

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092324AR\
 Data File : FD048374.D
 Signal(s) : FID2B.ch
 Acq On : 23 Sep 2024 10:50
 Operator : YP/AJ
 Sample : P4104-21DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 24 01:29:21 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...	7.384	3004762	19.812 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
6) S 2-Fluorobiphenyl (SURR)	8.236	1829619	19.148 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.30%
11) S ortho-Terphenyl (SURR)	11.268	1018059	5.934 ug/ml
Spiked Amount 50.000		Recovery =	11.87%
Target Compounds			
2) T Naphthalene (C11.7)	5.723	47777	0.264 ug/ml
3) T 2-Methylnaphthalene (...)	6.774	677028	3.784 ug/ml
5) T Acenaphthylene (C15.06)	8.036	688876	3.943 ug/ml
7) T Acenaphthene (C15.5)	8.356	450052	2.530 ug/ml
8) T Fluorene (C16.55)	9.133	379804	2.268 ug/ml
9) T Phenanthrene (C19.36)	10.512	70227	0.435 ug/ml
10) T Anthracene (C19.43)	10.597	57293	0.360 ug/ml
12) T Fluoranthene (C21.85)	12.315	70031	0.432 ug/ml
13) T Pyrene (C20.8)	12.605	63057	0.393 ug/ml
14) T Benzo[a]anthracene (C...	14.484	15641	0.112 ug/ml
15) T Chrysene (C27.41)	14.519	24455	0.148 ug/ml
16) T benzo[b]fluoranthene ...	16.025	36353	0.245 ug/ml
17) T Bnezo[k]fluoranthene ...	16.056	55586	0.361 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.404	56468	0.382 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.760	132299	1.171 ug/ml
20) T Dibenz[a,h]anthracene...	17.798	229743	1.505 ug/ml
21) T Benzo[g,h,i]perylene ...	18.008	131766	0.894 ug/ml

(f)=RT Delta > 1/2 Window

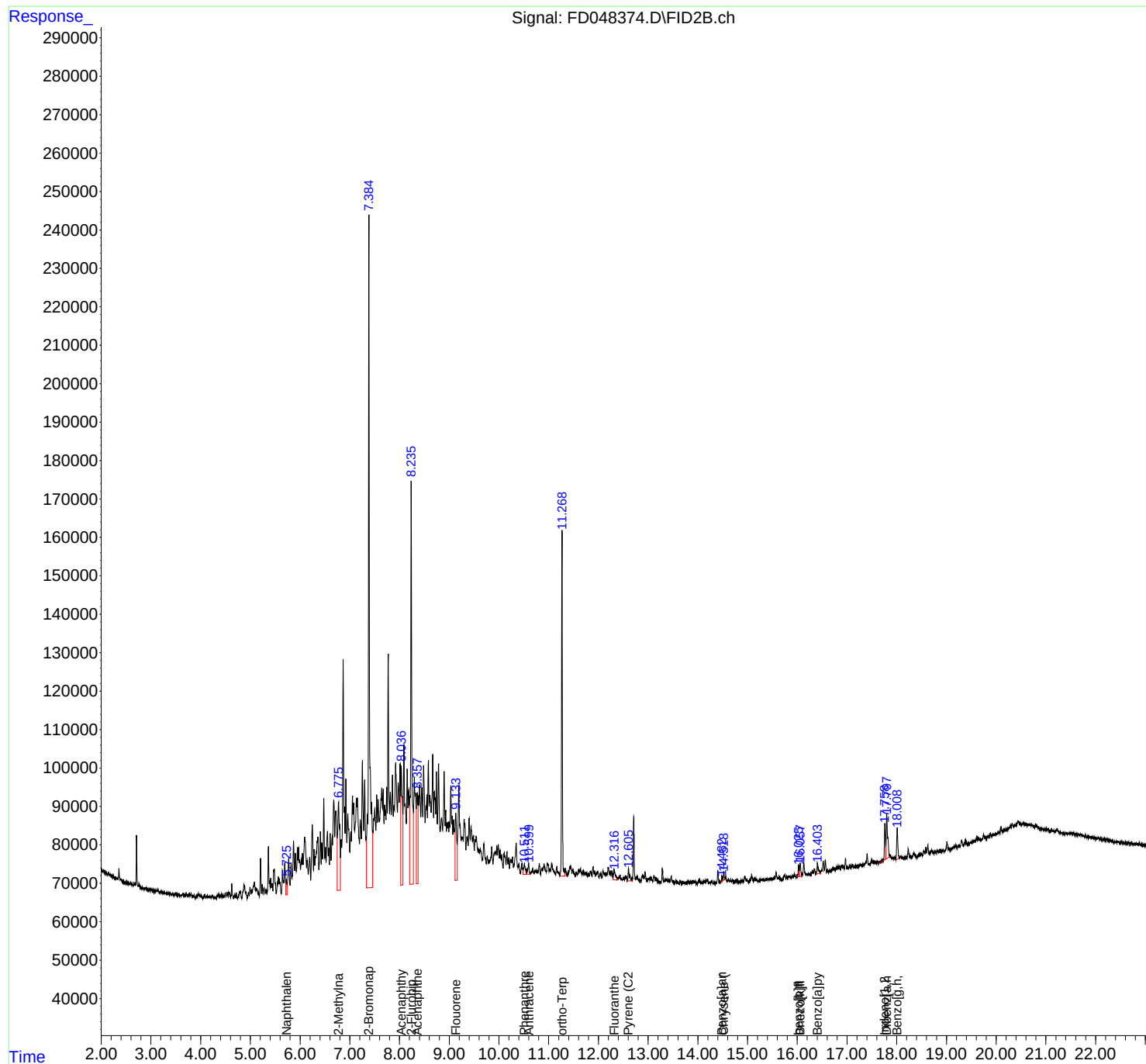
(m)=manual int.

