

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031522AR\
 Data File : FD041558.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2022 21:10
 Operator : UA/NP
 Sample : N1908-05
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 15 22:44:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.358	6697638	41.452 ug/ml
Spiked Amount 50.000		Recovery =	82.90%
6) S 2-Fluorobiphenyl (SURR)	8.207	4198032	40.329 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.66%
11) S ortho-Terphenyl (SURR)	11.241	6257247	35.673 ug/ml
Spiked Amount 50.000		Recovery =	71.35%
Target Compounds			
2) T Naphthalene (C11.7)	5.739	330464	1.812 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	588268	3.250 ug/ml
5) T Acenaphthylene (C15.06)	8.005	560699	3.136 ug/ml
7) T Acenaphthene (C15.5)	8.295	332332	1.739 ug/ml
8) T Fluorene (C16.55)	9.107	302884	1.769 ug/ml
9) T Phenanthrene (C19.36)	10.474	561916	3.420 ug/ml
10) T Anthracene (C19.43)	10.564	424347	2.653 ug/ml
12) T Fluoranthene (C21.85)	12.273	488512	2.908 ug/ml
13) T Pyrene (C20.8)	12.565	236687	1.412 ug/ml
14) T Benzo[a]anthracene (C...	14.417	302817	2.087 ug/ml
15) T Chrysene (C27.41)	14.479	202991	1.233 ug/ml
16) T benzo[b]fluoranthene ...	15.984	130427	0.956 ug/ml
17) T Bnezo[k]fluoranthene ...	16.019	103275	0.700 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.363	100111	0.761 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.713	289749	2.311 ug/ml
20) T Dibenzo[a,h]anthracene...	17.749	347054	2.455 ug/ml
21) T Benzo[g,h,i]perylene ...	17.969	219585	1.696 ug/ml

(f)=RT Delta > 1/2 Window

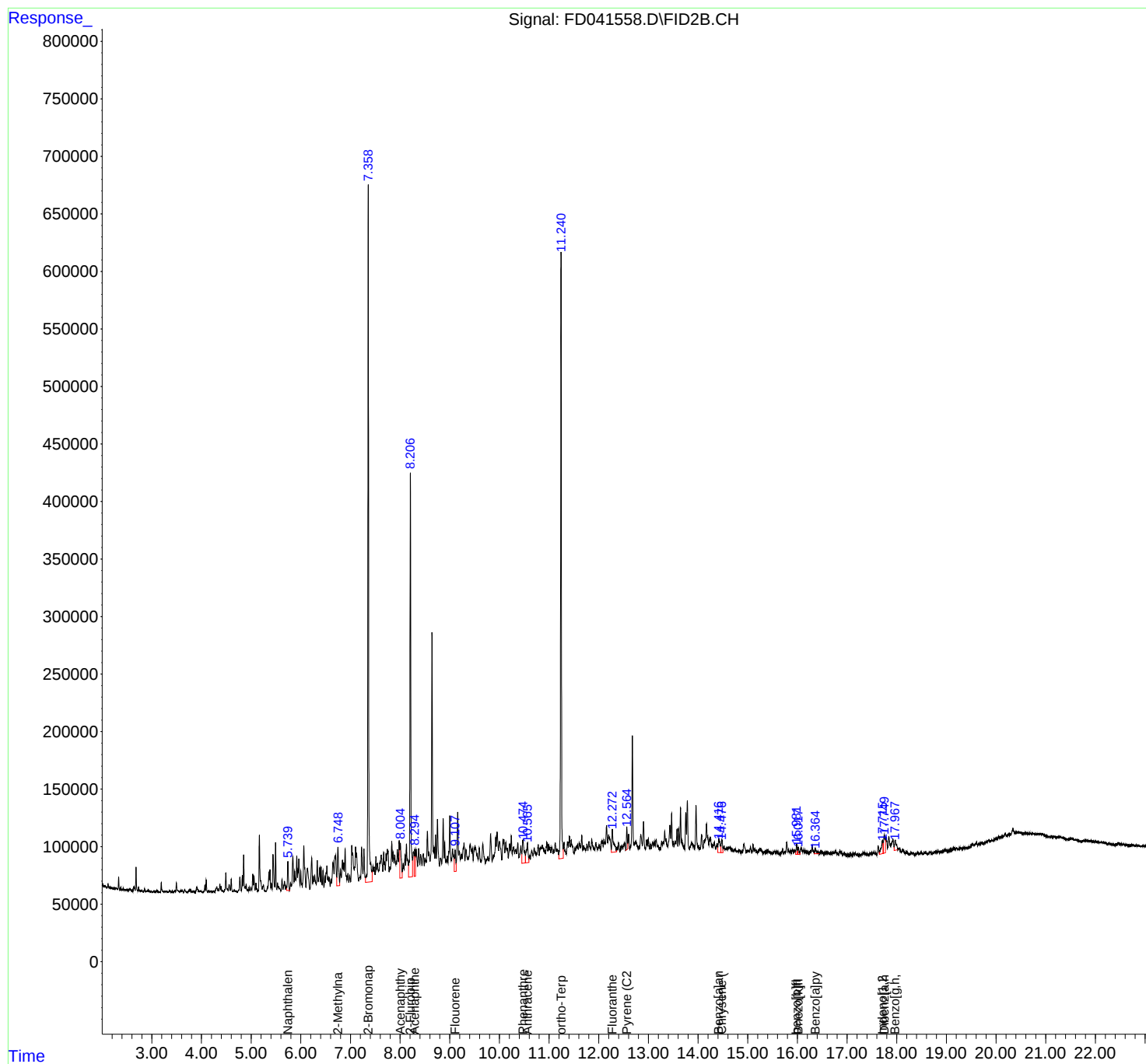
(m)=manual int.

