

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045973.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jun 2023 20:08
 Operator : YP/AJ
 Sample : 03357-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 02:47:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 2023
 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...	7.521	9241261	42.883 ug/ml
Spiked Amount 50.000		Recovery =	85.77%
6) S 2-Fluorobiphenyl (SURR)	8.377	6095732	44.044 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.09%
11) S ortho-Terphenyl (SURR)	11.416	6146746	24.245 ug/ml
Spiked Amount 50.000		Recovery =	48.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.330	54484	0.219 ug/ml
2) T Naphthalene (C11.7)	5.858	73310	0.287 ug/ml
3) T 2-Methylnaphthalene (...)	6.911	1714873	6.802 ug/ml
5) T Acenaphthylene (C15.06)	8.178	764320	3.519 ug/ml
7) T Acenaphthene (C15.5)	8.465	1001454	4.248 ug/ml
8) T Fluorene (C16.55)	9.247	427350	1.889 ug/ml
9) T Phenanthrene (C19.36)	10.640	697313	3.268 ug/ml
10) T Anthracene (C19.43)	10.731	793895	4.996 ug/ml
12) T Fluoranthene (C21.85)	12.449	759189	3.710 ug/ml
13) T Pyrene (C20.8)	12.741	1539087	7.916 ug/ml
14) T Benzo[a]anthracene (C...	14.612	2286028	12.711 ug/ml
15) T Chrysene (C27.41)	14.654	5724109	29.164 ug/ml
16) T benzo[b]fluoranthene ...	16.169	9367407	49.944 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	9367407	47.356 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.527	5501004	31.573 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.879	1224153	6.578 ug/ml
20) T Dibenz[a,h]anthracene...	17.910	1810564	9.848 ug/ml
21) T Benzo[g,h,i]perylene ...	18.148	577612	3.091 ug/ml

(f)=RT Delta > 1/2 Window

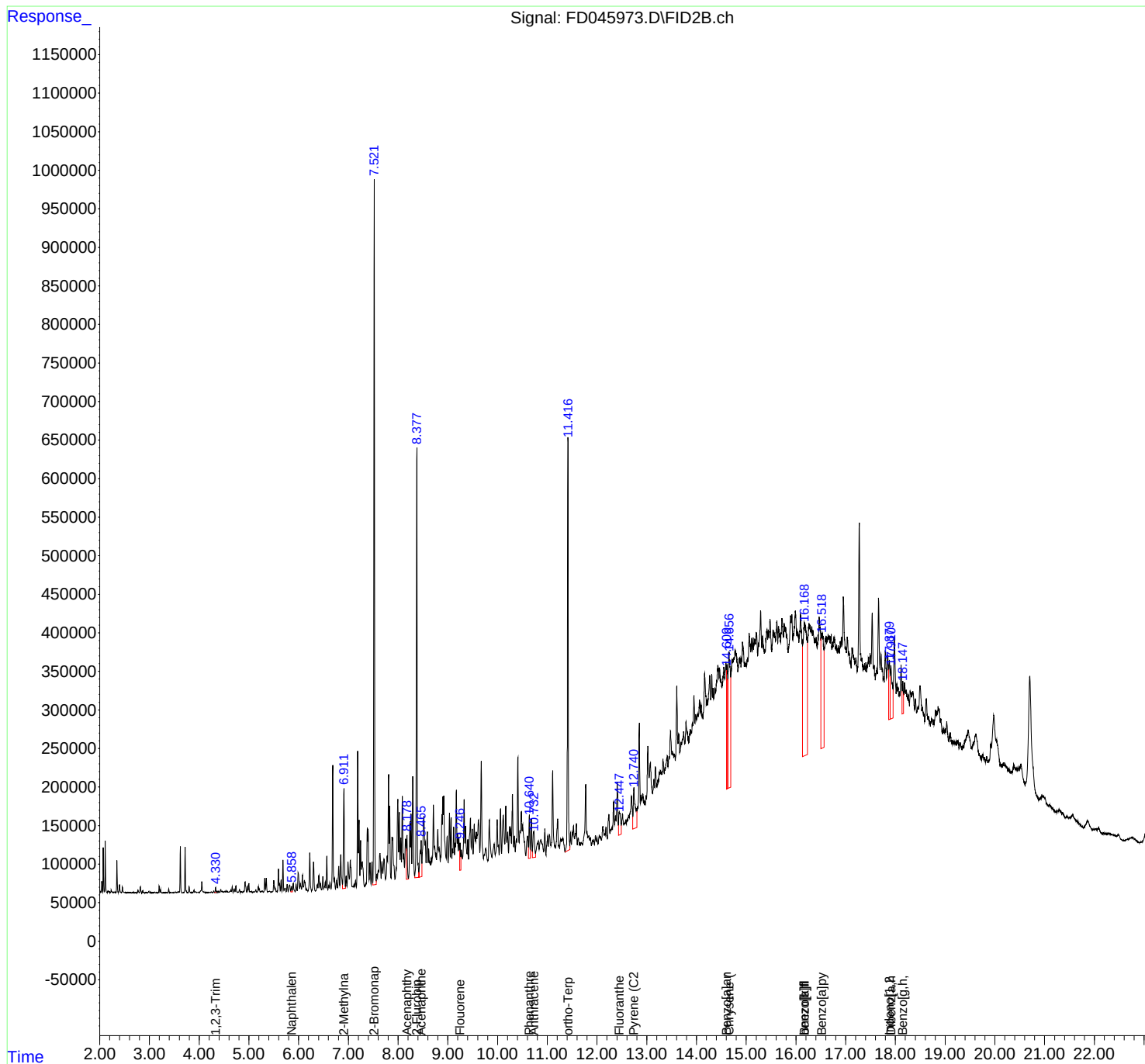
(m)=manual int.

