

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032522AR\
 Data File : FD041723.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2022 14:10
 Operator : UA/NP
 Sample : N2077-03DL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 22:32:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 17:33:18 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.354	874642	5.453 ug/ml
Spiked Amount 50.000		Recovery =	10.91%
6) S 2-Fluorobiphenyl (SURR)	8.209	338412	3.425 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.85%
11) S ortho-Terphenyl (SURR)	11.231	802240	4.127 ug/ml
Spiked Amount 50.000		Recovery =	8.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	34628	0.198 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	107952	0.675 ug/ml
5) T Acenaphthylene (C15.06)	7.998	247891	1.340 ug/ml
7) T Acenaphthene (C15.5)	8.313	121536	0.633 ug/ml
8) T Fluorene (C16.55)	9.102	179878	1.020 ug/ml
9) T Phenanthrene (C19.36)	10.467	704026	4.036 ug/ml
10) T Anthracene (C19.43)	10.557	378344	2.079 ug/ml
12) T Fluoranthene (C21.85)	12.270	666217	3.774 ug/ml
13) T Pyrene (C20.8)	12.561	442618	2.618 ug/ml
14) T Benzo[a]anthracene (C...	14.433	427930	2.862 ug/ml
15) T Chrysene (C27.41)	14.472	517006	2.872 ug/ml
16) T benzo[b]fluoranthene ...	15.985	285133	1.923 ug/ml
17) T Bnezo[k]fluoranthene ...	15.985	285133	1.726 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.363	64678	0.460 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.736	54870	0.498 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	135852	0.938 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	248714	1.874 ug/ml

(f)=RT Delta > 1/2 Window

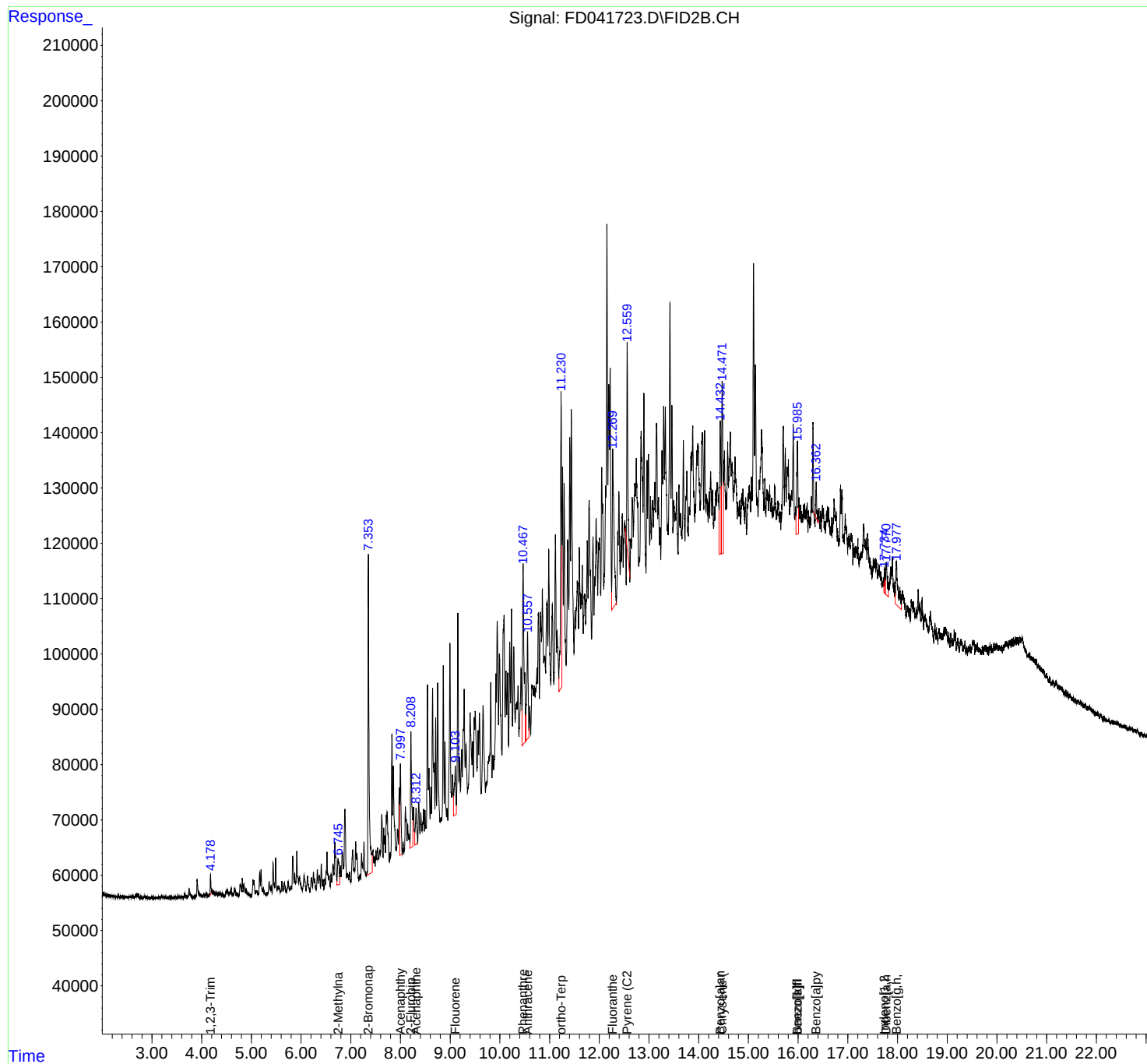
(m)=manual int.