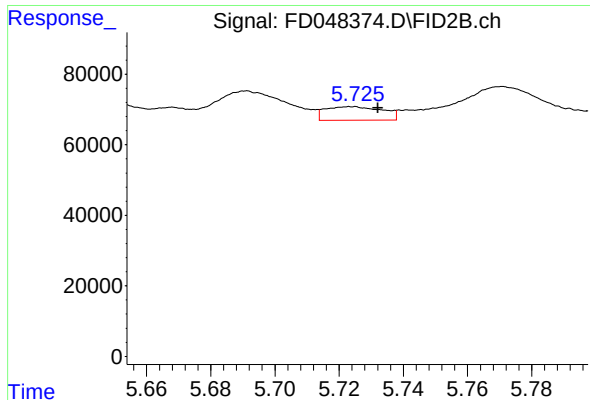
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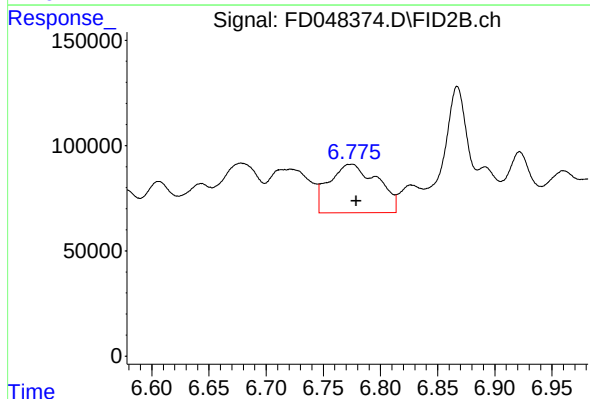




#2 Naphthalene (C11.7)

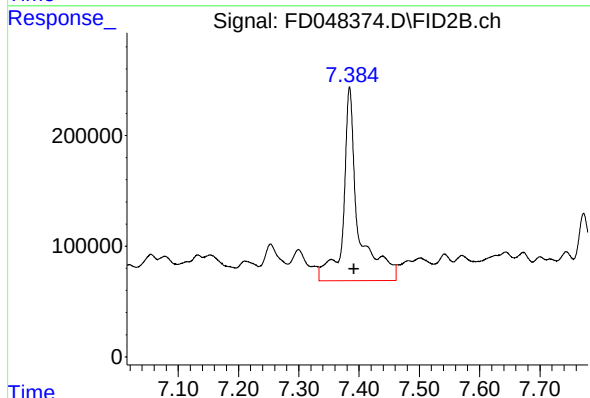
R.T.: 5.723 min
Delta R.T.: -0.009 min
Response: 47777
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



