

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048368.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 23:10
 Operator : YP/AJ
 Sample : P4104-23
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 02:16:39 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...	7.389	18606195	122.682 ug/ml
Spiked Amount 50.000		Recovery =	245.36%
6) S 2-Fluorobiphenyl (SURR)	8.241	9984284	104.494 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	208.99%#
11) S ortho-Terphenyl (SURR)	11.275	6470357	37.713 ug/ml
Spiked Amount 50.000		Recovery =	75.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.206	27722	0.157 ug/ml
2) T Naphthalene (C11.7)	5.725	507921	2.809 ug/ml
3) T 2-Methylnaphthalene (...)	6.775	4780550	26.721 ug/ml
5) T Acenaphthylene (C15.06)	8.040	4714852	26.986 ug/ml
7) T Acenaphthene (C15.5)	8.328	2190284	12.315 ug/ml
8) T Flouorene (C16.55)	9.137	2832627	16.916 ug/ml
9) T Phenanthrene (C19.36)	10.502	1781248	11.033 ug/ml
10) T Anthracene (C19.43)	10.577	746315	4.690 ug/ml
12) T Fluoranthene (C21.85)	12.306	1286069	7.933 ug/ml
13) T Pyrene (C20.8)	12.598	606494	3.783 ug/ml
14) T Benzo[a]anthracene (C...	14.470	94810	0.677 ug/ml
15) T Chrysene (C27.41)	14.509	164397	0.998 ug/ml
16) T benzo[b]fluoranthene ...	16.018	246069	1.656 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	246069	1.598 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.393	123790	0.837 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	359404	3.181 ug/ml
20) T Dibenz[a,h]anthracene...	17.828	111476	0.730 ug/ml
21) T Benzo[g,h,i]perylene ...	18.007	200697	1.362 ug/ml

(f)=RT Delta > 1/2 Window

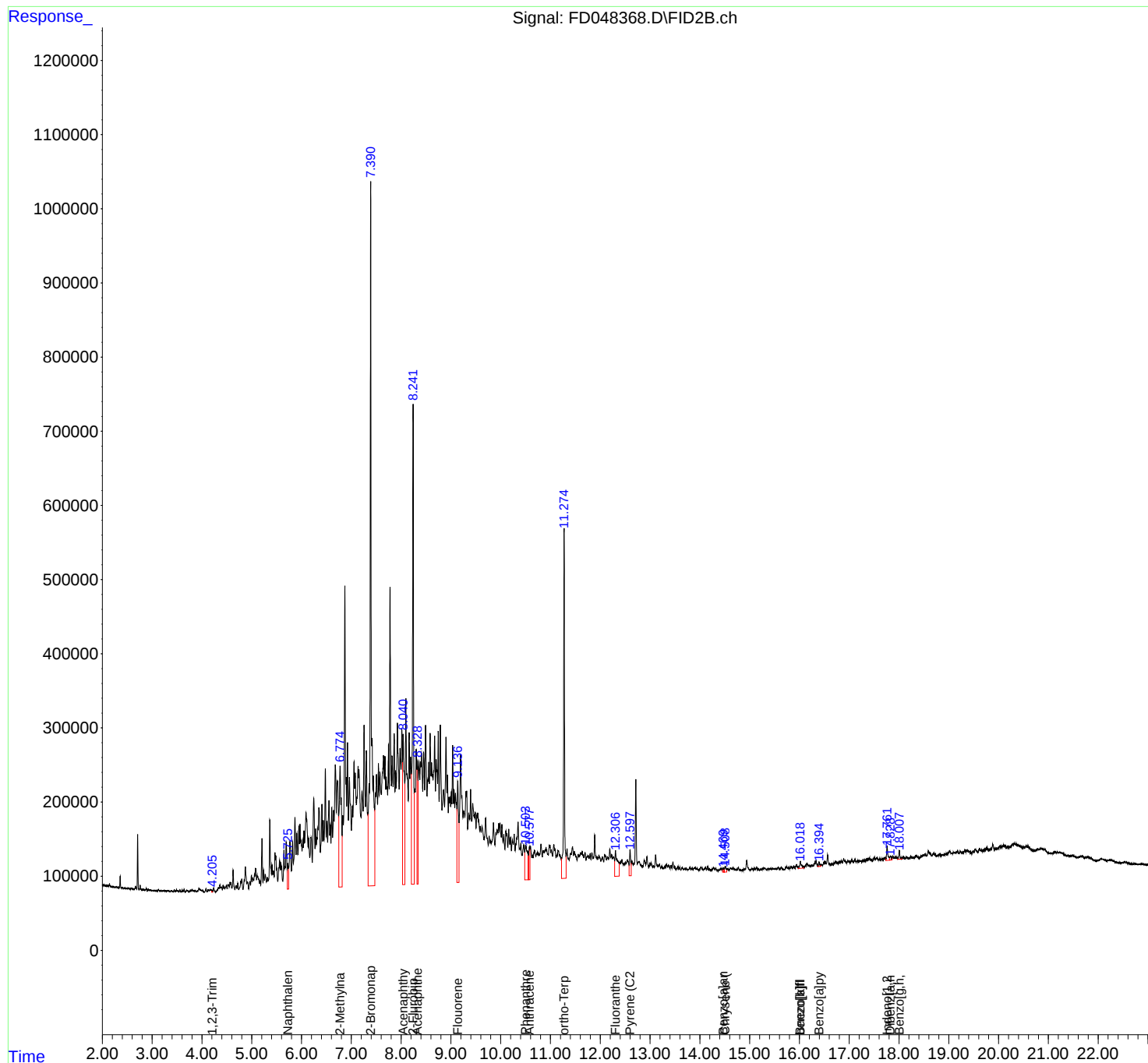
(m)=manual int.