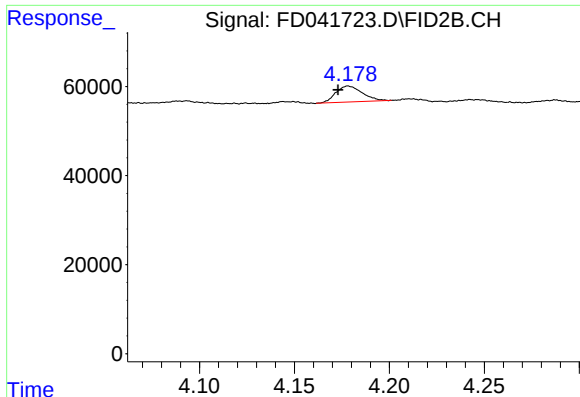
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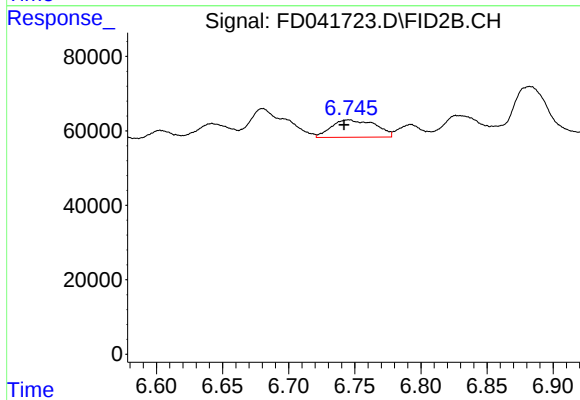




#1 1,2,3-Trimethylbenzene (C10.1)

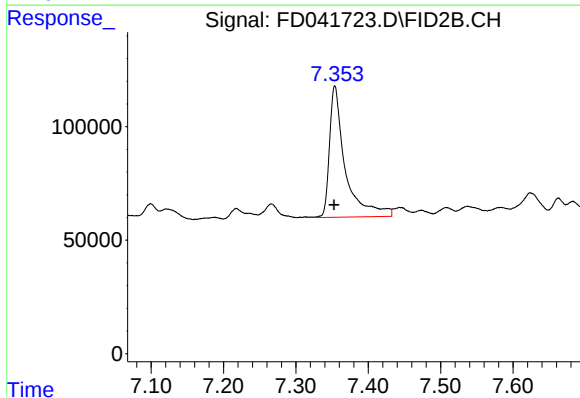
R.T.: 4.179 min
Delta R.T.: 0.006 min
Response: 34628
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