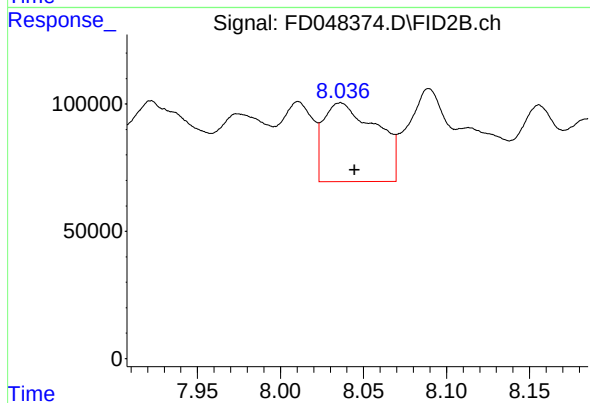
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 677028
Conc: 3.78 ug/ml



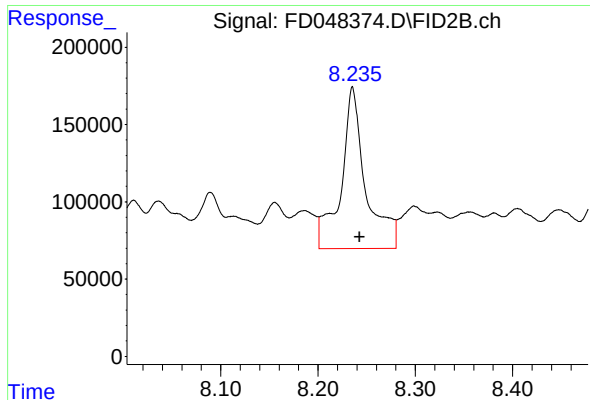
#4 2-Bromonaphthalene (SURR)

R.T.: 7.384 min
Delta R.T.: -0.007 min
Response: 3004762
Conc: 19.81 ug/ml



#5 Acenaphthylene (C15.06)

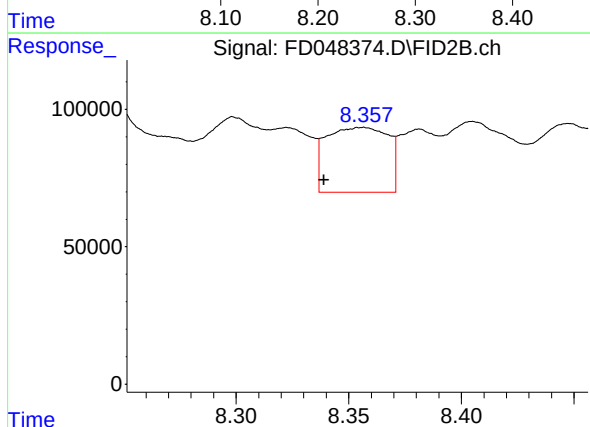
R.T.: 8.036 min
Delta R.T.: -0.009 min
Response: 688876
Conc: 3.94 ug/ml



#6 2-Fluorobiphenyl (SURR)

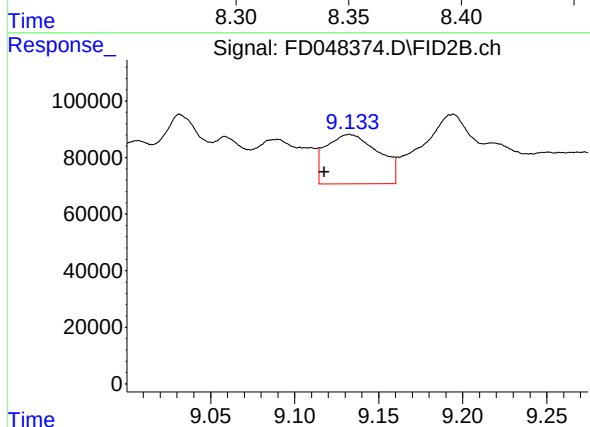
R.T.: 8.236 min
Delta R.T.: -0.007 min
Response: 1829619
Conc: 19.15 ug/ml

Instrument :
FID_D
ClientSampleId :