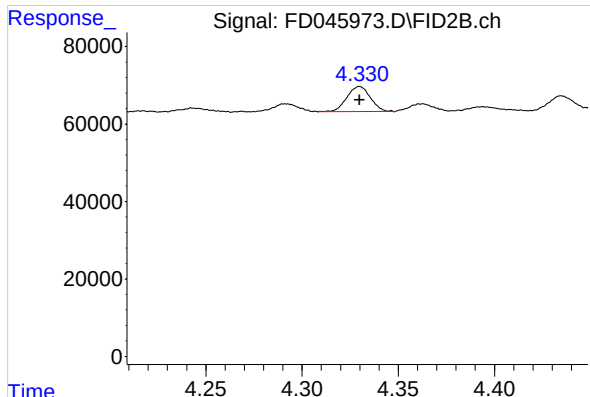
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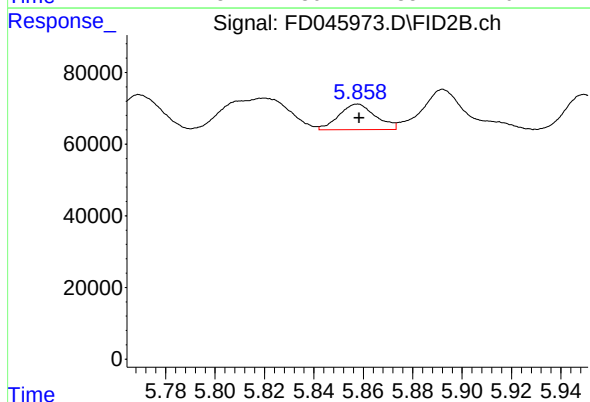




#1 1,2,3-Trimethylbenzene (C10.1)

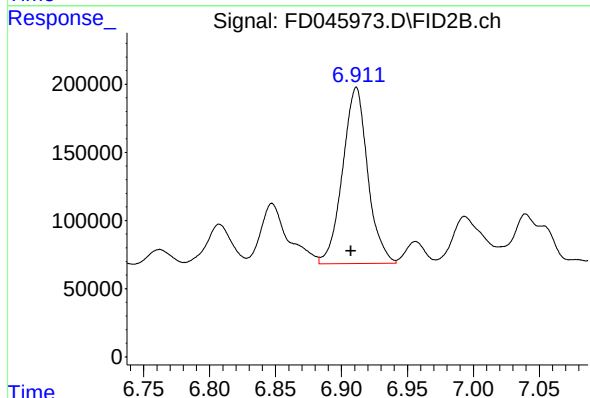
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 54484
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