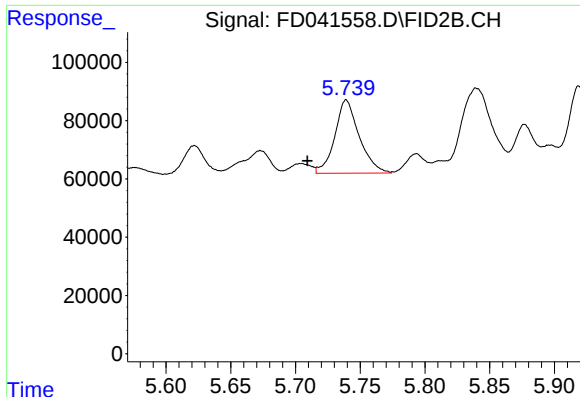
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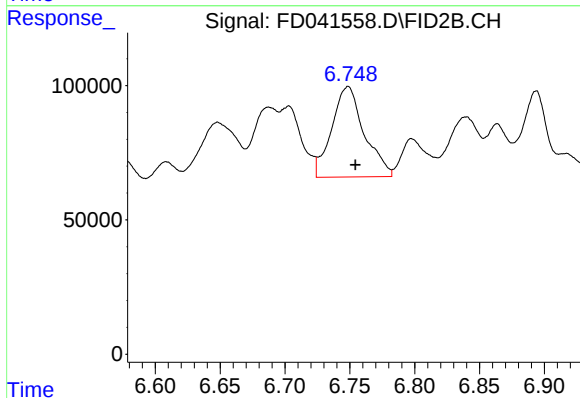




#2 Naphthalene (C11.7)

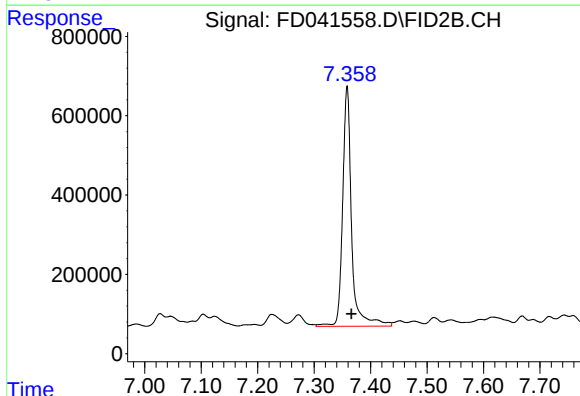
R.T.: 5.739 min
Delta R.T.: 0.030 min
Response: 330464
Conc: 1.81 ug/ml