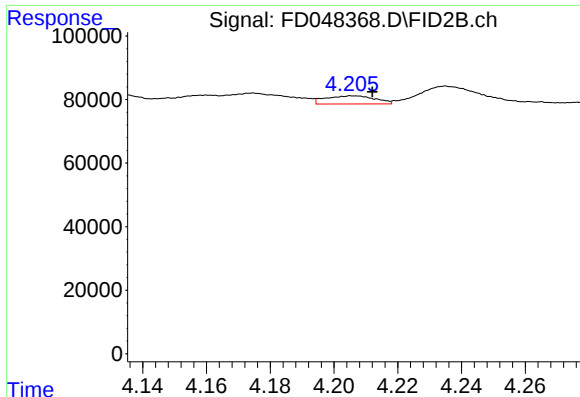
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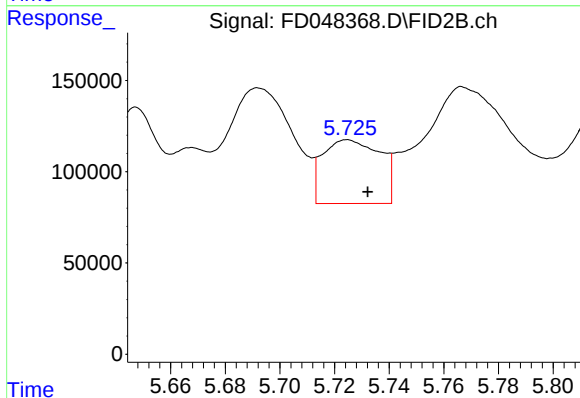




#1 1,2,3-Trimethylbenzene (C10.1)

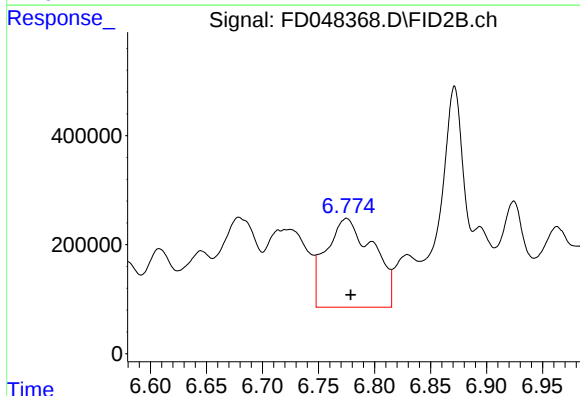
R.T.: 4.206 min
Delta R.T.: -0.006 min
Response: 27722
Conc: 0.16 ug/ml

Instrument :
FID_D
ClientSampleId :