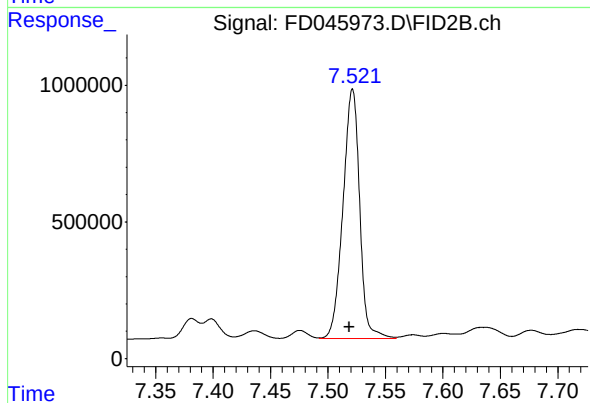
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 73310
Conc: 0.29 ug/ml



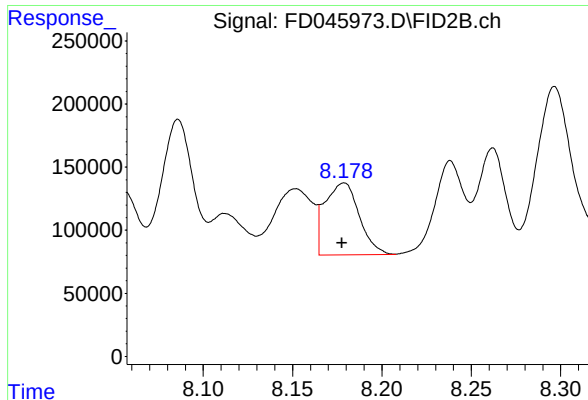
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.911 min
Delta R.T.: 0.004 min
Response: 1714873
Conc: 6.80 ug/ml



#4 2-Bromonaphthalene (SURR)

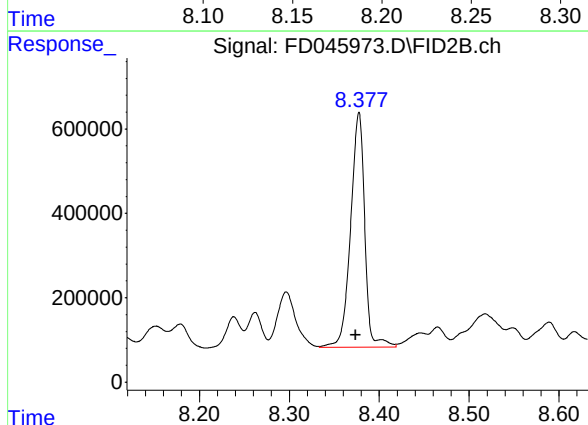
R.T.: 7.521 min
Delta R.T.: 0.003 min
Response: 9241261
Conc: 42.88 ug/ml



#5 Acenaphthylene (C15.06)

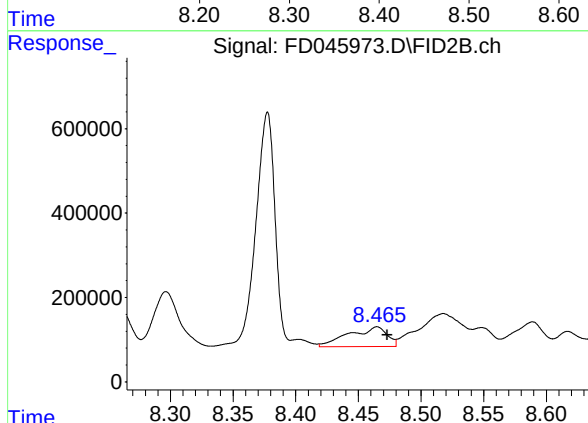
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 764320
Conc: 3.52 ug/ml

Instrument :
FID_D
ClientSampleId :



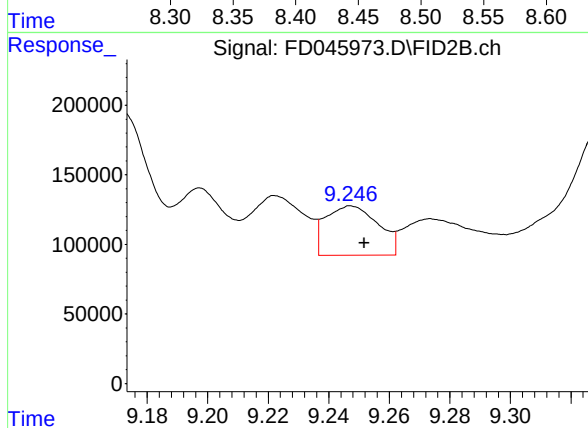
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.377 min
Delta R.T.: 0.004 min
Response: 6095732
Conc: 44.04 ug/ml