Instrument :
FID_D
ClientSampleId :



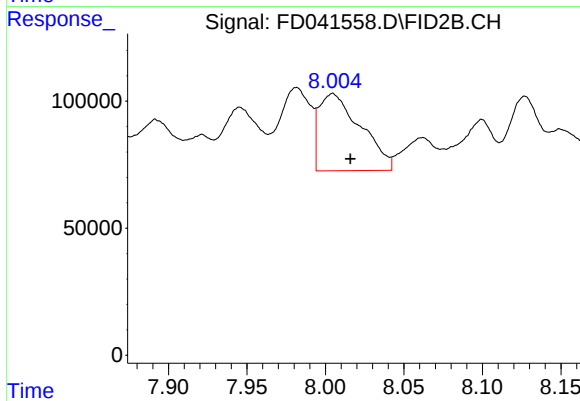
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 588268
Conc: 3.25 ug/ml



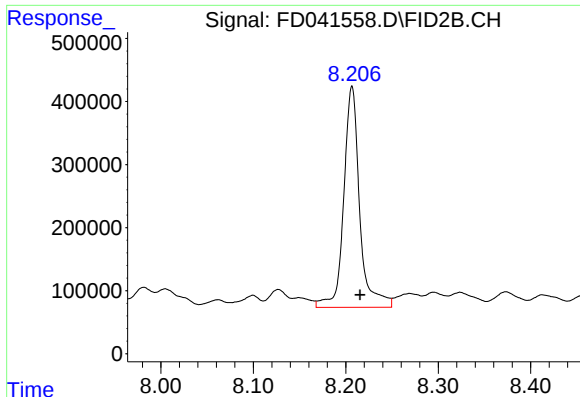
#4 2-Bromonaphthalene (SURR)

R.T.: 7.358 min
Delta R.T.: -0.008 min
Response: 6697638
Conc: 41.45 ug/ml



#5 Acenaphthylene (C15.06)

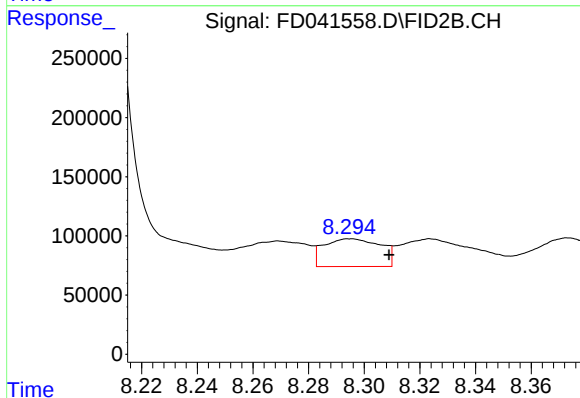
R.T.: 8.005 min
Delta R.T.: -0.011 min
Response: 560699
Conc: 3.14 ug/ml



#6 2-Fluorobiphenyl (SURR)

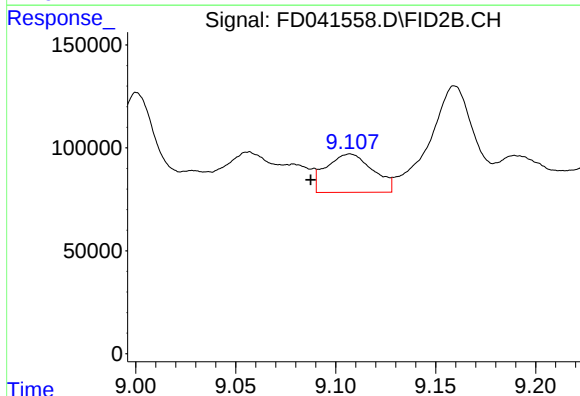
R.T.: 8.207 min
Delta R.T.: -0.009 min
Response: 4198032
Conc: 40.33 ug/ml

Instrument :
FID_D
ClientSampleId :



