

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045070.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2023 19:58
 Operator : YP/AJ
 Sample : 01593-02
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 04:24:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.557	6684181	45.576 ug/ml
Spiked Amount 50.000		Recovery =	91.15%
6) S 2-Fluorobiphenyl (SURR)	8.413	4228068	42.360 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.72%
11) S ortho-Terphenyl (SURR)	11.455	5782810	31.114 ug/ml
Spiked Amount 50.000		Recovery =	62.23%
Target Compounds			
2) T Naphthalene (C11.7)	5.895	238860	1.410 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	247402	1.442 ug/ml
5) T Acenaphthylene (C15.06)	8.214	471799	3.002 ug/ml
7) T Acenaphthene (C15.5)	8.557	96563	0.581 ug/ml
8) T Fluorene (C16.55)	9.288	100978	0.615 ug/ml
9) T Phenanthrene (C19.36)	10.678	845376	5.229 ug/ml
10) T Anthracene (C19.43)	10.752	272193	1.836 ug/ml
12) T Fluoranthene (C21.85)	12.486	2137885	13.358 ug/ml
13) T Pyrene (C20.8)	12.781	2000410	12.748 ug/ml
14) T Benzo[a]anthracene (C...	14.644	1014223	7.106 ug/ml
15) T Chrysene (C27.41)	14.685	1250031	8.443 ug/ml
16) T benzo[b]fluoranthene ...	16.189	1330572	9.172 ug/ml
17) T Bnezo[k]fluoranthene ...	16.216	464240	3.256 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.562	803812	5.752 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.918	585870	4.354 ug/ml
20) T Dibenz[a,h]anthracene...	17.963	242070	1.827 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	555610	4.086 ug/ml

(f)=RT Delta > 1/2 Window

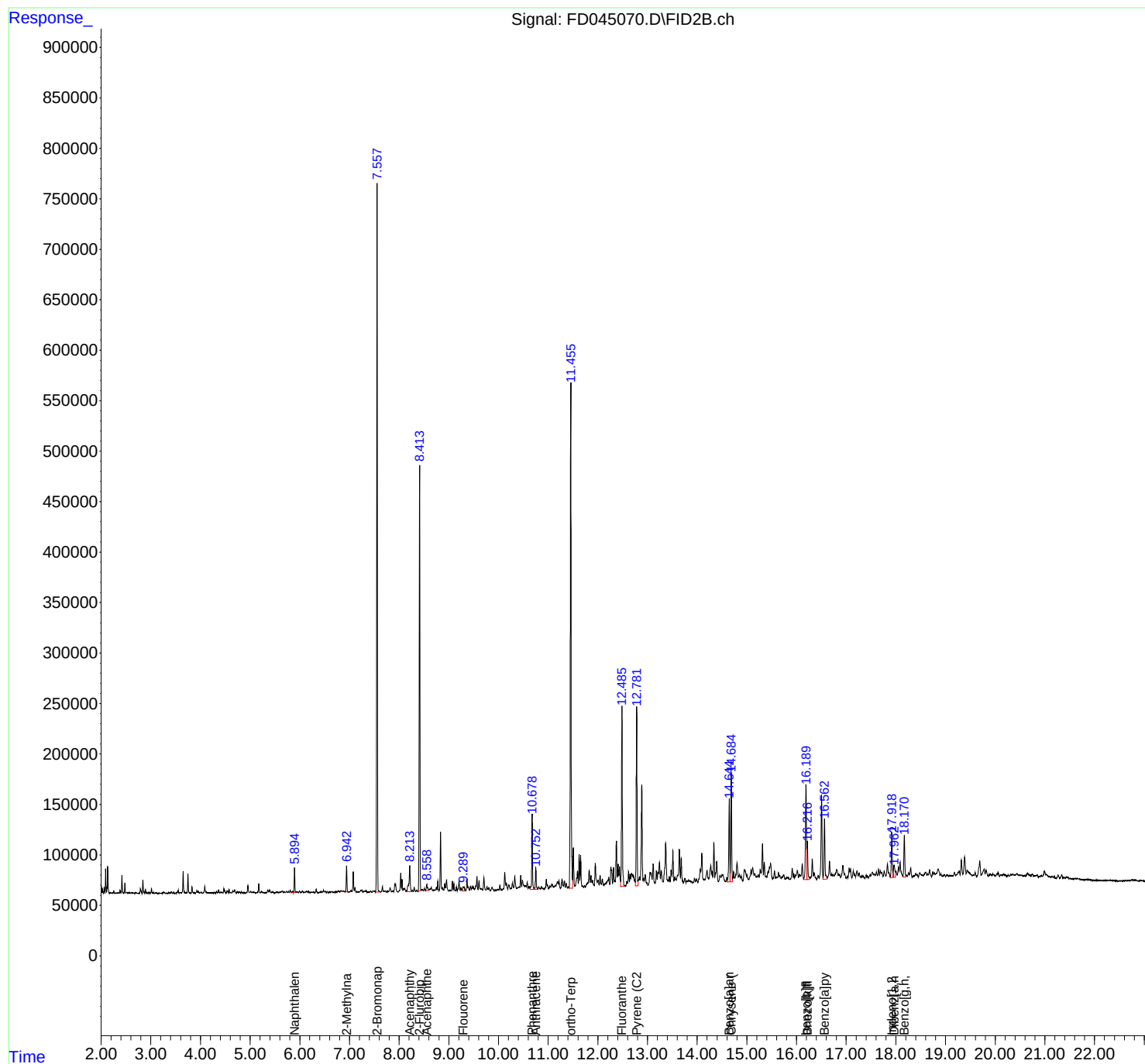
(m)=manual int.