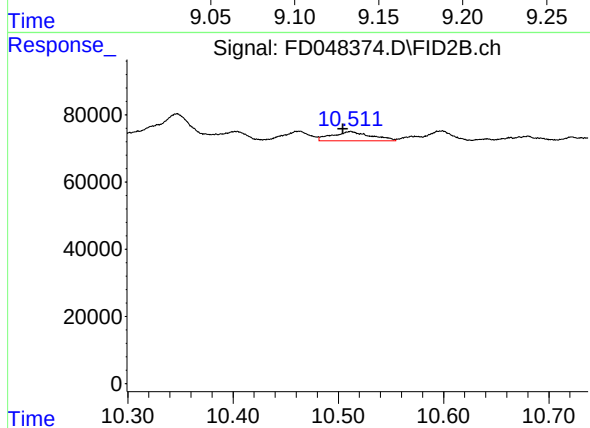
#7 Acenaphthene (C15.5)

R.T.: 8.356 min
Delta R.T.: 0.017 min
Response: 450052
Conc: 2.53 ug/ml



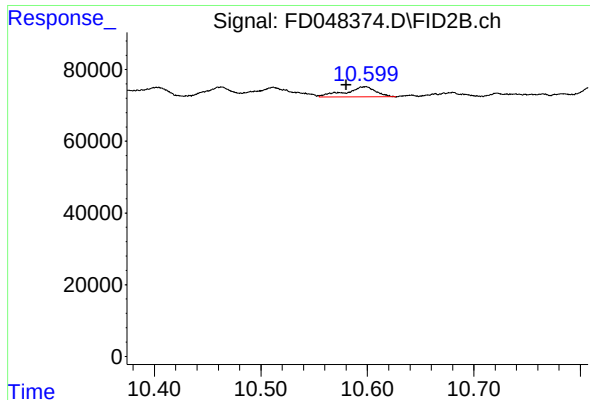
#8 Flouorene (C16.55)

R.T.: 9.133 min
Delta R.T.: 0.015 min
Response: 379804
Conc: 2.27 ug/ml



#9 Phenanthrene (C19.36)

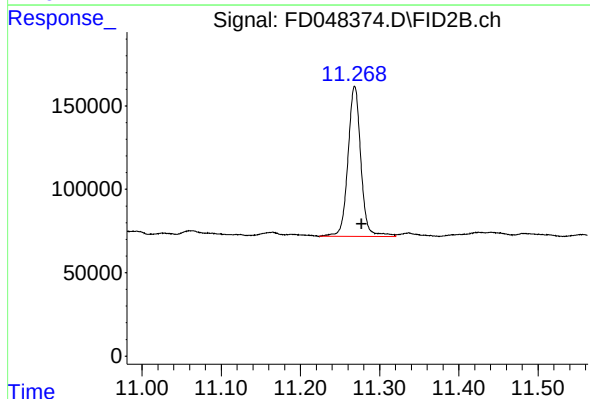
R.T.: 10.512 min
Delta R.T.: 0.007 min
Response: 70227
Conc: 0.43 ug/ml



#10 Anthracene (C19.43)

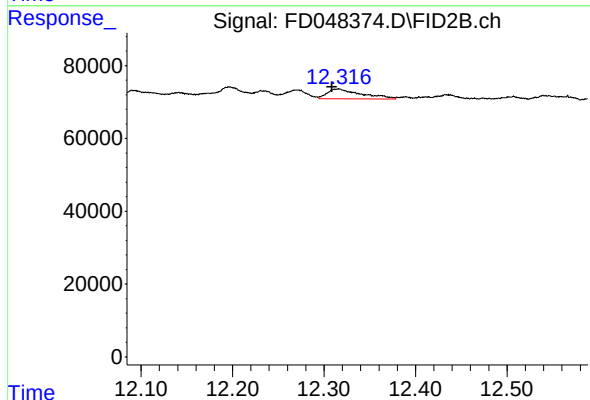
R.T.: 10.597 min
Delta R.T.: 0.017 min
Response: 57293
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