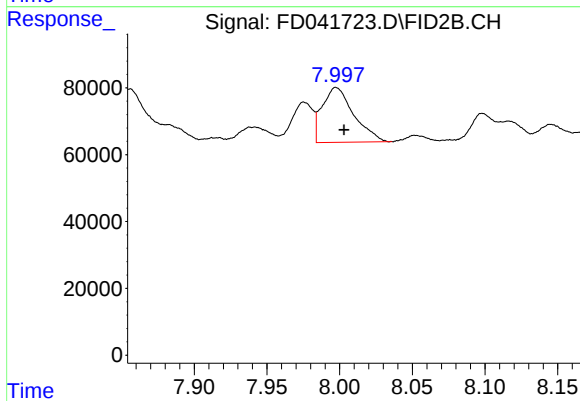
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: 0.003 min
Response: 107952
Conc: 0.67 ug/ml



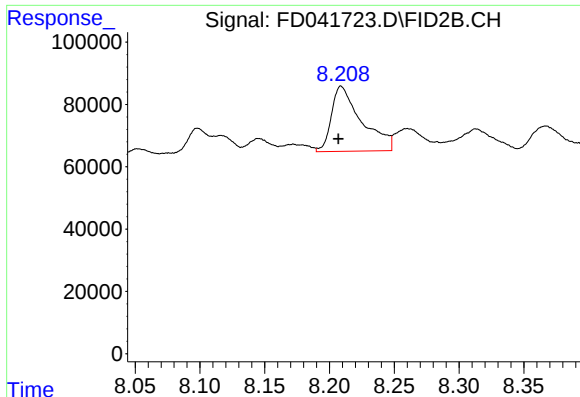
#4 2-Bromonaphthalene (SURR)

R.T.: 7.354 min
Delta R.T.: 0.001 min
Response: 874642
Conc: 5.45 ug/ml



#5 Acenaphthylene (C15.06)

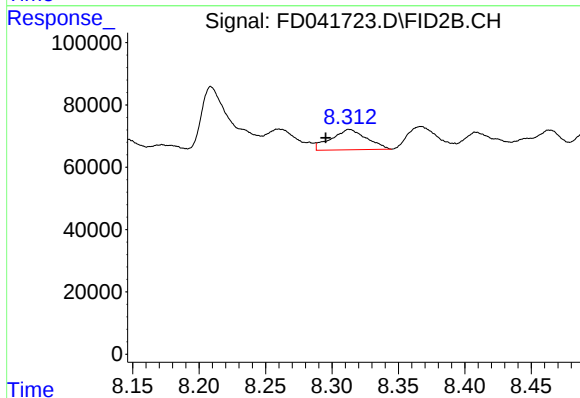
R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 247891
Conc: 1.34 ug/ml



#6 2-Fluorobiphenyl (SURR)

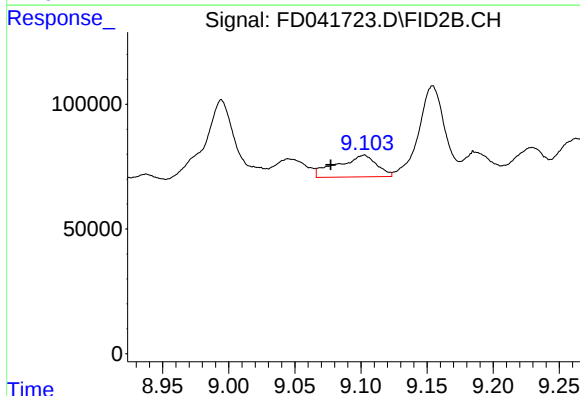
R.T.: 8.209 min
Delta R.T.: 0.002 min
Response: 338412
Conc: 3.42 ug/ml

Instrument :
FID_D
ClientSampleId :



