

Data Path : P:\HPCHEM1\FID D\Data\FD041618AR\
 Data File : FD023065.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2018 13:44
 Operator : UA/AJ
 Sample : J2370-05DL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 17 14:12:34 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 2018
 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...	7.292	1363861	10.057 ug/ml
Spiked Amount 50.000		Recovery =	20.11%
6) S 2-Fluorobiphenyl (SURR)	8.157	802710	11.263 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	22.53%
11) S ortho-Terphenyl (SURR)	11.171	804810	5.757 ug/ml
Spiked Amount 50.000		Recovery =	11.51%
Target Compounds			
2) T Naphthalene (C11.7)	5.651	212528	1.553 ug/ml
3) T 2-Methylnaphthalene (...)	6.699	203182	1.488 ug/ml
5) T Acenaphthylene (C15.06)	7.952	614825	4.207 ug/ml
7) T Acenaphthene (C15.5)	8.250	127025	0.752 ug/ml
8) T Fluorene (C16.55)	9.031	415345	2.900 ug/ml
9) T Phenanthrene (C19.36)	10.413	2991581	22.539 ug/ml
10) T Anthracene (C19.43)	10.503	542849	3.880 ug/ml
12) T Fluoranthene (C21.85)	12.223	2991777	21.781 ug/ml
13) T Pyrene (C20.8)	12.516	4023913	28.507 ug/ml
14) T Benzo[a]anthracene (C...	14.438	2343367	18.863 ug/ml
15) T Chrysene (C27.41)	14.438	2343367	15.136 ug/ml
16) T benzo[b]fluoranthene ...	15.992	953886	7.076 ug/ml
17) T Bnezo[k]fluoranthene ...	15.992	953886	5.781 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.417	14086	0.098 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.764	445218	3.431 ug/ml
20) T Dibenz[a,h]anthracene...	17.764	445218	2.676 ug/ml
21) T Benzo[a,h,i]perylene ...	17.974	1377195	9.292 ug/ml

(f)=RT Delta > 1/2 Window

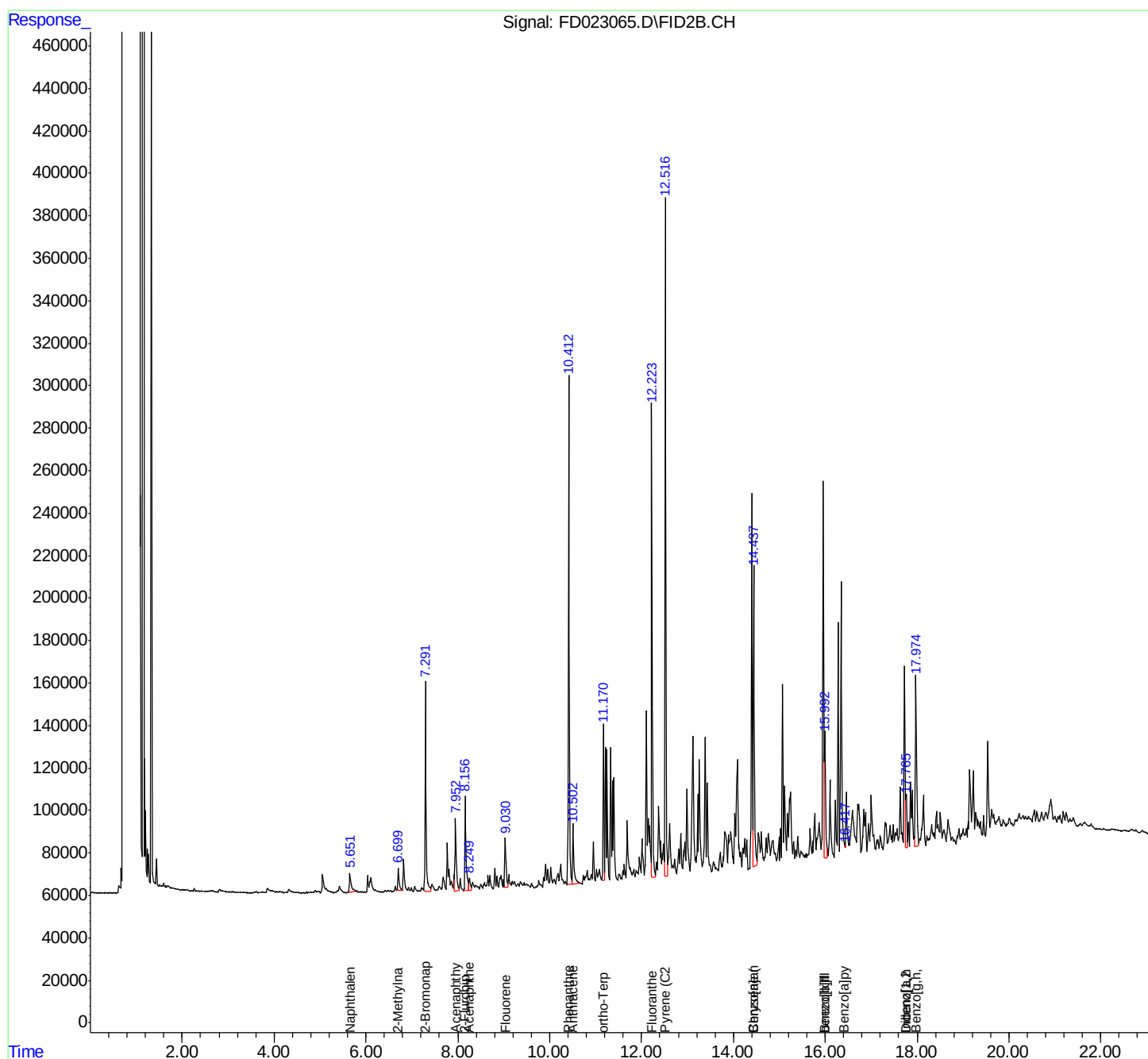
(m)=manual int.

