

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048365.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 21:15
 Operator : YP/AJ
 Sample : P4104-20
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 02:16:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.386	7856251	51.801 ug/ml
Spiked Amount 50.000		Recovery =	103.60%
6) S 2-Fluorobiphenyl (SURR)	8.235	5008772	52.421 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.84%
11) S ortho-Terphenyl (SURR)	11.272	4574407	26.662 ug/ml
Spiked Amount 50.000		Recovery =	53.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	26826	0.152 ug/ml
2) T Naphthalene (C11.7)	5.765	348856	1.929 ug/ml
3) T 2-Methylnaphthalene (...)	6.777	213080	1.191 ug/ml
5) T Acenaphthylene (C15.06)	8.028	266119	1.523 ug/ml
7) T Acenaphthene (C15.5)	8.295	104758	0.589 ug/ml
8) T Flouorene (C16.55)	9.129	103431	0.618 ug/ml
9) T Phenanthrene (C19.36)	10.514	238295	1.476 ug/ml
10) T Anthracene (C19.43)	10.598	201291	1.265 ug/ml
12) T Fluoranthene (C21.85)	12.330	200963	1.240 ug/ml
13) T Pyrene (C20.8)	12.606	117080	0.730 ug/ml
14) T Benzo[a]anthracene (C...	14.528f	37859	0.270 ug/ml
15) T Chrysene (C27.41)	14.528	37859	0.230 ug/ml
16) T benzo[b]fluoranthene ...	15.948f	38342	0.258 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.435	47732	0.323 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.759	128581	1.138 ug/ml
20) T Dibenz[a,h]anthracene...	17.786	77881	0.510 ug/ml
21) T Benzo[g,h,i]perylene ...	18.030	84691	0.575 ug/ml

(f)=RT Delta > 1/2 Window

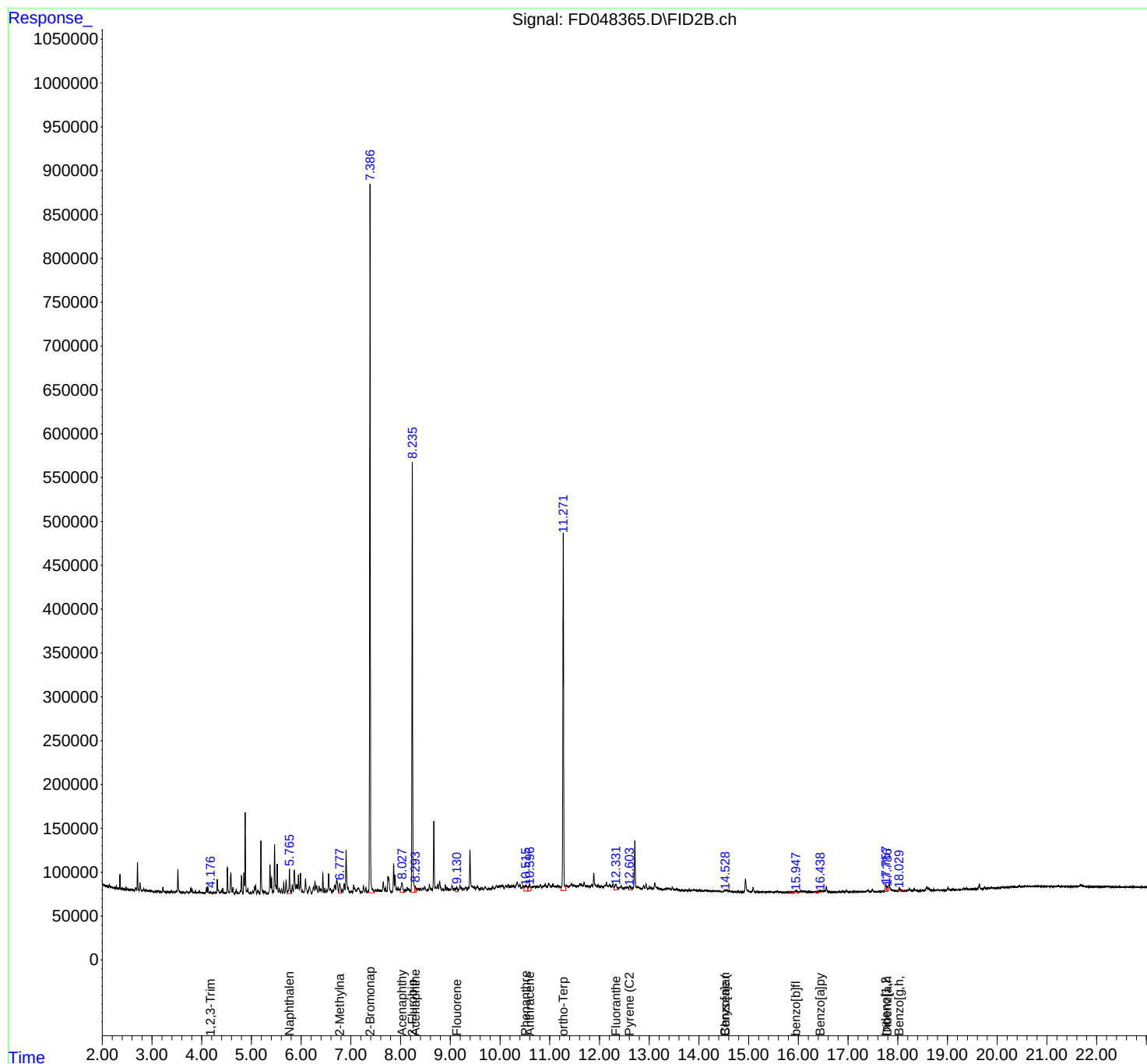
(m)=manual int.