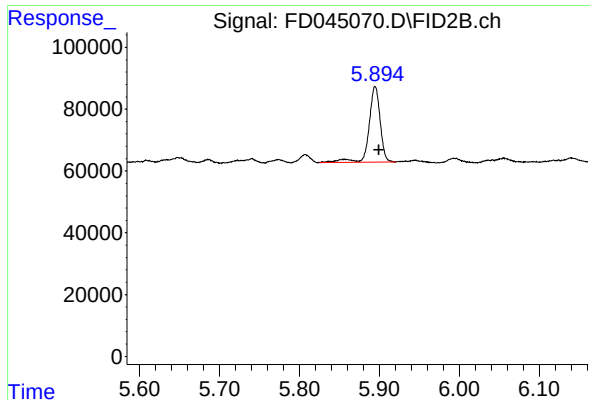
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Signal Info : 20M x 0.18mm x 0.18µm

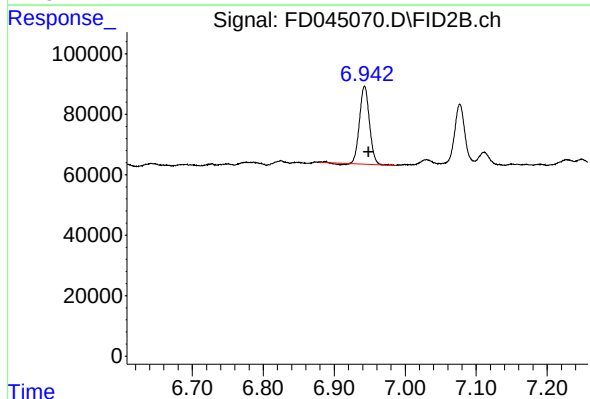




#2 Naphthalene (C11.7)

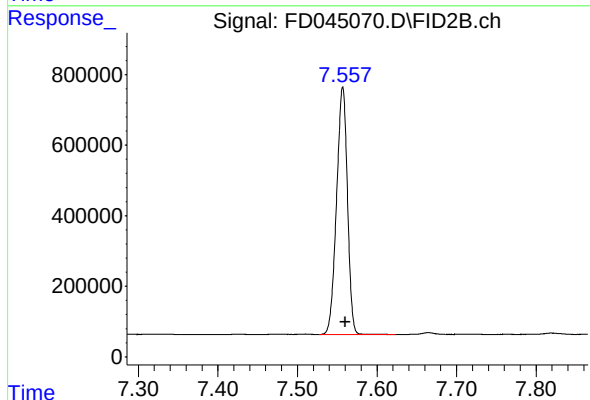
R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 238860
Conc: 1.41 ug/ml