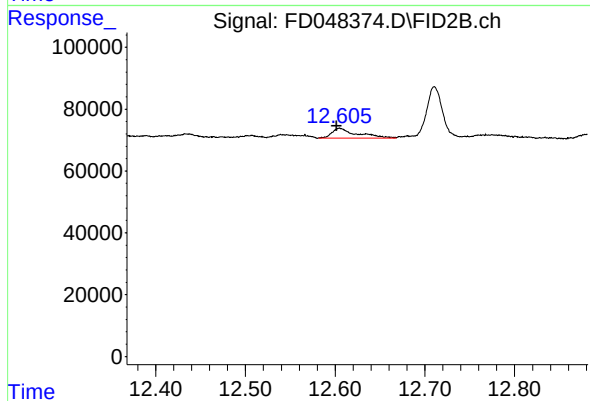
#11 ortho-Terphenyl (SURR)

R.T.: 11.268 min
Delta R.T.: -0.009 min
Response: 1018059
Conc: 5.93 ug/ml



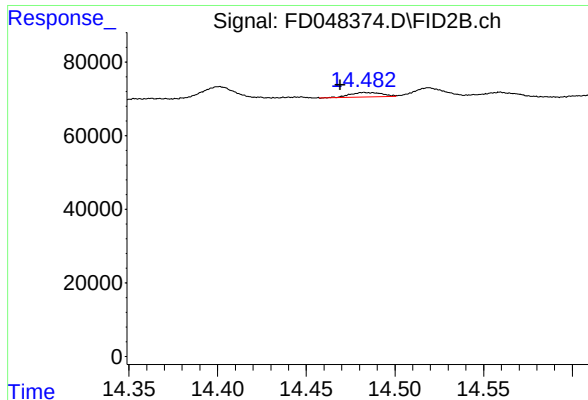
#12 Fluoranthene (C21.85)

R.T.: 12.315 min
Delta R.T.: 0.006 min
Response: 70031
Conc: 0.43 ug/ml



#13 Pyrene (C20.8)

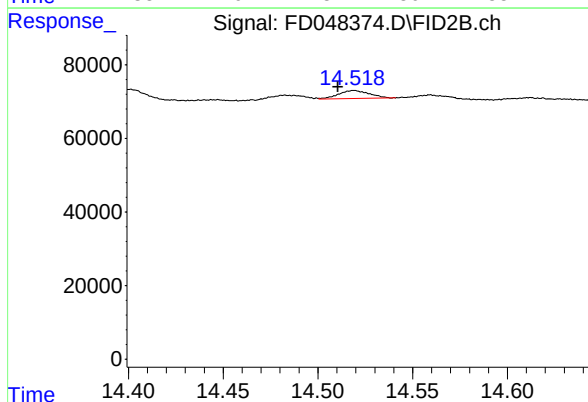
R.T.: 12.605 min
Delta R.T.: 0.004 min
Response: 63057
Conc: 0.39 ug/ml



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

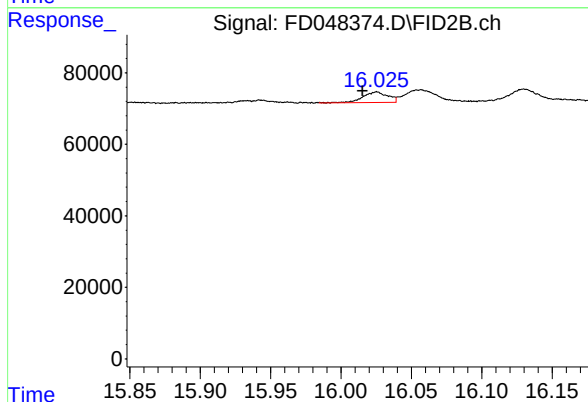
R.T.: 14.484 min
Delta R.T.: 0.015 min
Response: 15641
Conc: 0.11 ug/ml

Instrument :
FID_D
ClientSampleId :



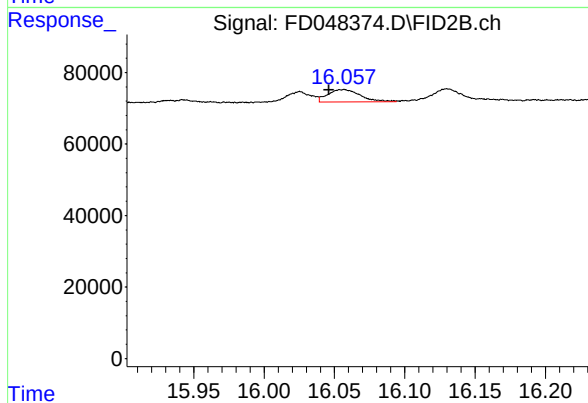
#15 Chrysene (C27.41)