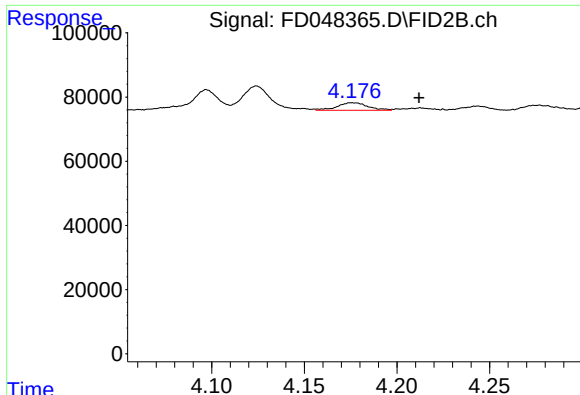
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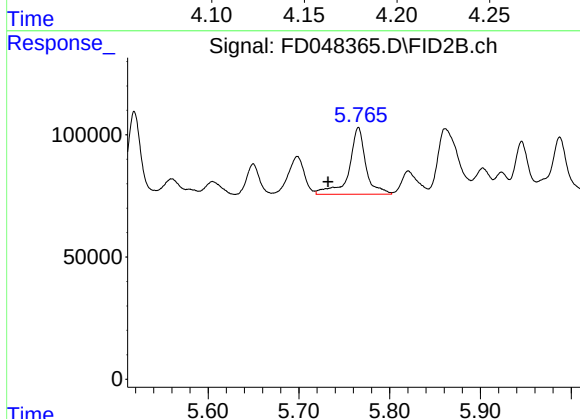




#1 1,2,3-Trimethylbenzene (C10.1)

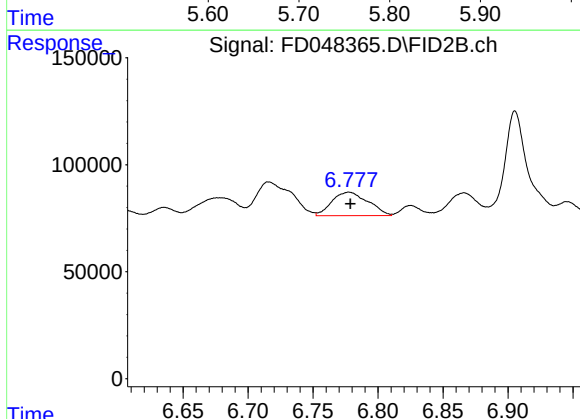
R.T.: 4.176 min
Delta R.T.: -0.036 min
Response: 26826
Conc: 0.15 ug/ml