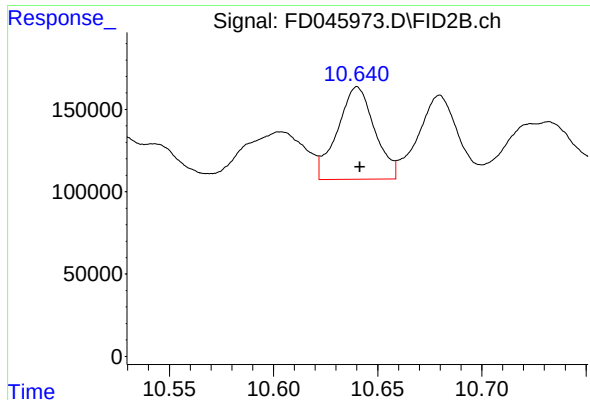
#7 Acenaphthene (C15.5)

R.T.: 8.465 min
Delta R.T.: -0.008 min
Response: 1001454
Conc: 4.25 ug/ml



#8 Flouorene (C16.55)

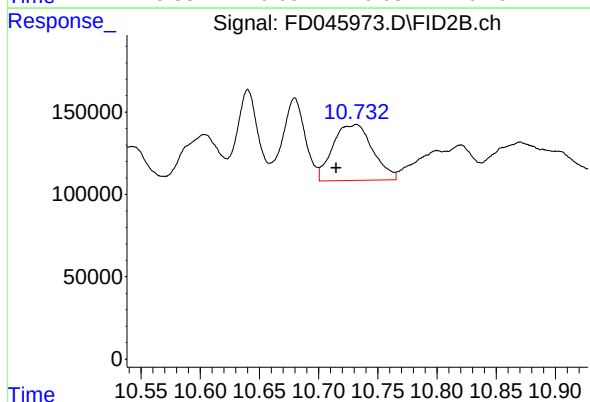
R.T.: 9.247 min
Delta R.T.: -0.005 min
Response: 427350
Conc: 1.89 ug/ml



#9 Phenanthrene (C19.36)

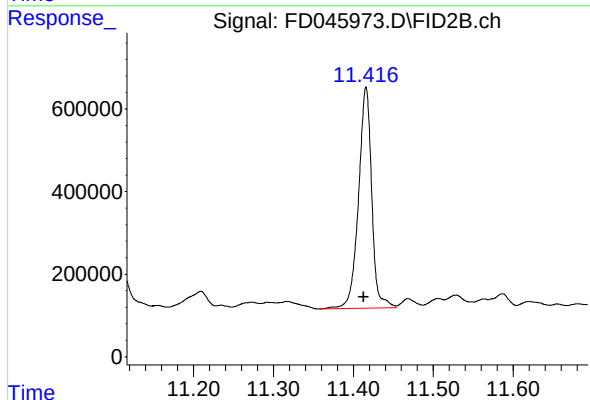
R.T.: 10.640 min
Delta R.T.: -0.001 min
Response: 697313
Conc: 3.27 ug/ml

Instrument :
FID_D
ClientSampleId :



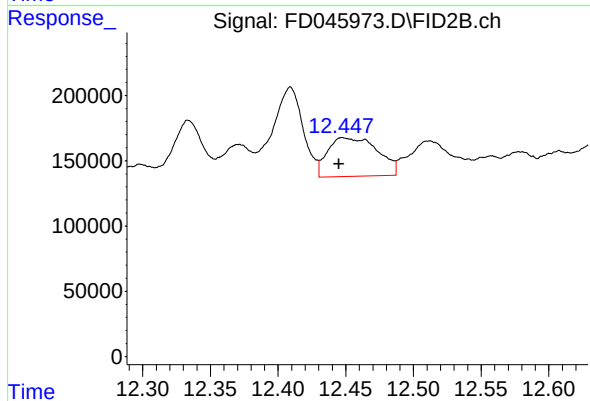
#10 Anthracene (C19.43)

R.T.: 10.731 min
Delta R.T.: 0.016 min
Response: 793895
Conc: 5.00 ug/ml



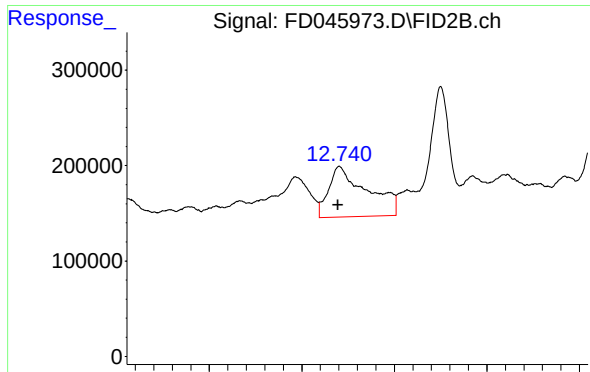
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: 0.003 min
Response: 6146746
Conc: 24.25 ug/ml