Instrument :
FID_D
ClientSampleId :



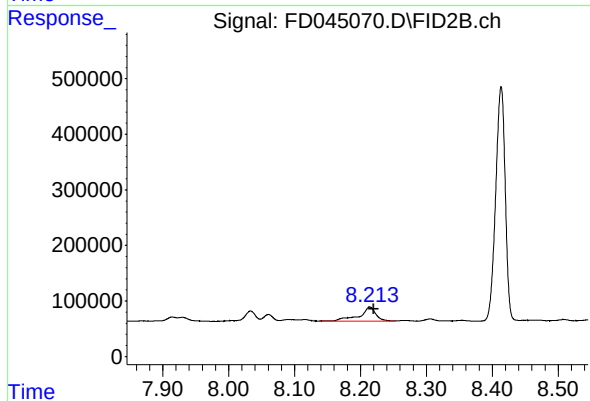
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: -0.006 min
Response: 247402
Conc: 1.44 ug/ml



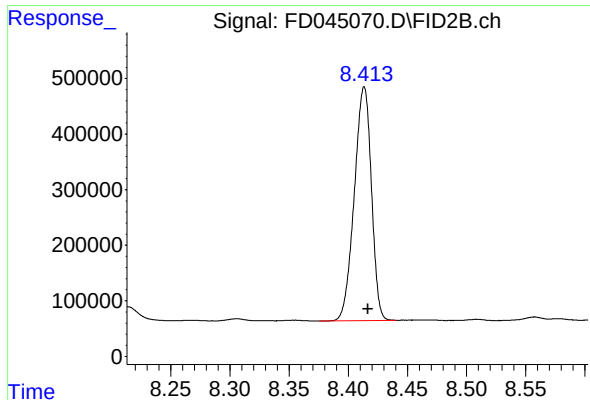
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6684181
Conc: 45.58 ug/ml



#5 Acenaphthylene (C15.06)

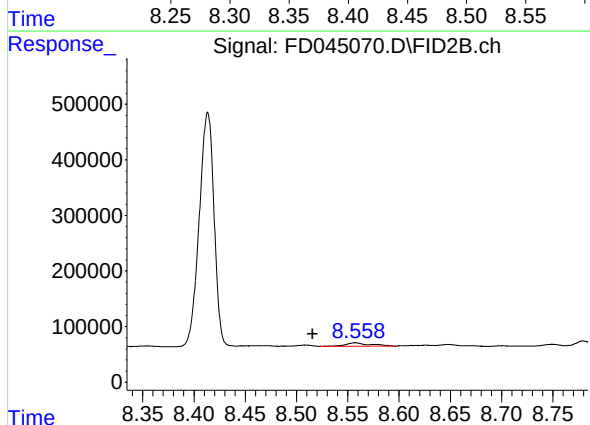
R.T.: 8.214 min
Delta R.T.: -0.006 min
Response: 471799
Conc: 3.00 ug/ml



#6 2-Fluorobiphenyl (SURR)

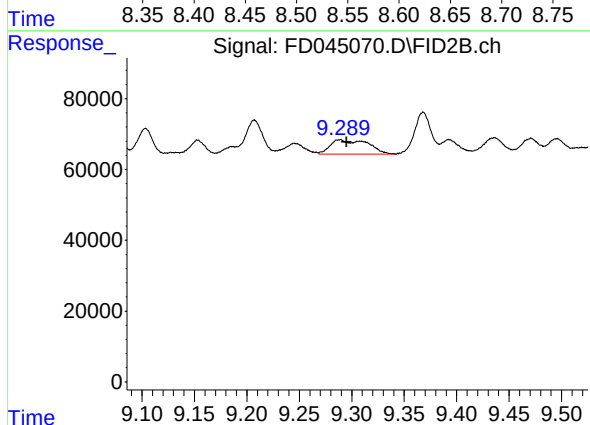
R.T.: 8.413 min
Delta R.T.: -0.003 min
Response: 4228068
Conc: 42.36 ug/ml