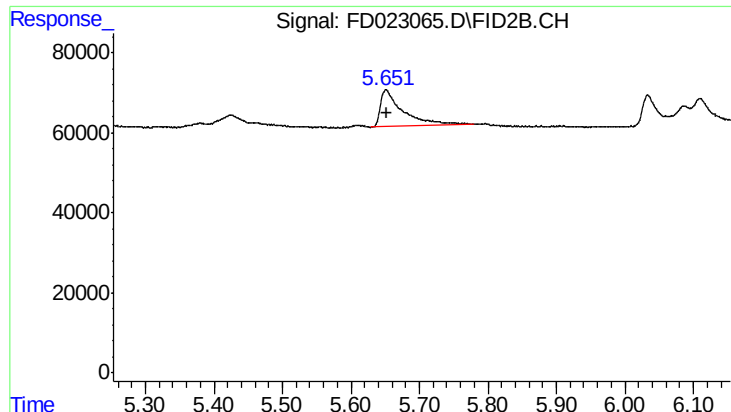
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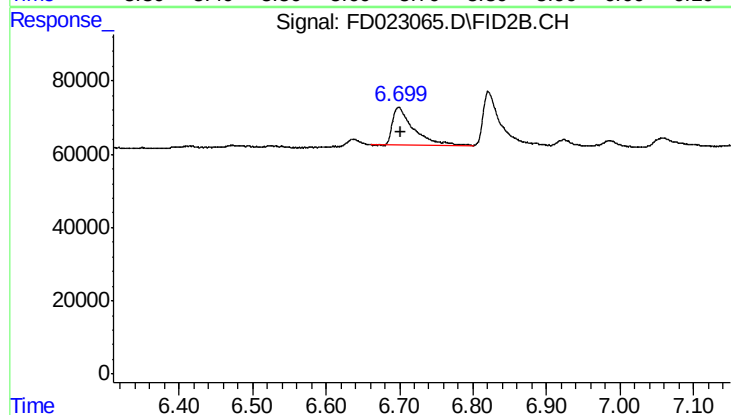




#2 Naphthalene (C11.7)