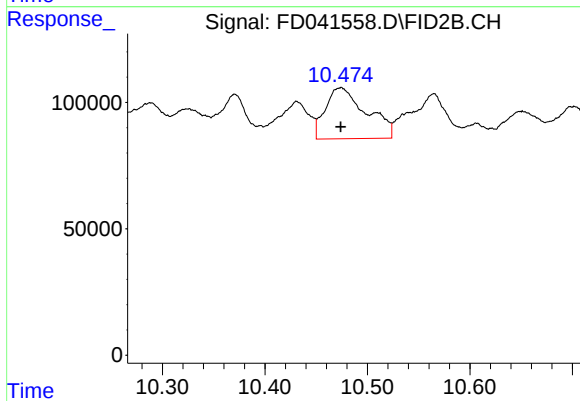
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.014 min
Response: 332332
Conc: 1.74 ug/ml



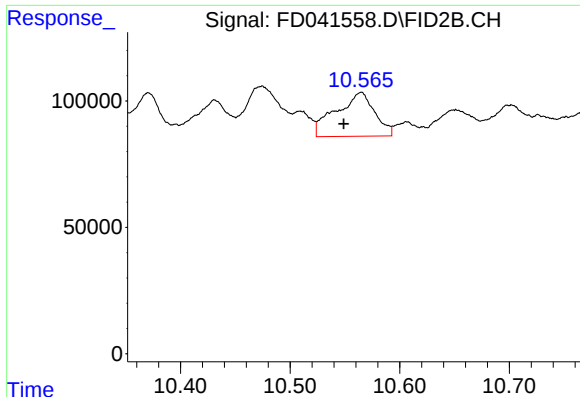
#8 Flouorene (C16.55)

R.T.: 9.107 min
Delta R.T.: 0.019 min
Response: 302884
Conc: 1.77 ug/ml



#9 Phenanthrene (C19.36)

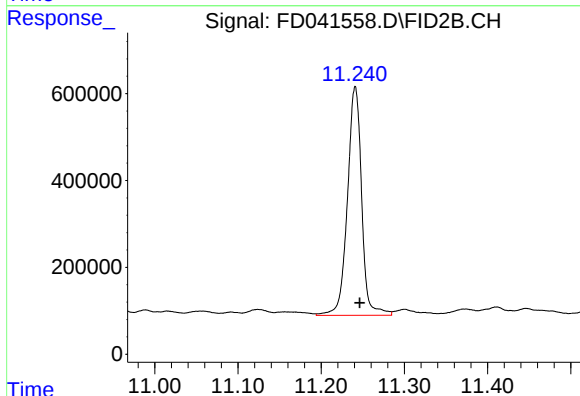
R.T.: 10.474 min
Delta R.T.: 0.000 min
Response: 561916
Conc: 3.42 ug/ml



#10 Anthracene (C19.43)

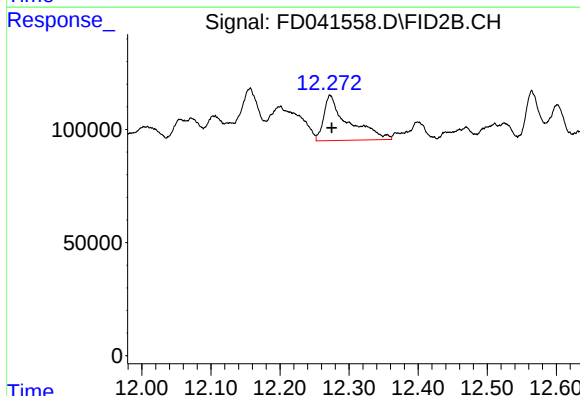
R.T.: 10.564 min
Delta R.T.: 0.016 min
Response: 424347
Conc: 2.65 ug/ml

Instrument :
FID_D
ClientSampleId :



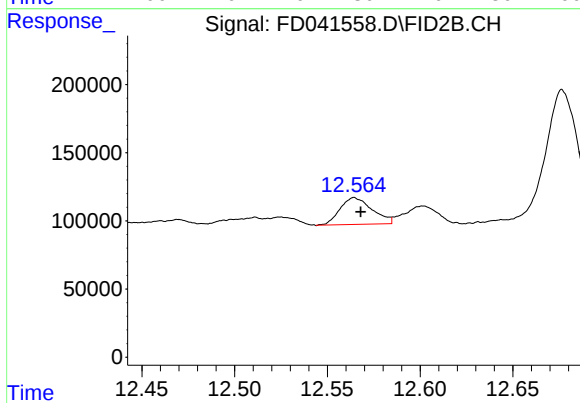
#11 ortho-Terphenyl (SURR)