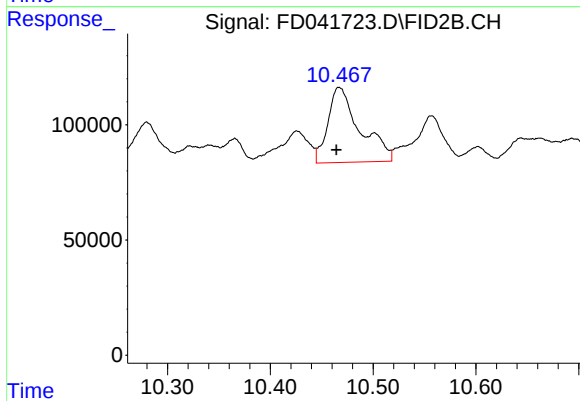
#7 Acenaphthene (C15.5)

R.T.: 8.313 min
Delta R.T.: 0.018 min
Response: 121536
Conc: 0.63 ug/ml



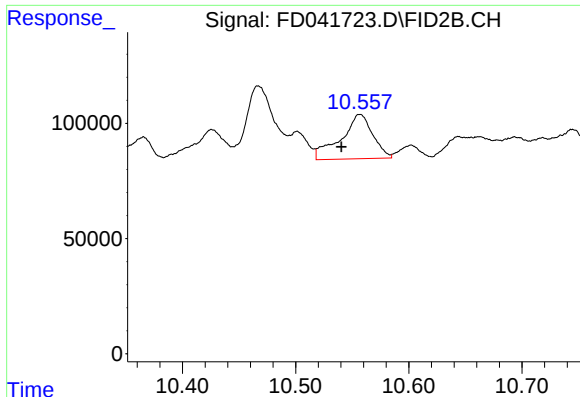
#8 Flouorene (C16.55)

R.T.: 9.102 min
Delta R.T.: 0.025 min
Response: 179878
Conc: 1.02 ug/ml



#9 Phenanthrene (C19.36)

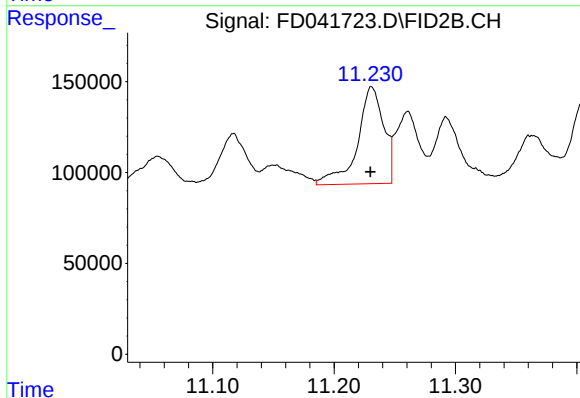
R.T.: 10.467 min
Delta R.T.: 0.003 min
Response: 704026
Conc: 4.04 ug/ml



#10 Anthracene (C19.43)

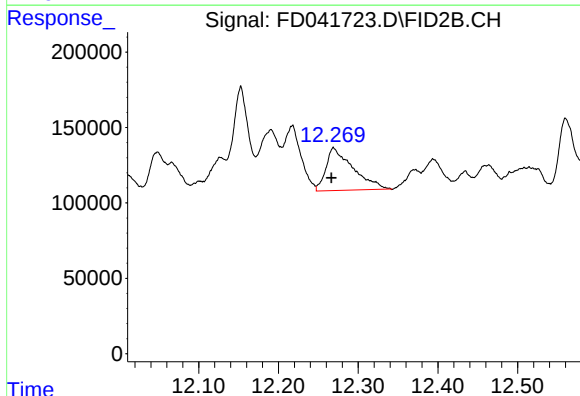
R.T.: 10.557 min
Delta R.T.: 0.016 min
Response: 378344
Conc: 2.08 ug/ml

Instrument :
FID_D
ClientSampleId :