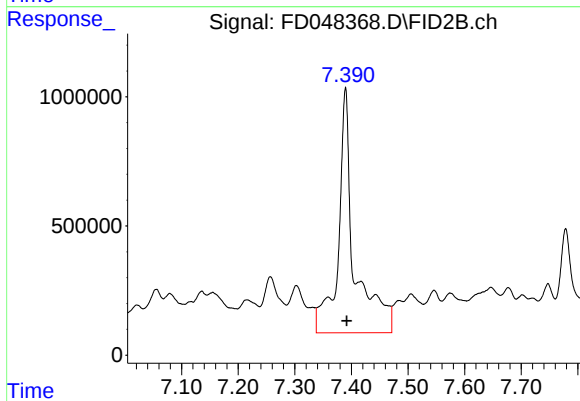
#2 Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: -0.007 min
Response: 507921
Conc: 2.81 ug/ml



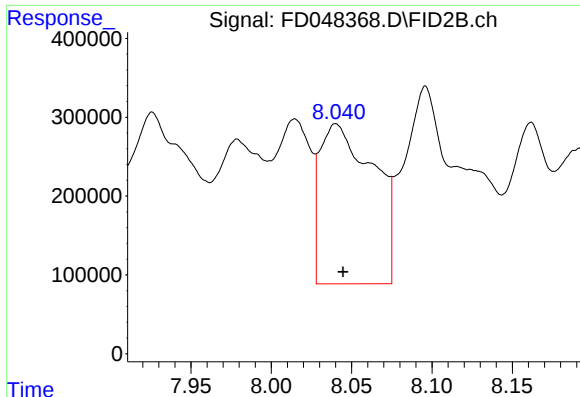
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 4780550
Conc: 26.72 ug/ml



#4 2-Bromonaphthalene (SURR)

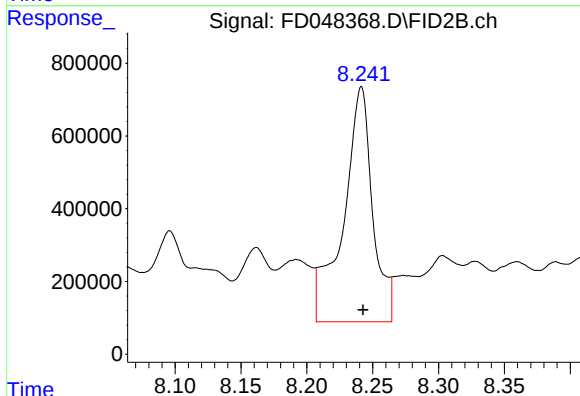
R.T.: 7.389 min
Delta R.T.: -0.002 min
Response: 18606195
Conc: 122.68 ug/ml



#5 Acenaphthylene (C15.06)

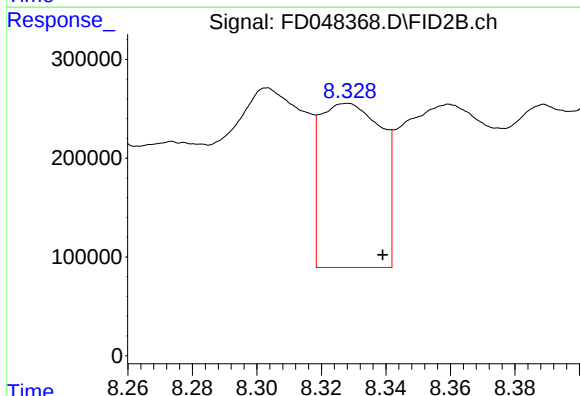
R.T.: 8.040 min
Delta R.T.: -0.004 min
Response: 4714852
Conc: 26.99 ug/ml

Instrument :
FID_D
ClientSampleId :



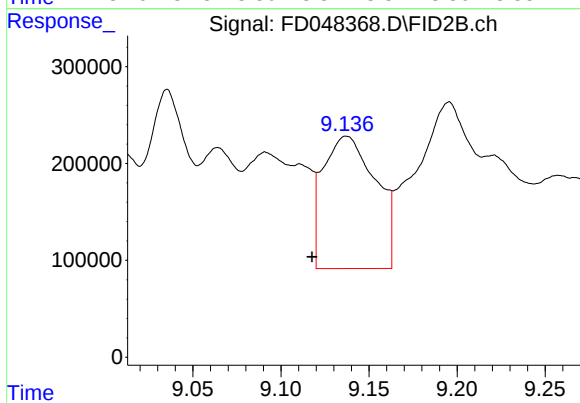
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.241 min
Delta R.T.: -0.002 min
Response: 9984284
Conc: 104.49 ug/ml