R.T.: 11.241 min
Delta R.T.: -0.006 min
Response: 6257247
Conc: 35.67 ug/ml



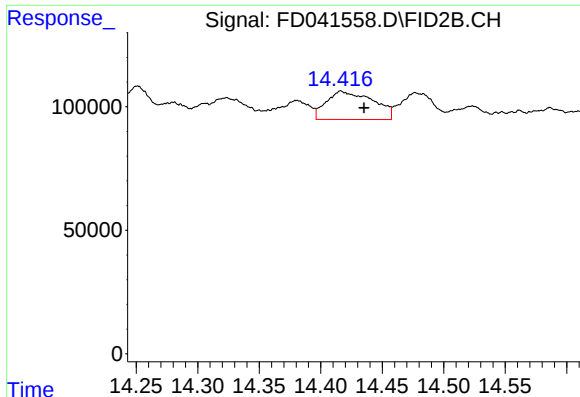
#12 Fluoranthene (C21.85)

R.T.: 12.273 min
Delta R.T.: -0.002 min
Response: 488512
Conc: 2.91 ug/ml



#13 Pyrene (C20.8)

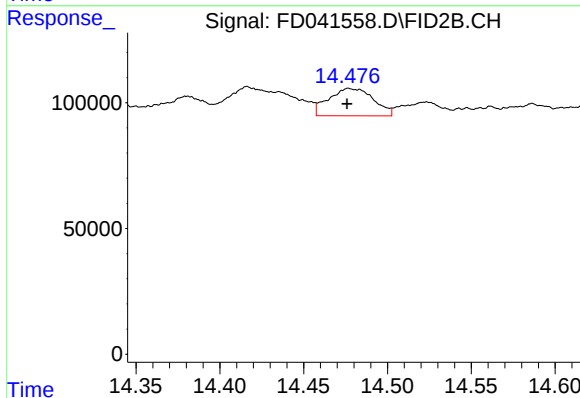
R.T.: 12.565 min
Delta R.T.: -0.003 min
Response: 236687
Conc: 1.41 ug/ml



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

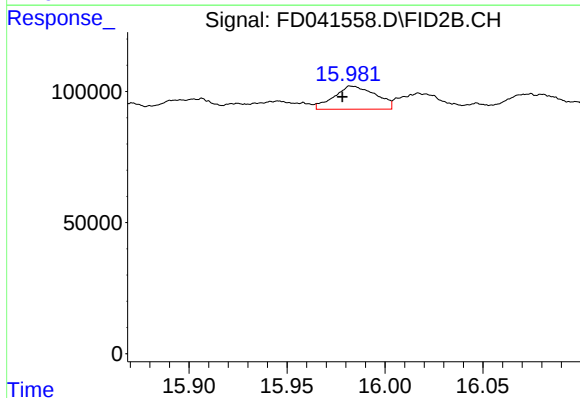
R.T.: 14.417 min
Delta R.T.: -0.018 min
Response: 302817
Conc: 2.09 ug/ml

Instrument :
FID_D
ClientSampleId :



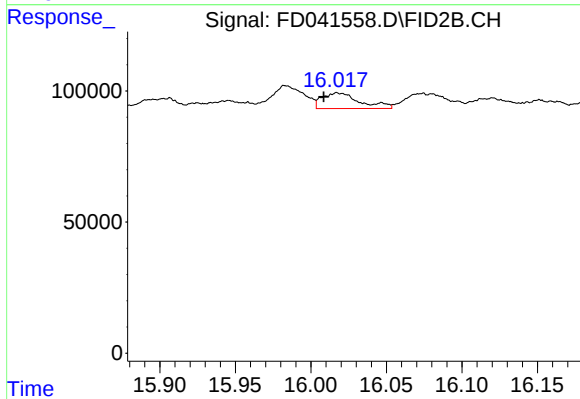
#15 Chrysene (C27.41)