Instrument :
FID_D
ClientSampleId :



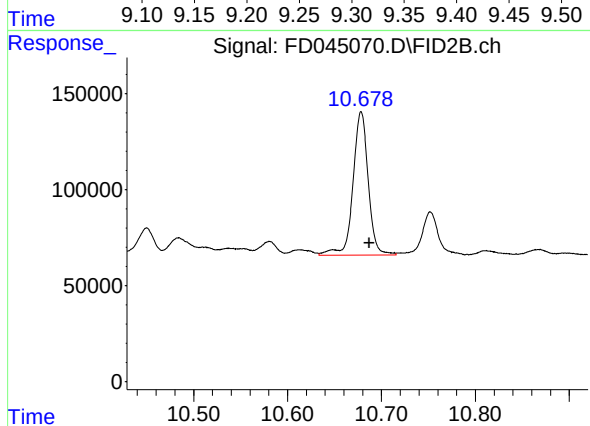
#7 Acenaphthene (C15.5)

R.T.: 8.557 min
Delta R.T.: 0.042 min
Response: 96563
Conc: 0.58 ug/ml



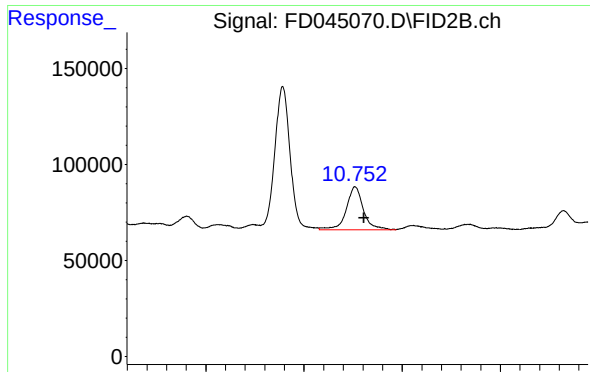
#8 Flouorene (C16.55)

R.T.: 9.288 min
Delta R.T.: -0.007 min
Response: 100978
Conc: 0.62 ug/ml



#9 Phenanthrene (C19.36)

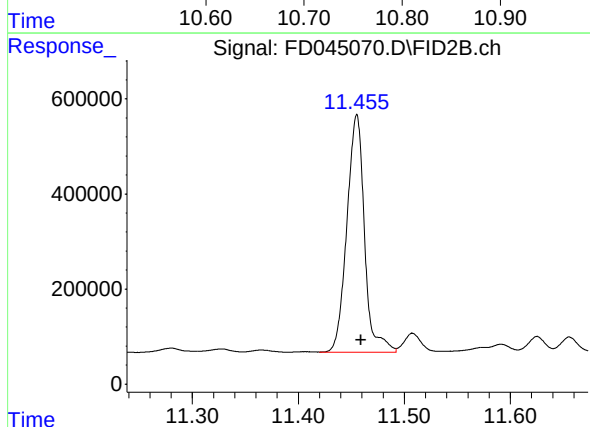
R.T.: 10.678 min
Delta R.T.: -0.009 min
Response: 845376
Conc: 5.23 ug/ml



#10 Anthracene (C19.43)

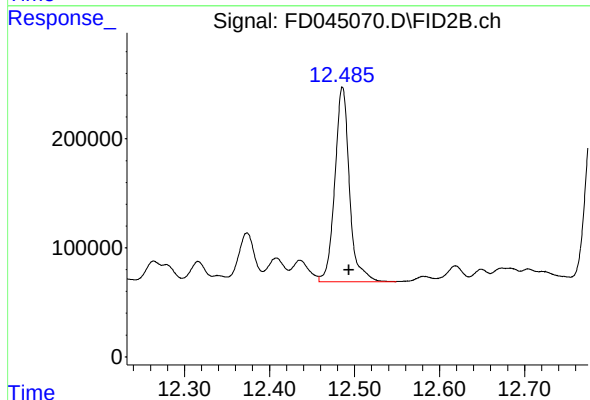
R.T.: 10.752 min
Delta R.T.: -0.009 min
Response: 272193
Conc: 1.84 ug/ml