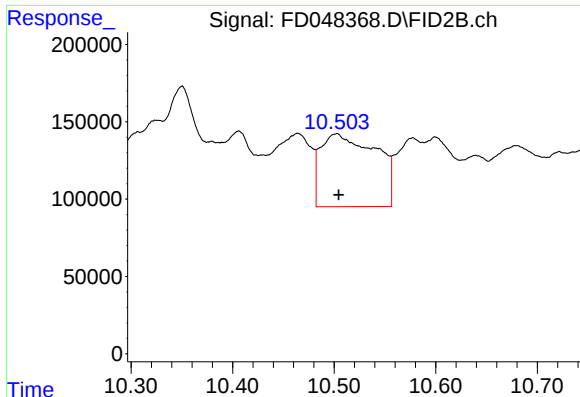
#7 Acenaphthene (C15.5)

R.T.: 8.328 min
Delta R.T.: -0.011 min
Response: 2190284
Conc: 12.32 ug/ml



#8 Flouorene (C16.55)

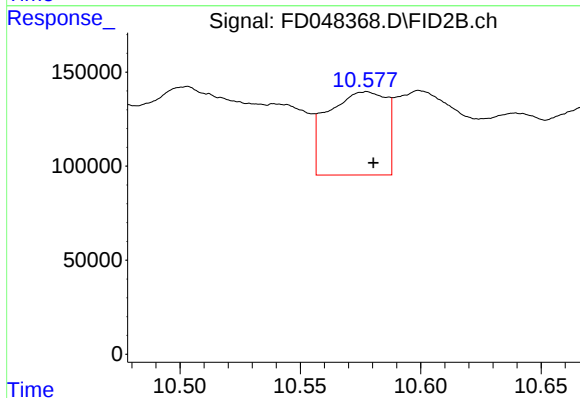
R.T.: 9.137 min
Delta R.T.: 0.020 min
Response: 2832627
Conc: 16.92 ug/ml



#9 Phenanthrene (C19.36)

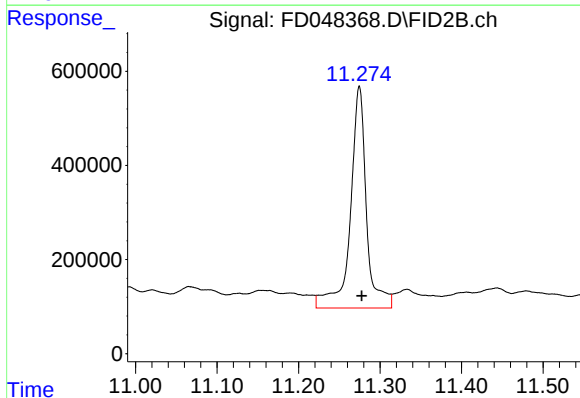
R.T.: 10.502 min
Delta R.T.: -0.003 min
Response: 1781248
Conc: 11.03 ug/ml

Instrument :
FID_D
ClientSampleId :



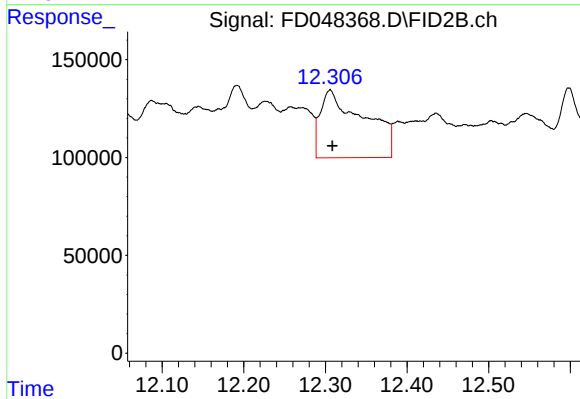
#10 Anthracene (C19.43)

