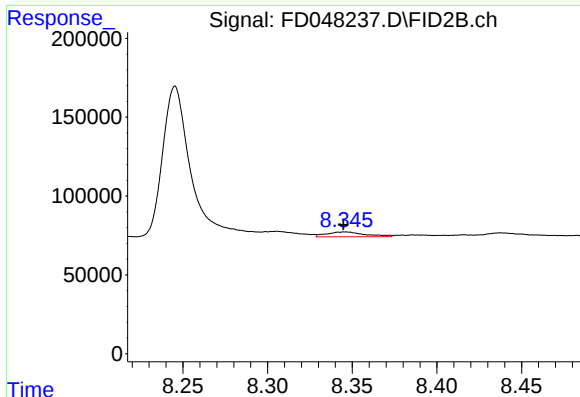
#5 Acenaphthylene (C15.06)

R.T.: 8.049 min
Delta R.T.: -0.002 min
Response: 678481
Conc: 3.94 ug/ml



#6 2-Fluorobiphenyl (SURR)

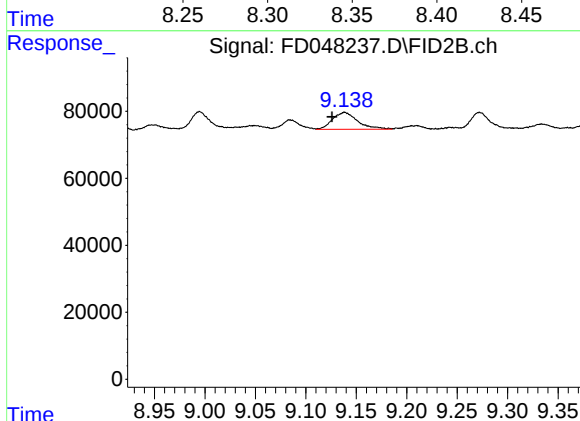
R.T.: 8.245 min
Delta R.T.: -0.007 min
Response: 1158856
Conc: 12.11 ug/ml



#7 Acenaphthene (C15.5)

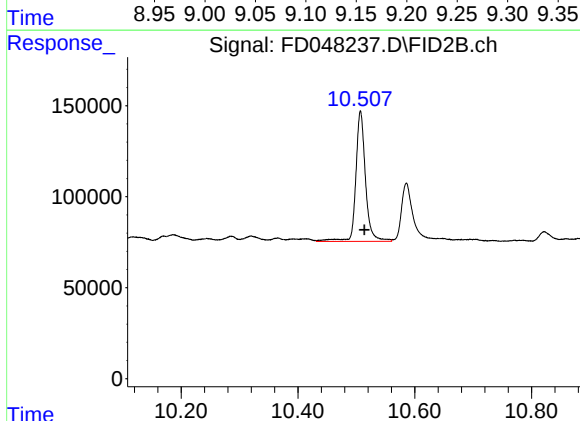
R.T.: 8.345 min
Delta R.T.: 0.000 min
Response: 48598
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



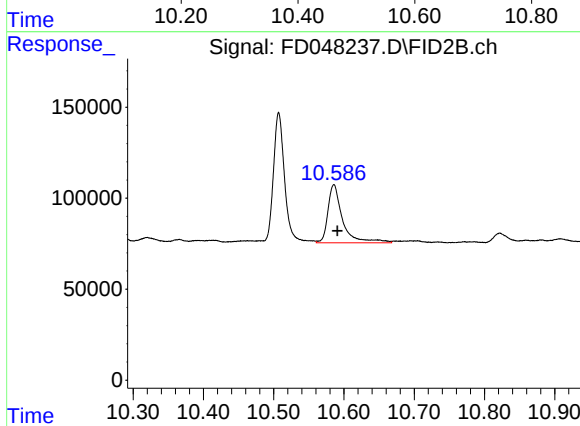
#8 Flouorene (C16.55)

R.T.: 9.138 min
Delta R.T.: 0.012 min
Response: 87557
Conc: 0.53 ug/ml



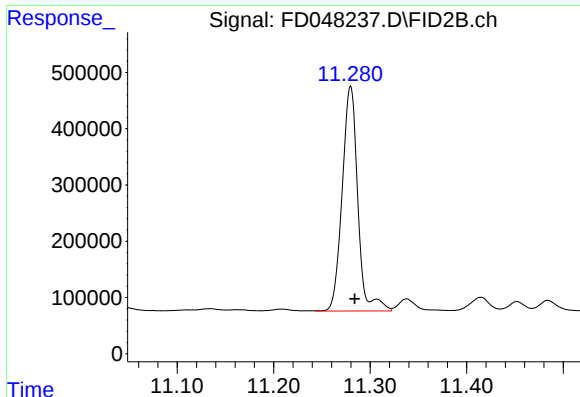
#9 Phenanthrene (C19.36)