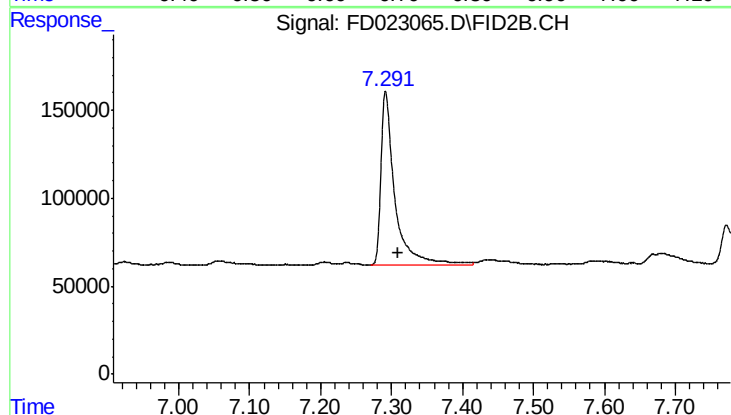
R.T.: 5.651 min
Delta R.T.: -0.002 min
Response: 212528
Conc: 1.55 ug/ml

Instrument :
FID_D
ClientSampleId :



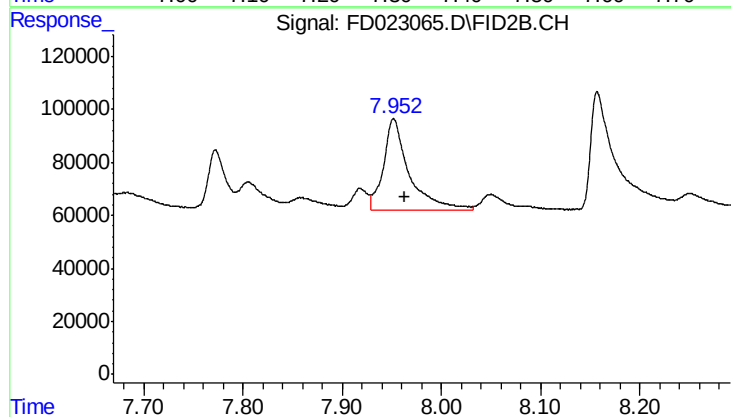
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.699 min
Delta R.T.: -0.004 min
Response: 203182
Conc: 1.49 ug/ml



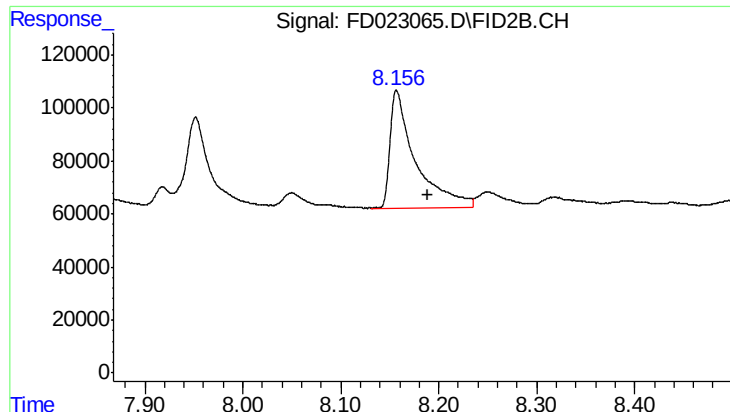
#4 2-Bromonaphthalene (SURR)

R.T.: 7.292 min
Delta R.T.: -0.018 min
Response: 1363861
Conc: 10.06 ug/ml



#5 Acenaphthylene (C15.06)

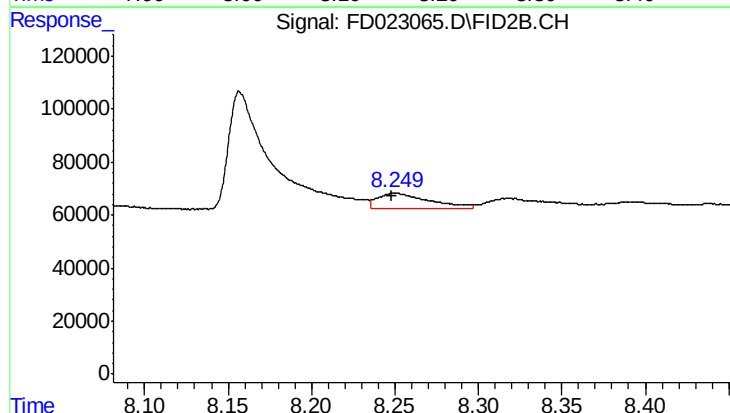
R.T.: 7.952 min
Delta R.T.: -0.011 min
Response: 614825
Conc: 4.21 ug/ml