Instrument :
FID_D
ClientSampleId :



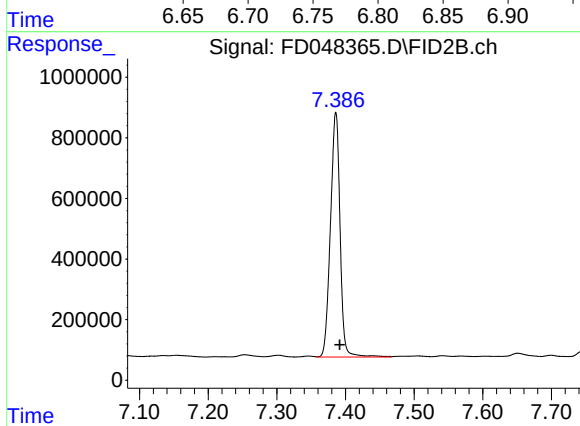
#2 Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: 0.033 min
Response: 348856
Conc: 1.93 ug/ml



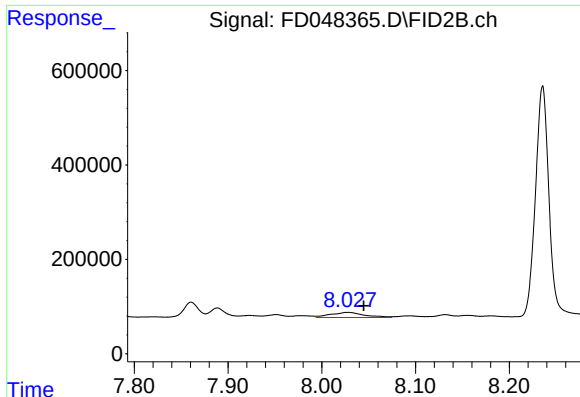
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.777 min
Delta R.T.: -0.001 min
Response: 213080
Conc: 1.19 ug/ml



#4 2-Bromonaphthalene (SURR)

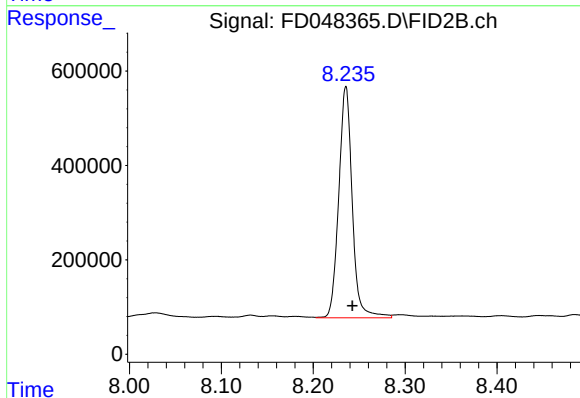
R.T.: 7.386 min
Delta R.T.: -0.006 min
Response: 7856251
Conc: 51.80 ug/ml



#5 Acenaphthylene (C15.06)

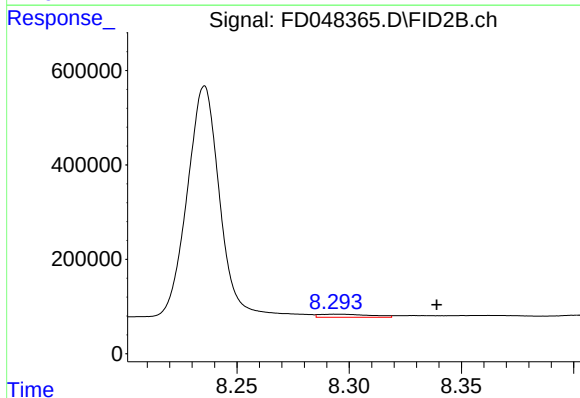
R.T.: 8.028 min
Delta R.T.: -0.017 min
Response: 266119
Conc: 1.52 ug/ml

Instrument :
FID_D
ClientSampleId :