R.T.: 10.507 min
Delta R.T.: -0.006 min
Response: 827568
Conc: 5.17 ug/ml



#10 Anthracene (C19.43)

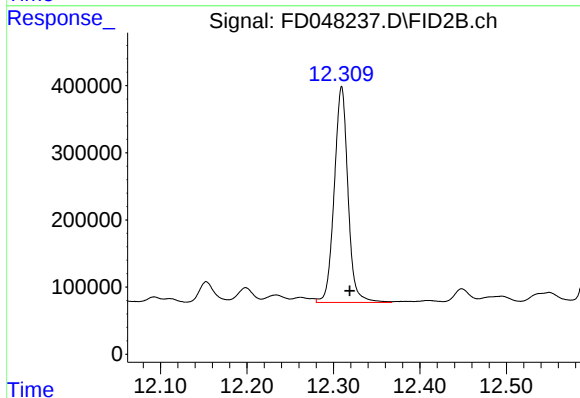
R.T.: 10.586 min
Delta R.T.: -0.005 min
Response: 464997
Conc: 2.96 ug/ml



#11 ortho-Terphenyl (SURR)

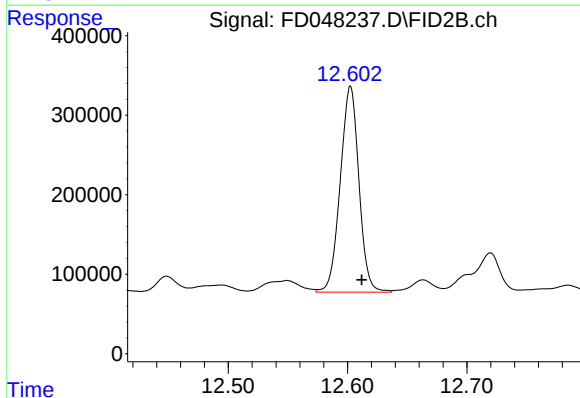
R.T.: 11.280 min
Delta R.T.: -0.004 min
Response: 4475332
Conc: 26.57 ug/ml

Instrument :
FID_D
ClientSampleId :



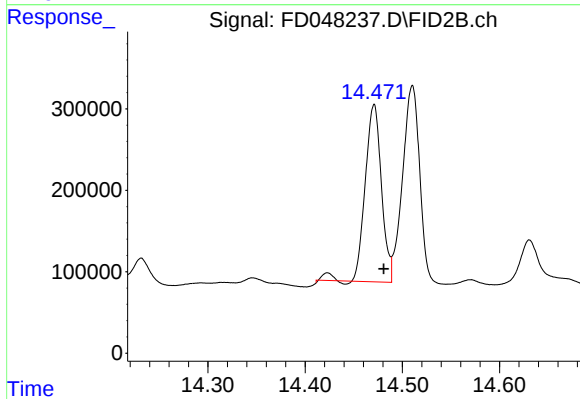
#12 Fluoranthene (C21.85)

R.T.: 12.309 min
Delta R.T.: -0.009 min
Response: 3551363
Conc: 22.31 ug/ml



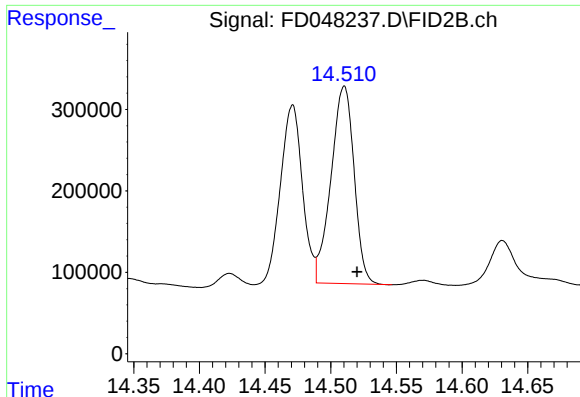
#13 Pyrene (C20.8)

R.T.: 12.602 min
Delta R.T.: -0.010 min
Response: 2815613
Conc: 17.94 ug/ml



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

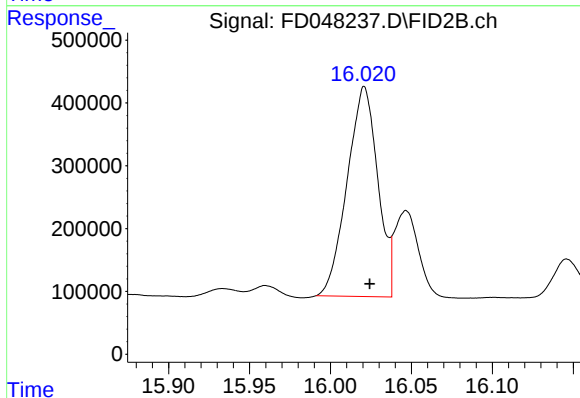
R.T.: 14.471 min
Delta R.T.: -0.010 min
Response: 2513145
Conc: 17.84 ug/ml