#6 2-Fluorobiphenyl (SURR)

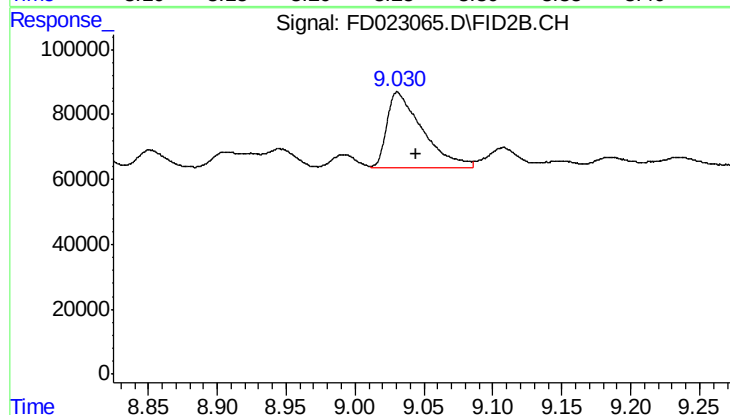
R.T.: 8.157 min
Delta R.T.: -0.031 min
Response: 802710
Conc: 11.26 ug/ml

Instrument :
FID_D
ClientSampleId :



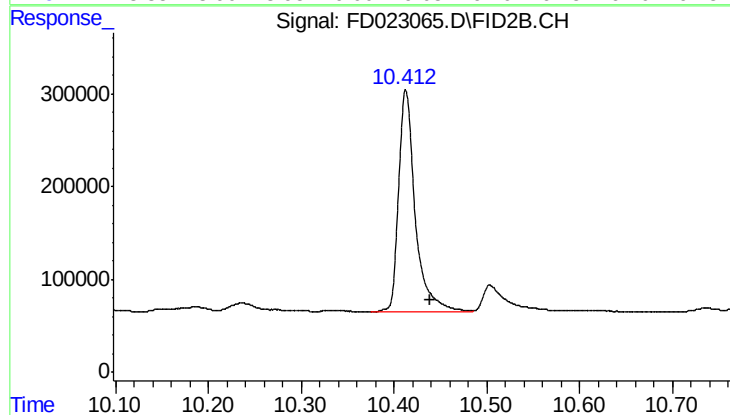
#7 Acenaphthene (C15.5)

R.T.: 8.250 min
Delta R.T.: 0.002 min
Response: 127025
Conc: 0.75 ug/ml



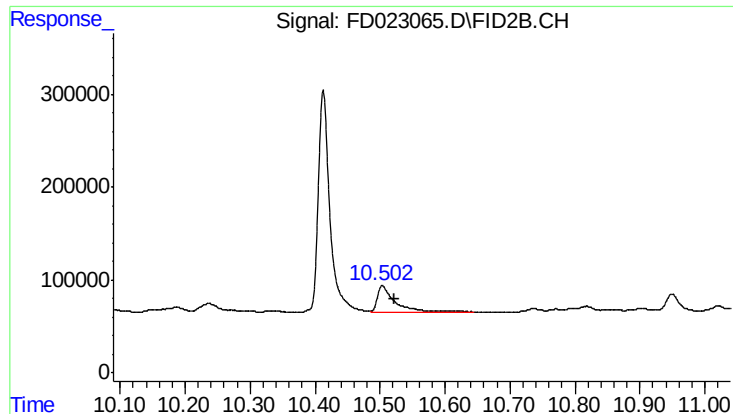
#8 Flouorene (C16.55)

R.T.: 9.031 min
Delta R.T.: -0.013 min
Response: 415345
Conc: 2.90 ug/ml



#9 Phenanthrene (C19.36)