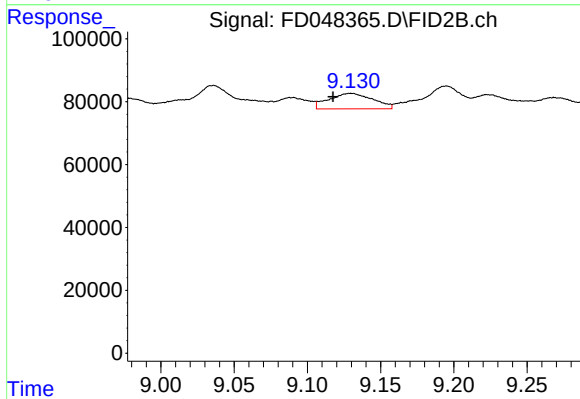
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.235 min
Delta R.T.: -0.007 min
Response: 5008772
Conc: 52.42 ug/ml



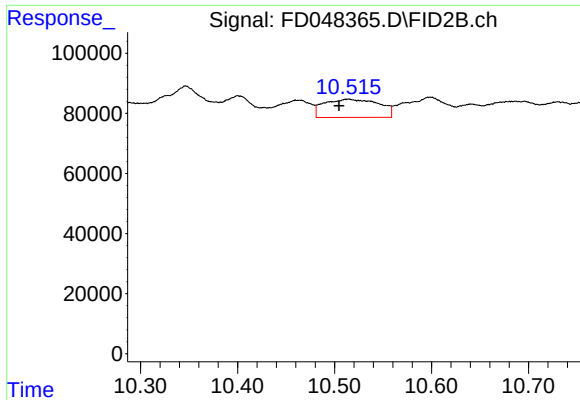
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.044 min
Response: 104758
Conc: 0.59 ug/ml



#8 Flouorene (C16.55)

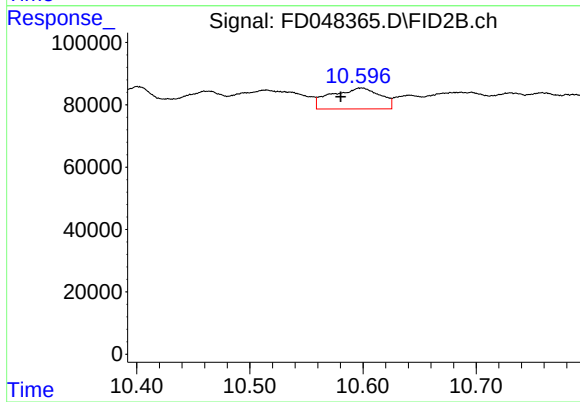
R.T.: 9.129 min
Delta R.T.: 0.012 min
Response: 103431
Conc: 0.62 ug/ml



#9 Phenanthrene (C19.36)

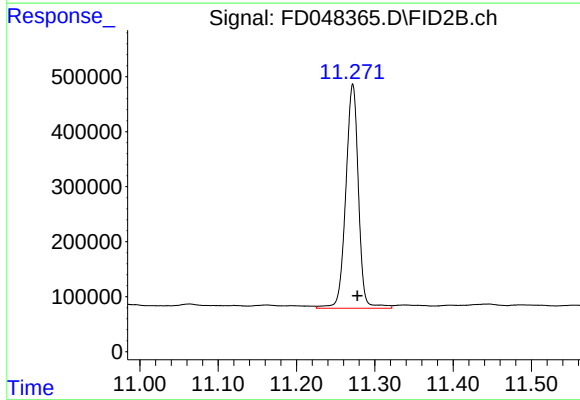
R.T.: 10.514 min
Delta R.T.: 0.009 min
Response: 238295
Conc: 1.48 ug/ml

Instrument :
FID_D
ClientSampleId :



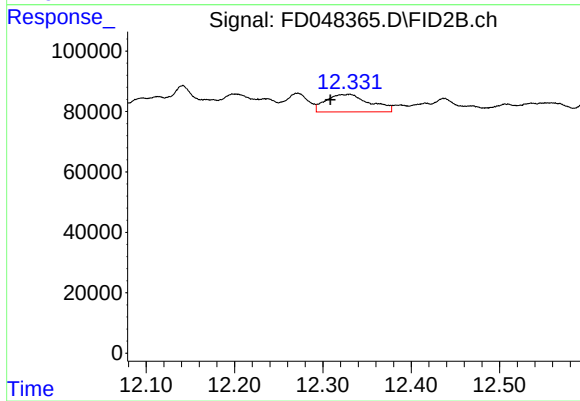
#10 Anthracene (C19.43)