R.T.: 10.577 min
Delta R.T.: -0.003 min
Response: 746315
Conc: 4.69 ug/ml



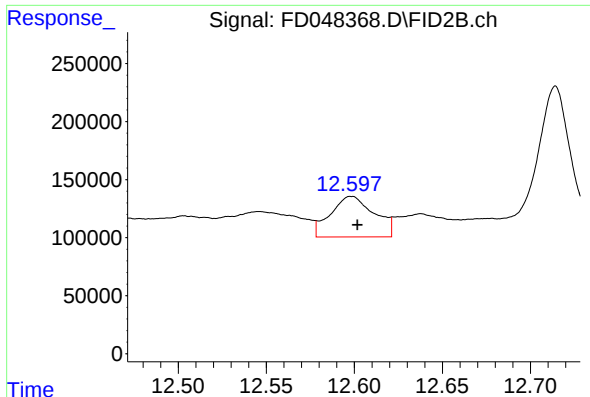
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 6470357
Conc: 37.71 ug/ml



#12 Fluoranthene (C21.85)

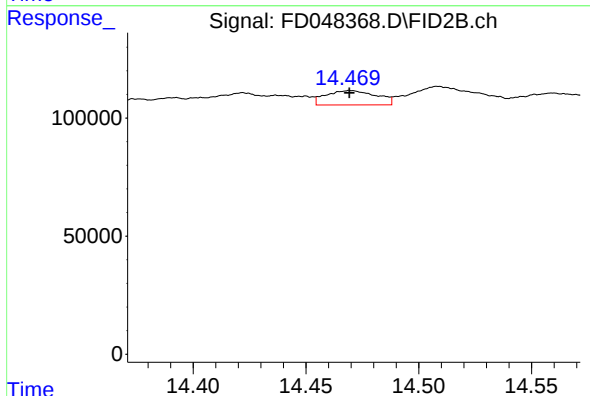
R.T.: 12.306 min
Delta R.T.: -0.003 min
Response: 1286069
Conc: 7.93 ug/ml



#13 Pyrene (C20.8)

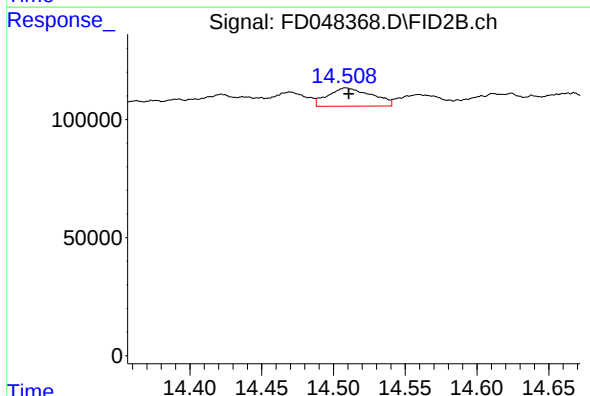
R.T.: 12.598 min
Delta R.T.: -0.003 min
Response: 606494
Conc: 3.78 ug/ml

Instrument :
FID_D
ClientSampleId :



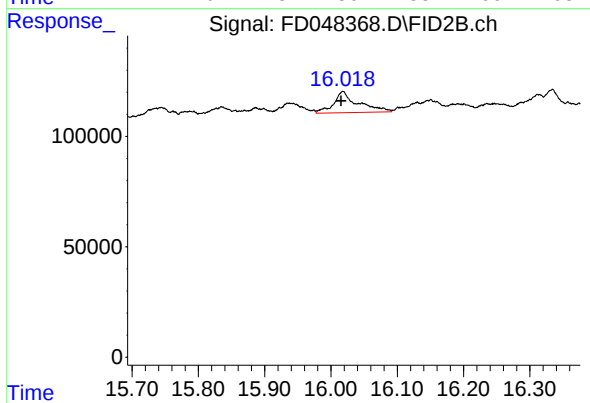
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.470 min
Delta R.T.: 0.000 min
Response: 94810
Conc: 0.68 ug/ml



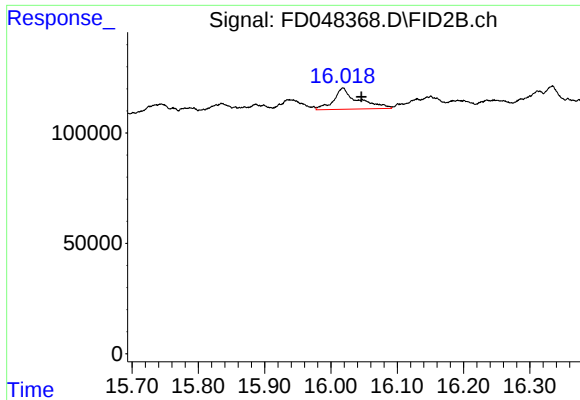
#15 Chrysene (C27.41)