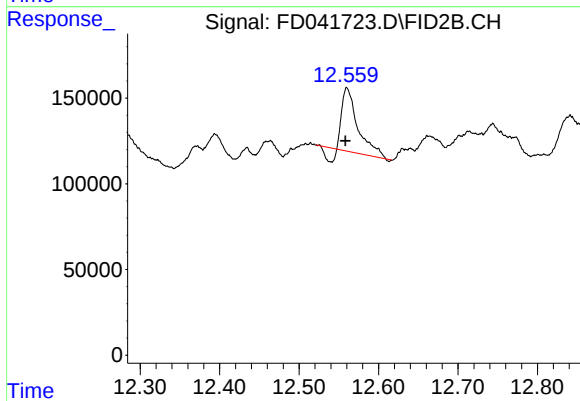
#11 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: 0.001 min
Response: 802240
Conc: 4.13 ug/ml



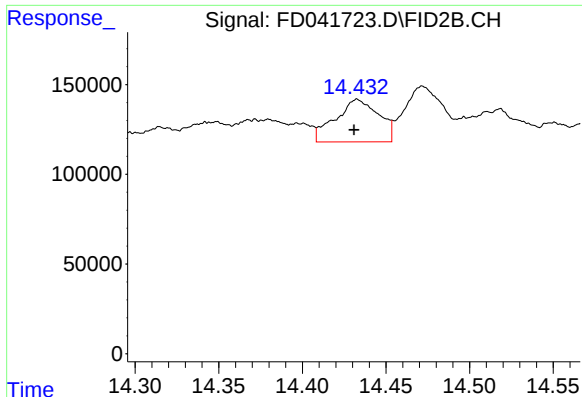
#12 Fluoranthene (C21.85)

R.T.: 12.270 min
Delta R.T.: 0.003 min
Response: 666217
Conc: 3.77 ug/ml



#13 Pyrene (C20.8)

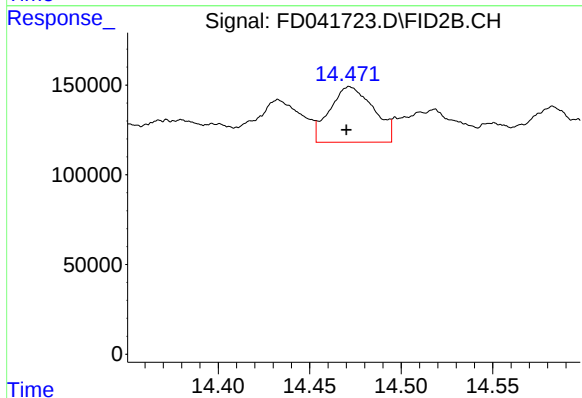
R.T.: 12.561 min
Delta R.T.: 0.002 min
Response: 442618
Conc: 2.62 ug/ml



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

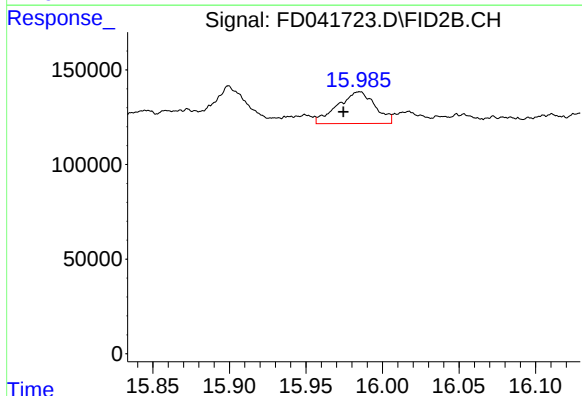
R.T.: 14.433 min
Delta R.T.: 0.002 min
Response: 427930
Conc: 2.86 ug/ml

Instrument :
FID_D
ClientSampleId :



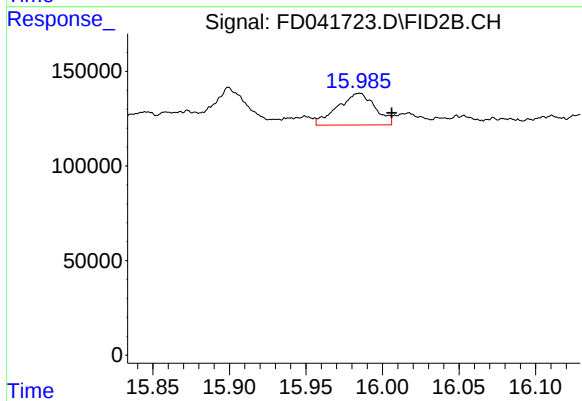
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: 0.002 min
Response: 517006
Conc: 2.87 ug/ml