R.T.: 10.598 min
Delta R.T.: 0.018 min
Response: 201291
Conc: 1.26 ug/ml



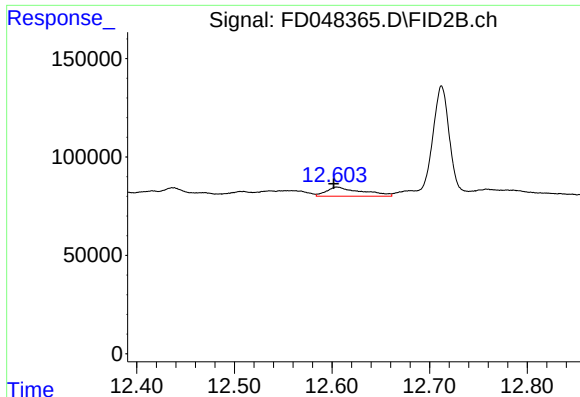
#11 ortho-Terphenyl (SURR)

R.T.: 11.272 min
Delta R.T.: -0.006 min
Response: 4574407
Conc: 26.66 ug/ml



#12 Fluoranthene (C21.85)

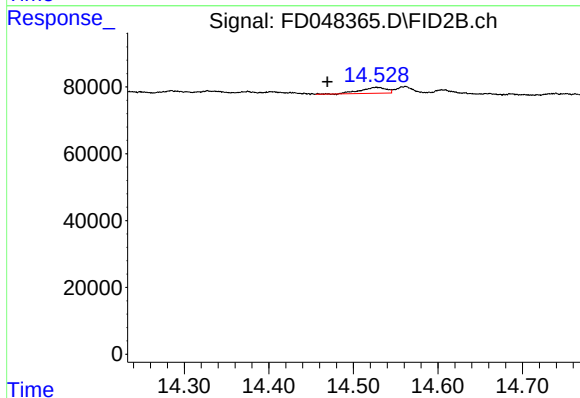
R.T.: 12.330 min
Delta R.T.: 0.021 min
Response: 200963
Conc: 1.24 ug/ml



#13 Pyrene (C20.8)

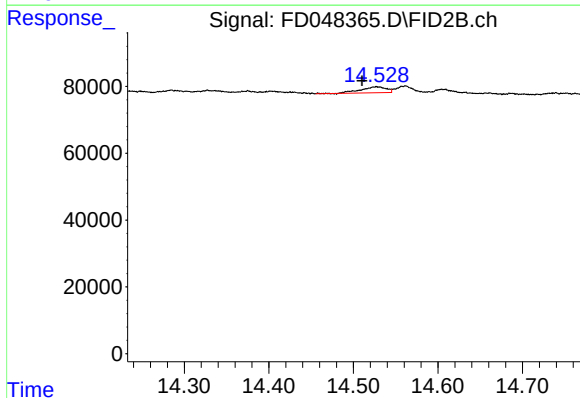
R.T.: 12.606 min
Delta R.T.: 0.004 min
Response: 117080
Conc: 0.73 ug/ml

Instrument :
FID_D
ClientSampleId :



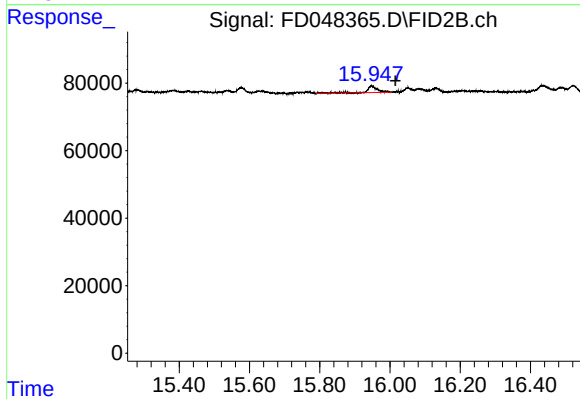
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.528 min
Delta R.T.: 0.059 min
Response: 37859
Conc: 0.27 ug/ml