R.T.: 14.509 min
Delta R.T.: -0.001 min
Response: 164397
Conc: 1.00 ug/ml



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

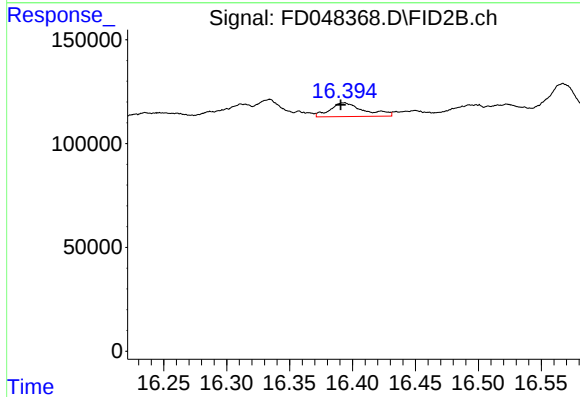
R.T.: 16.018 min
Delta R.T.: 0.003 min
Response: 246069
Conc: 1.66 ug/ml



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

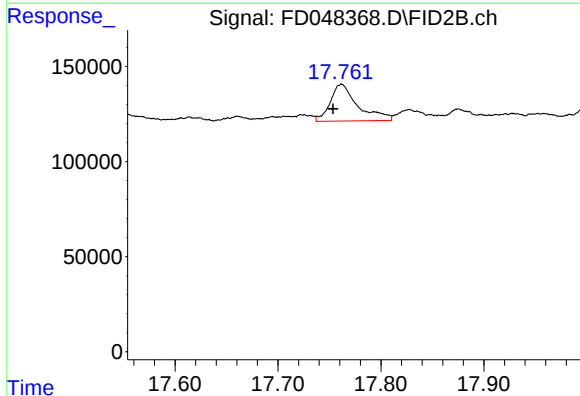
R.T.: 16.018 min
Delta R.T.: -0.028 min
Response: 246069
Conc: 1.60 ug/ml

Instrument :
FID_D
ClientSampleId :



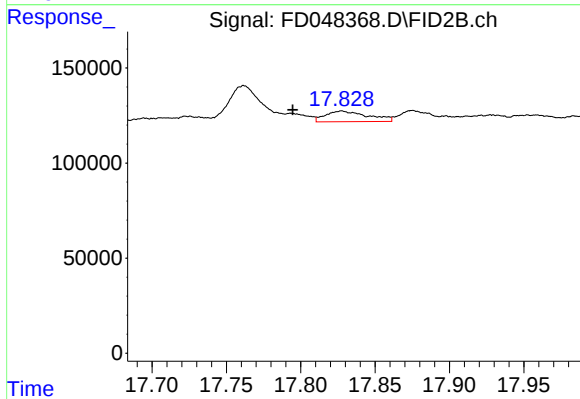
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.393 min
Delta R.T.: 0.003 min
Response: 123790
Conc: 0.84 ug/ml



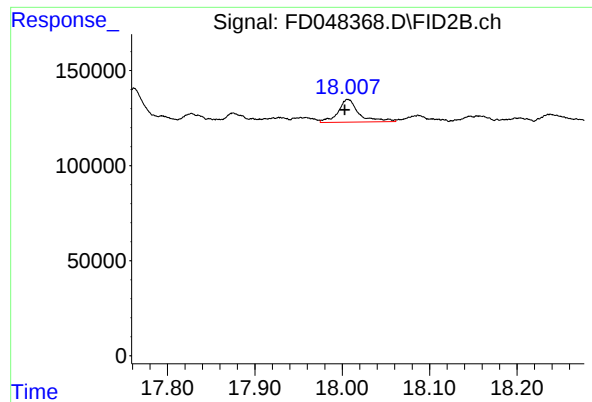
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min
Delta R.T.: 0.008 min
Response: 359404
Conc: 3.18 ug/ml



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

R.T.: 17.828 min
Delta R.T.: 0.033 min
Response: 111476
Conc: 0.73 ug/ml



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

R.T.: 18.007 min
Delta R.T.: 0.004 min
Response: 200697
Conc: 1.36 ug/ml

Instrument :

FID_D

ClientSampleId :