R.T.: 14.519 min
Delta R.T.: 0.009 min
Response: 24455
Conc: 0.15 ug/ml



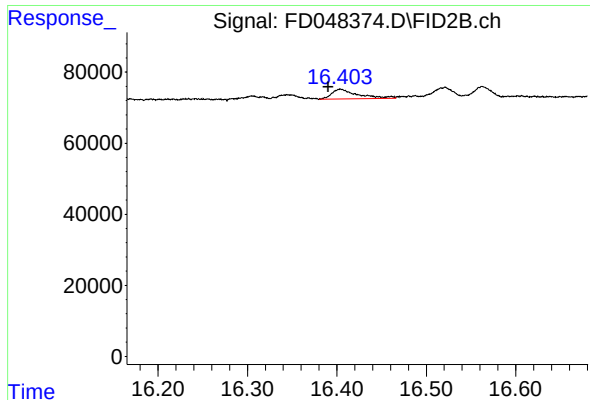
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.025 min
Delta R.T.: 0.010 min
Response: 36353
Conc: 0.24 ug/ml



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

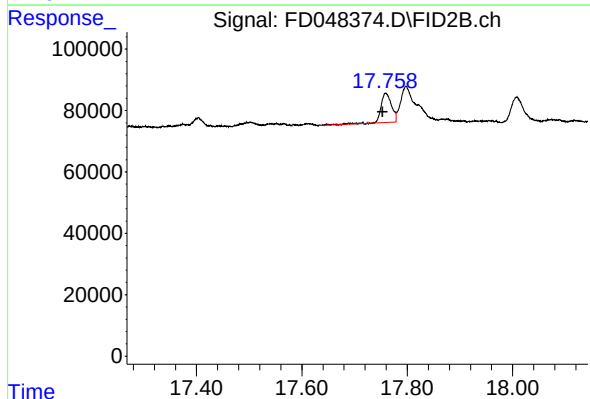
R.T.: 16.056 min
Delta R.T.: 0.010 min
Response: 55586
Conc: 0.36 ug/ml



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

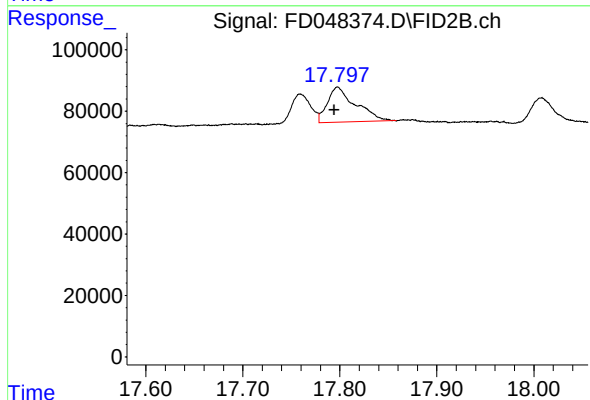
R.T.: 16.404 min
Delta R.T.: 0.014 min
Response: 56468
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



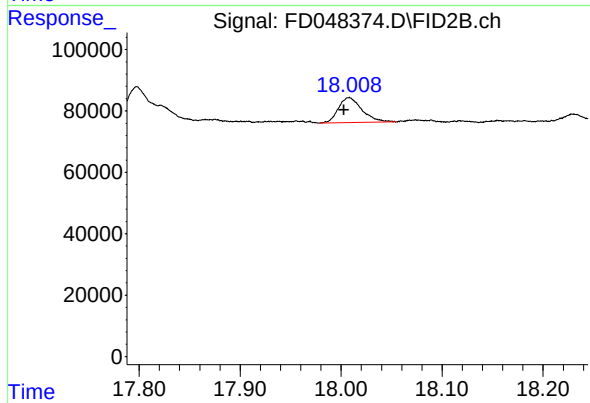
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.760 min
Delta R.T.: 0.006 min
Response: 132299
Conc: 1.17 ug/ml



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

R.T.: 17.798 min
Delta R.T.: 0.003 min
Response: 229743
Conc: 1.51 ug/ml



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

R.T.: 18.008 min
Delta R.T.: 0.005 min
Response: 131766
Conc: 0.89 ug/ml