#12 Fluoranthene (C21.85)

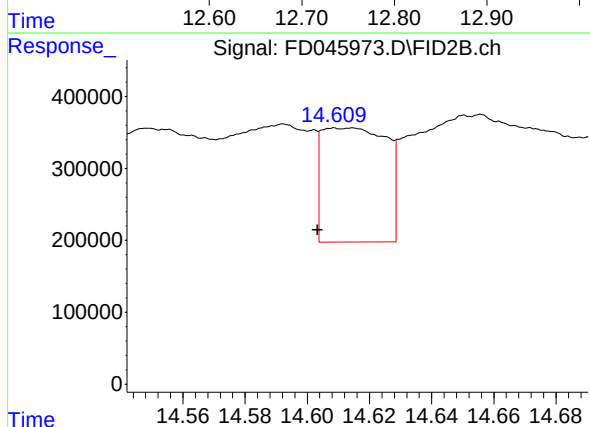
R.T.: 12.449 min
Delta R.T.: 0.004 min
Response: 759189
Conc: 3.71 ug/ml



#13 Pyrene (C20.8)

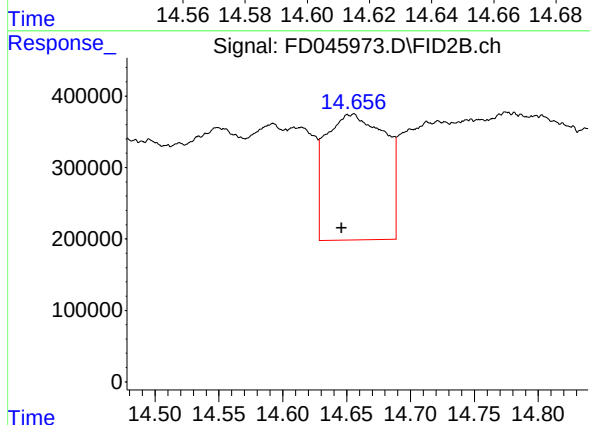
R.T.: 12.741 min
Delta R.T.: 0.002 min
Response: 1539087
Conc: 7.92 ug/ml

Instrument :
FID_D
ClientSampleId :



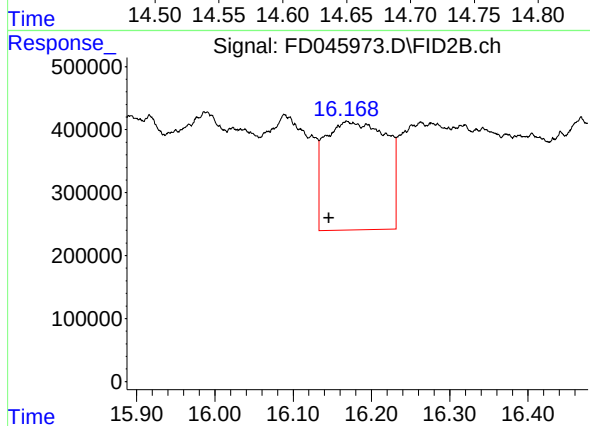
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.612 min
Delta R.T.: 0.009 min
Response: 2286028
Conc: 12.71 ug/ml



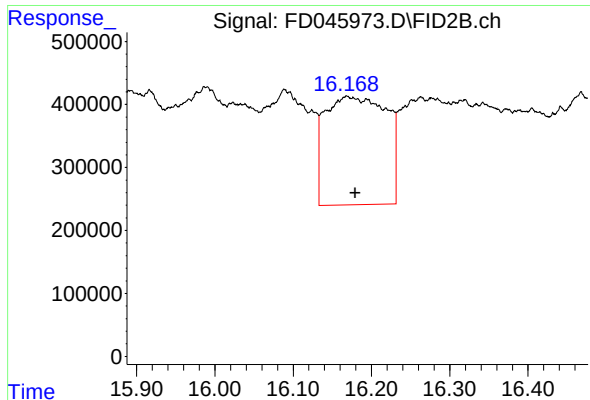
#15 Chrysene (C27.41)