R.T.: 14.479 min
Delta R.T.: 0.003 min
Response: 202991
Conc: 1.23 ug/ml



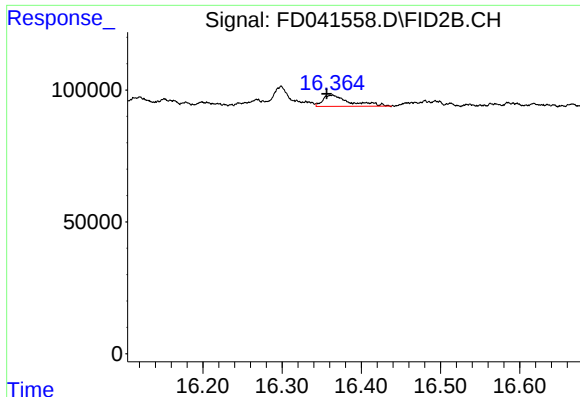
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.984 min
Delta R.T.: 0.006 min
Response: 130427
Conc: 0.96 ug/ml



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

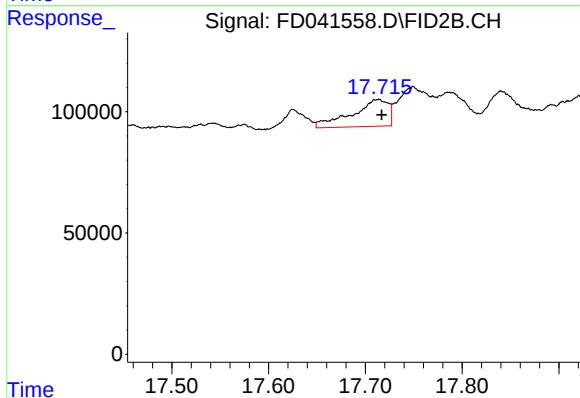
R.T.: 16.019 min
Delta R.T.: 0.010 min
Response: 103275
Conc: 0.70 ug/ml



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

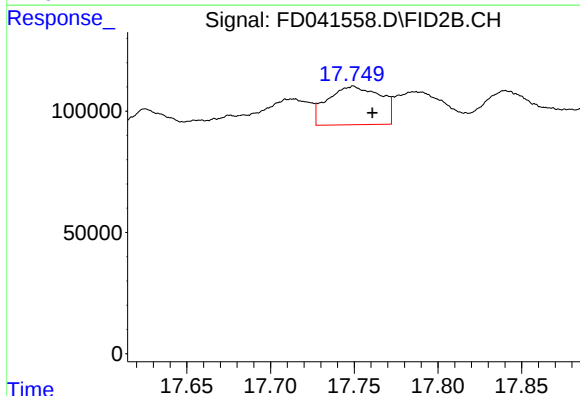
R.T.: 16.363 min
Delta R.T.: 0.007 min
Response: 100111
Conc: 0.76 ug/ml

Instrument :
FID_D
ClientSampleId :



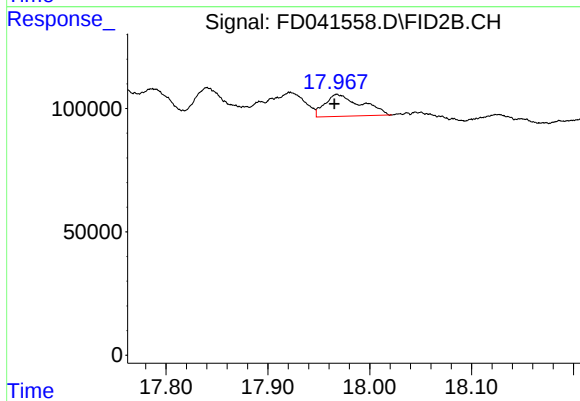
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.713 min
Delta R.T.: -0.004 min
Response: 289749
Conc: 2.31 ug/ml



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

R.T.: 17.749 min
Delta R.T.: -0.012 min
Response: 347054
Conc: 2.46 ug/ml



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

R.T.: 17.969 min
Delta R.T.: 0.003 min
Response: 219585
Conc: 1.70 ug/ml