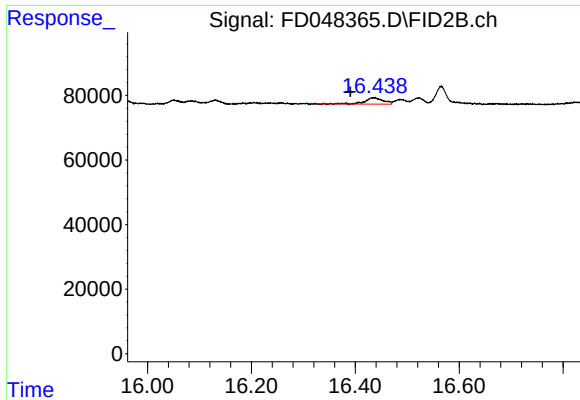
#15 Chrysene (C27.41)

R.T.: 14.528 min
Delta R.T.: 0.017 min
Response: 37859
Conc: 0.23 ug/ml



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

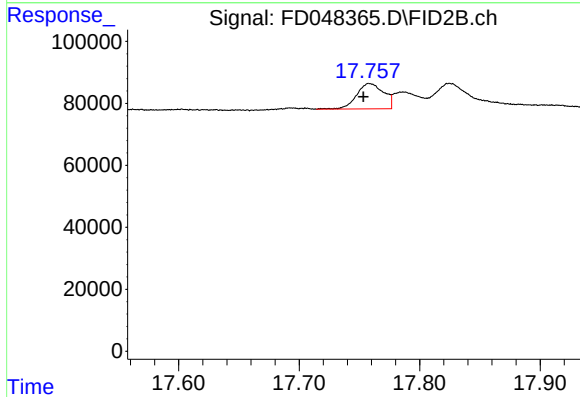
R.T.: 15.948 min
Delta R.T.: -0.068 min
Response: 38342
Conc: 0.26 ug/ml



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

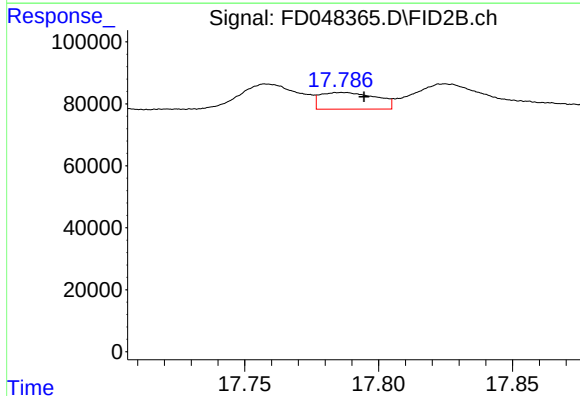
R.T.: 16.435 min
Delta R.T.: 0.045 min
Response: 47732
Conc: 0.32 ug/ml

Instrument :
FID_D
ClientSampleId :



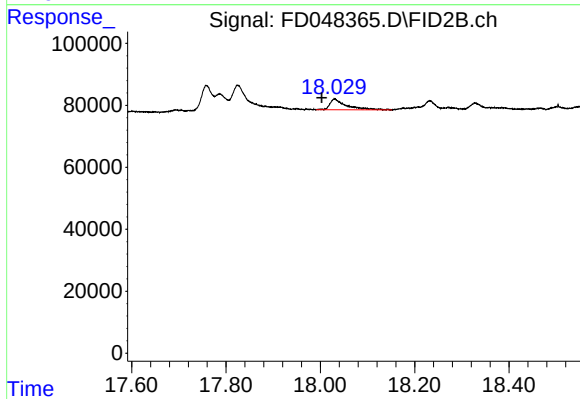
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.759 min
Delta R.T.: 0.005 min
Response: 128581
Conc: 1.14 ug/ml



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

R.T.: 17.786 min
Delta R.T.: -0.008 min
Response: 77881
Conc: 0.51 ug/ml



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

R.T.: 18.030 min
Delta R.T.: 0.028 min
Response: 84691
Conc: 0.57 ug/ml