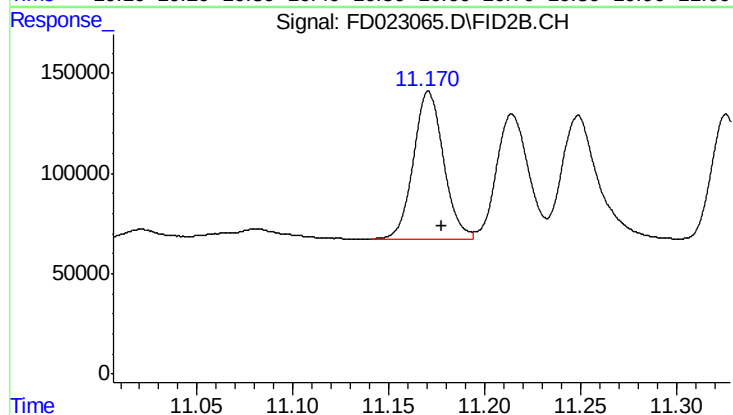
R.T.: 10.413 min
Delta R.T.: -0.026 min
Response: 2991581
Conc: 22.54 ug/ml



#10 Anthracene (C19.43)

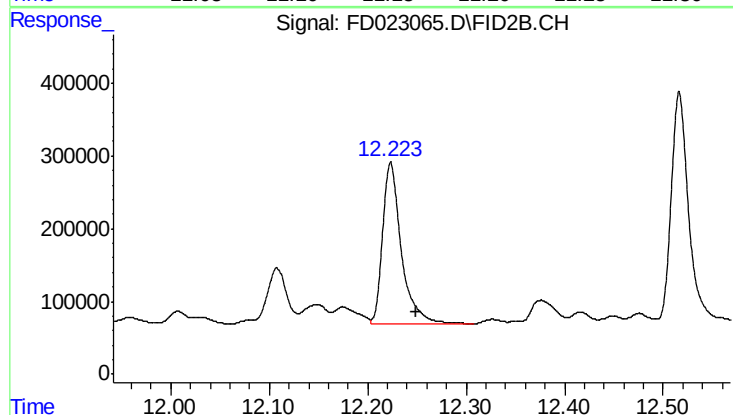
R.T.: 10.503 min
Delta R.T.: -0.019 min
Response: 542849
Conc: 3.88 ug/ml

Instrument :
FID_D
ClientSampleId :



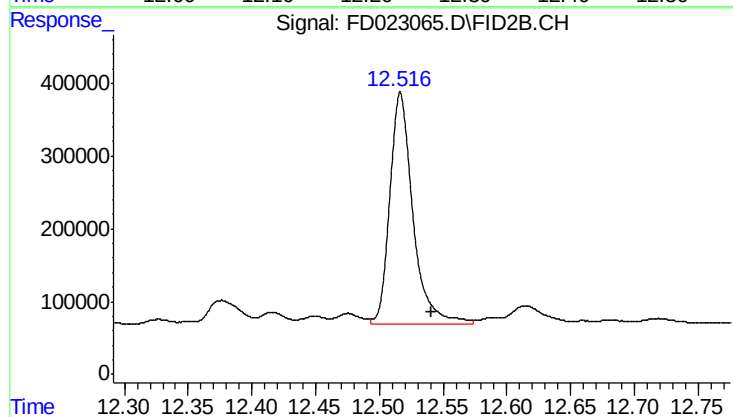
#11 ortho-Terphenyl (SURR)

R.T.: 11.171 min
Delta R.T.: -0.007 min
Response: 804810
Conc: 5.76 ug/ml



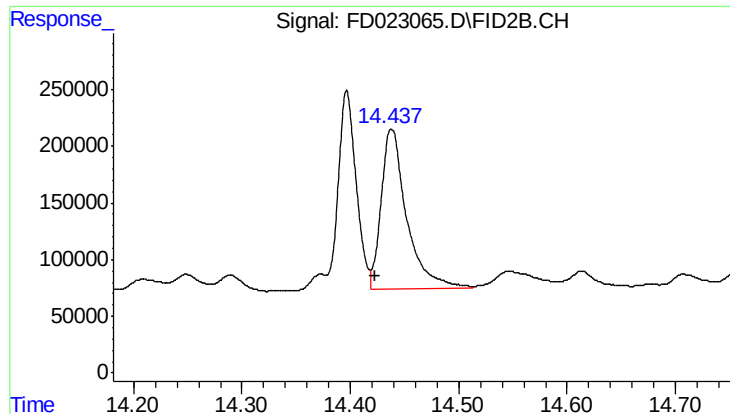
#12 Fluoranthene (C21.85)