R.T.: 14.654 min
Delta R.T.: 0.008 min
Response: 5724109
Conc: 29.16 ug/ml



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

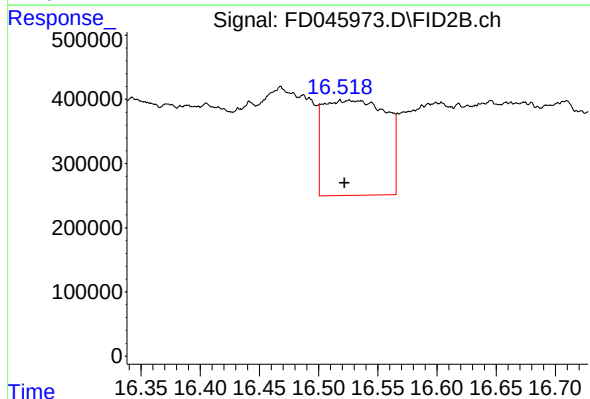
R.T.: 16.169 min
Delta R.T.: 0.023 min
Response: 9367407
Conc: 49.94 ug/ml



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

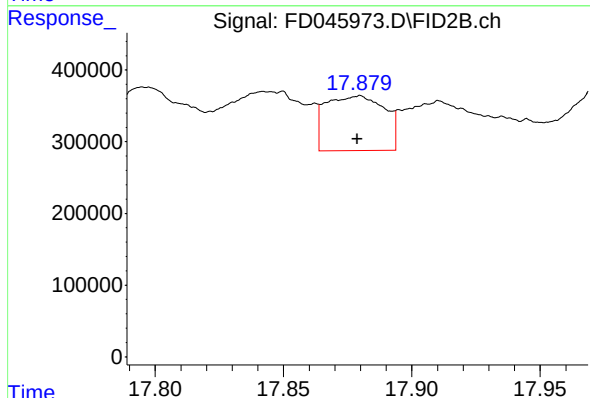
R.T.: 16.169 min
Delta R.T.: -0.011 min
Response: 9367407
Conc: 47.36 ug/ml

Instrument :
FID_D
ClientSampleId :



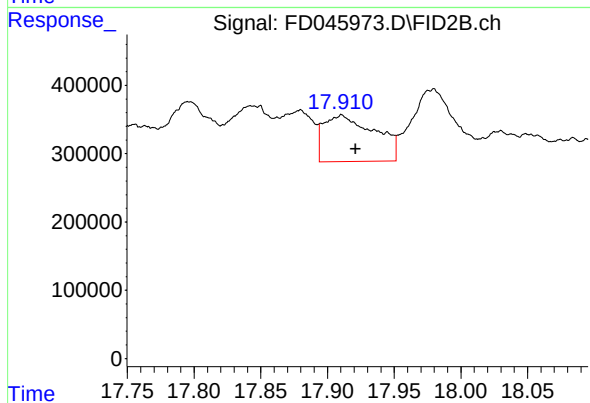
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.527 min
Delta R.T.: 0.005 min
Response: 5501004
Conc: 31.57 ug/ml



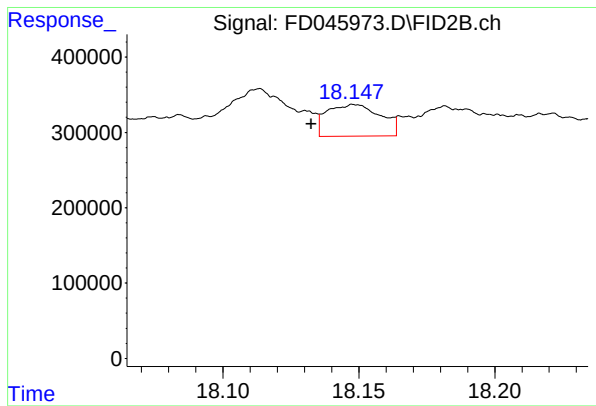
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.879 min
Delta R.T.: 0.000 min
Response: 1224153
Conc: 6.58 ug/ml



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

R.T.: 17.910 min
Delta R.T.: -0.011 min
Response: 1810564
Conc: 9.85 ug/ml



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

R.T.: 18.148 min
Delta R.T.: 0.016 min
Response: 577612
Conc: 3.09 ug/ml

Instrument :

FID_D

ClientSampleId :