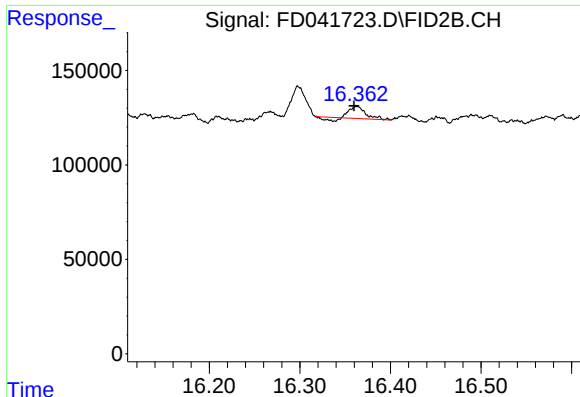
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.985 min
Delta R.T.: 0.010 min
Response: 285133
Conc: 1.92 ug/ml



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

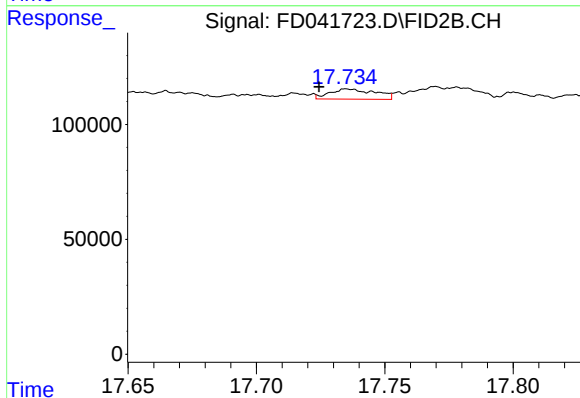
R.T.: 15.985 min
Delta R.T.: -0.021 min
Response: 285133
Conc: 1.73 ug/ml



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

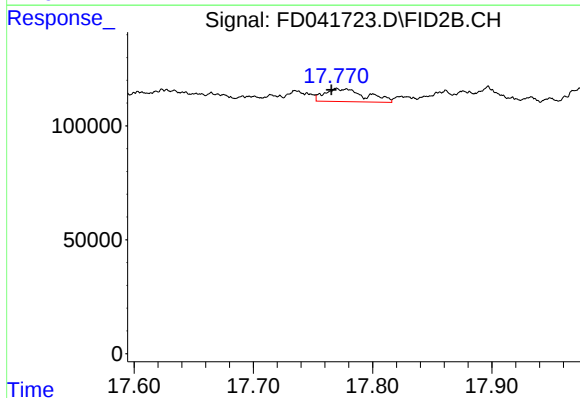
R.T.: 16.363 min
Delta R.T.: 0.003 min
Response: 64678
Conc: 0.46 ug/ml

Instrument :
FID_D
ClientSampleId :



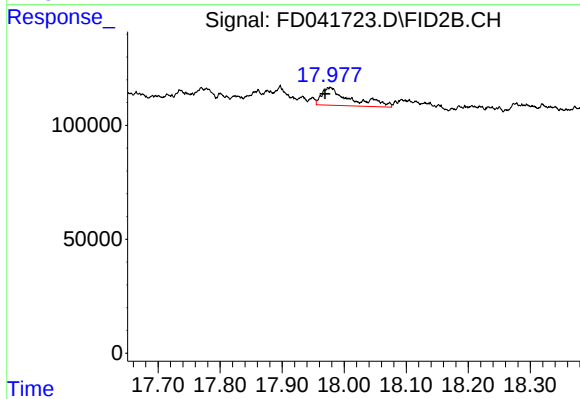
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.736 min
Delta R.T.: 0.012 min
Response: 54870
Conc: 0.50 ug/ml



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

R.T.: 17.777 min
Delta R.T.: 0.011 min
Response: 135852
Conc: 0.94 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.008 min
Response: 248714
Conc: 1.87 ug/ml