R.T.: 12.223 min
Delta R.T.: -0.025 min
Response: 2991777
Conc: 21.78 ug/ml



#13 Pyrene (C20.8)

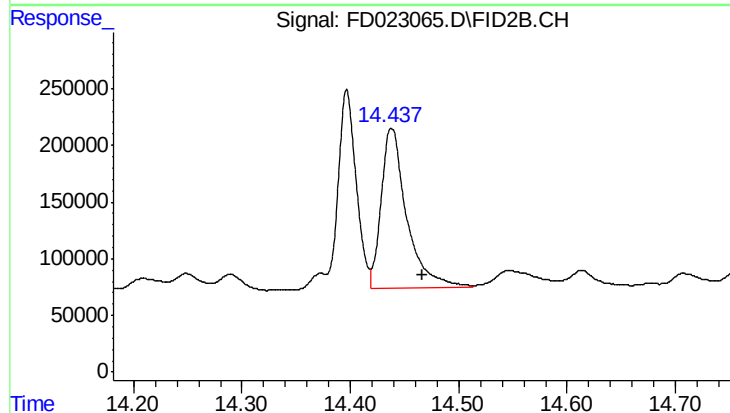
R.T.: 12.516 min
Delta R.T.: -0.024 min
Response: 4023913
Conc: 28.51 ug/ml



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

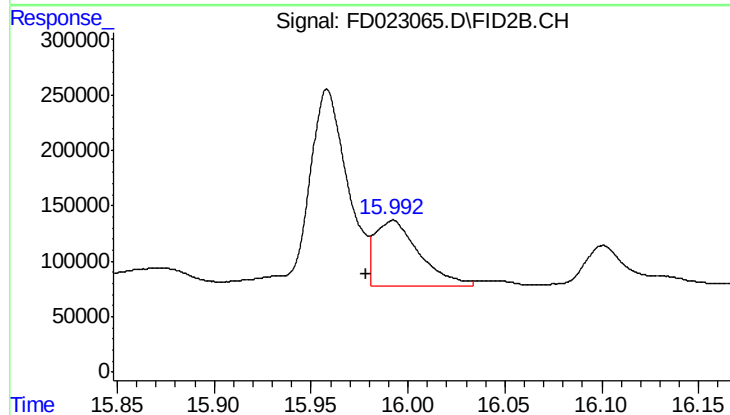
R.T.: 14.438 min
Delta R.T.: 0.016 min
Response: 2343367
Conc: 18.86 ug/ml

Instrument :
FID_D
ClientSampleId :



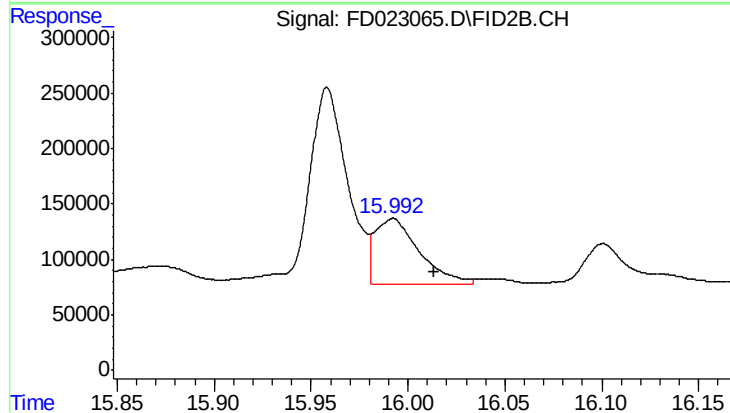
#15 Chrysene (C27.41)

R.T.: 14.438 min
Delta R.T.: -0.028 min
Response: 2343367
Conc: 15.14 ug/ml



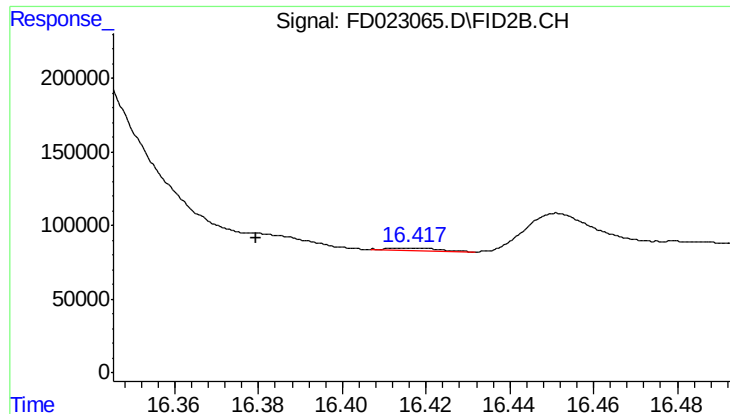
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.992 min
Delta R.T.: 0.014 min
Response: 953886
Conc: 7.08 ug/ml