#15 Chrysene (C27.41)

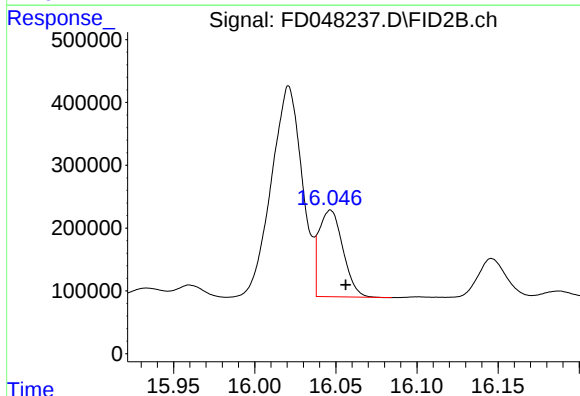
R.T.: 14.510 min
Delta R.T.: -0.010 min
Response: 2970865
Conc: 18.64 ug/ml

Instrument :
FID_D
ClientSampleId :



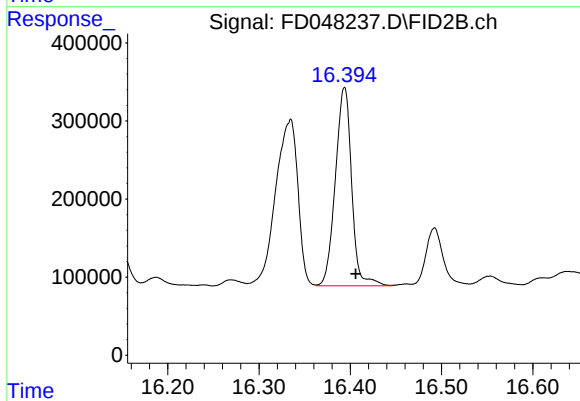
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.021 min
Delta R.T.: -0.004 min
Response: 4402536
Conc: 29.65 ug/ml



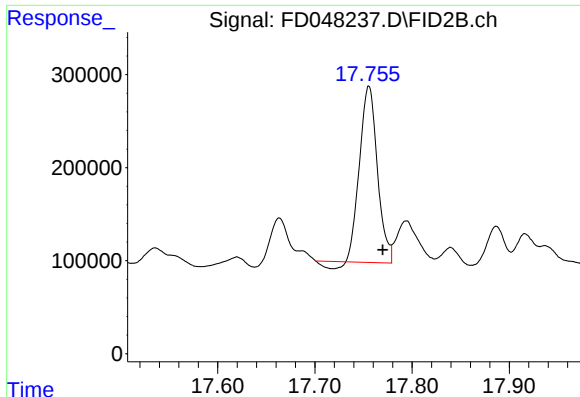
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.046 min
Delta R.T.: -0.010 min
Response: 1409539
Conc: 9.50 ug/ml



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

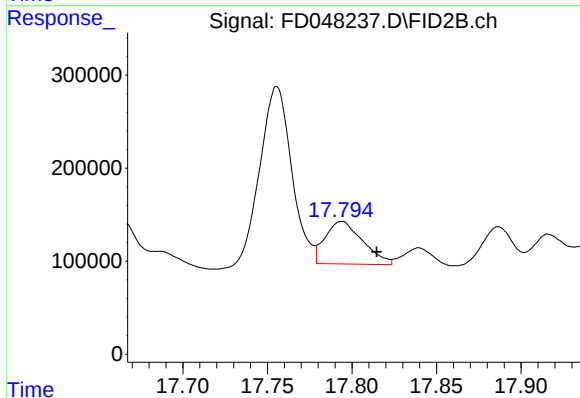
R.T.: 16.393 min
Delta R.T.: -0.013 min
Response: 3155527
Conc: 21.43 ug/ml



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

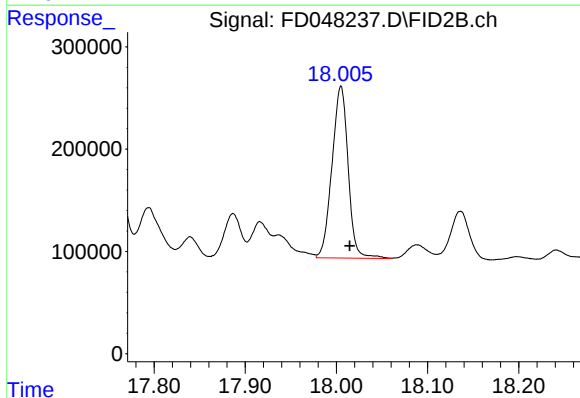
R.T.: 17.755 min
Delta R.T.: -0.014 min
Response: 2350517
Conc: 19.23 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.794 min
Delta R.T.: -0.021 min
Response: 710707
Conc: 4.65 ug/ml



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

R.T.: 18.005 min
Delta R.T.: -0.010 min
Response: 2067449
Conc: 13.69 ug/ml