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

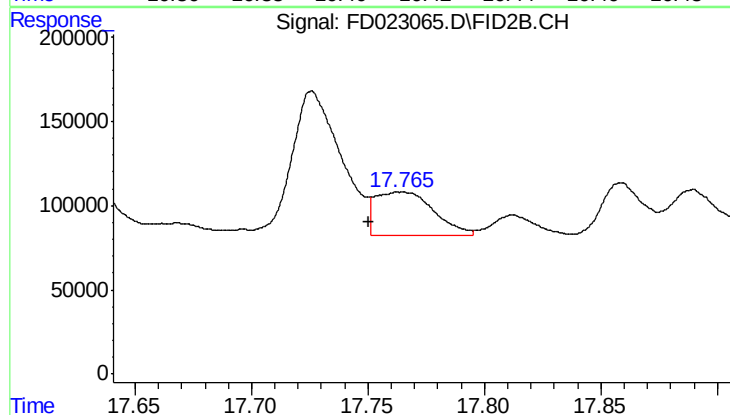
R.T.: 15.992 min
Delta R.T.: -0.021 min
Response: 953886
Conc: 5.78 ug/ml



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

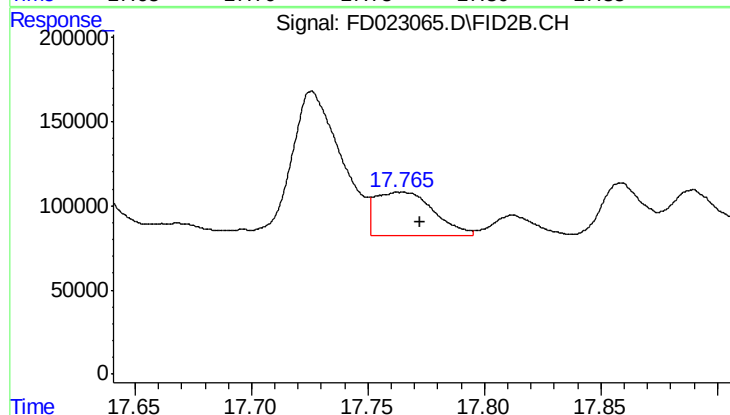
R.T.: 16.417 min
Delta R.T.: 0.038 min
Response: 14086
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



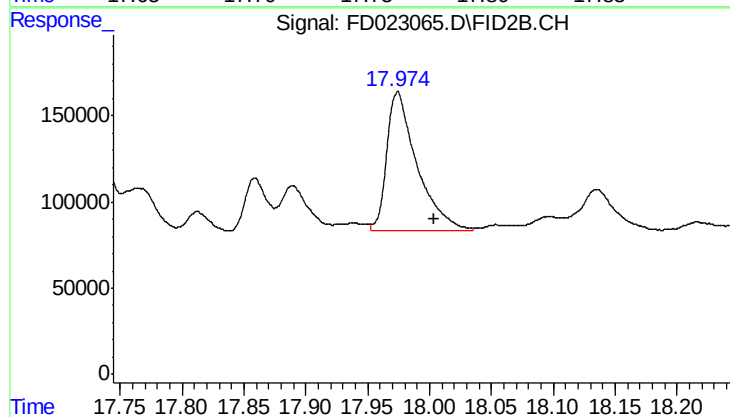
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.764 min
Delta R.T.: 0.014 min
Response: 445218
Conc: 3.43 ug/ml



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

R.T.: 17.764 min
Delta R.T.: -0.008 min
Response: 445218
Conc: 2.68 ug/ml



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

R.T.: 17.974 min
Delta R.T.: -0.029 min
Response: 1377195
Conc: 9.29 ug/ml