Instrument :
FID_D
ClientSampleId :



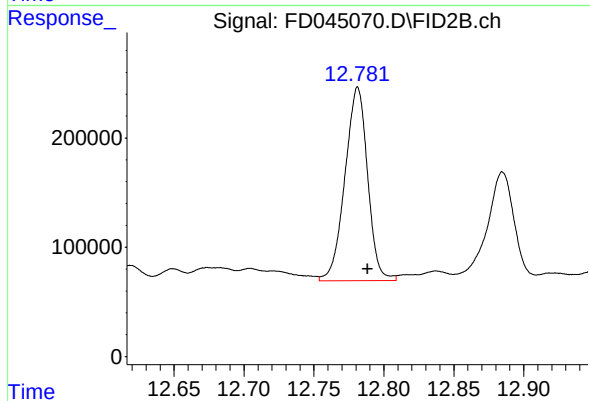
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 5782810
Conc: 31.11 ug/ml



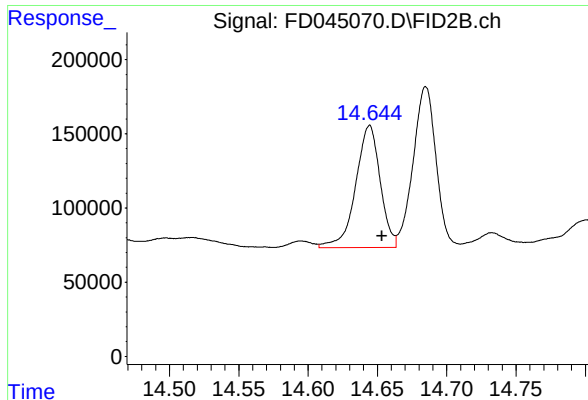
#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: -0.007 min
Response: 2137885
Conc: 13.36 ug/ml



#13 Pyrene (C20.8)

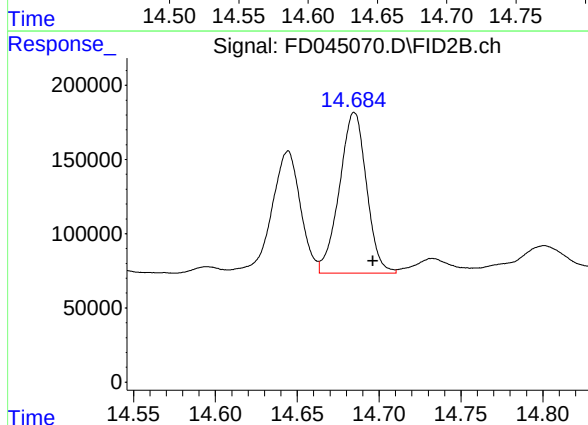
R.T.: 12.781 min
Delta R.T.: -0.007 min
Response: 2000410
Conc: 12.75 ug/ml



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

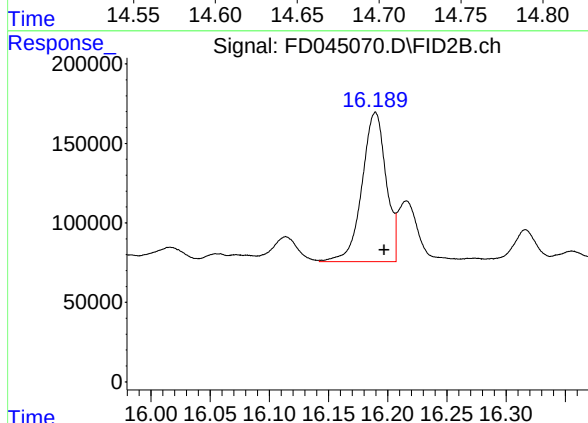
R.T.: 14.644 min
Delta R.T.: -0.009 min
Response: 1014223
Conc: 7.11 ug/ml

Instrument :
FID_D
ClientSampleId :



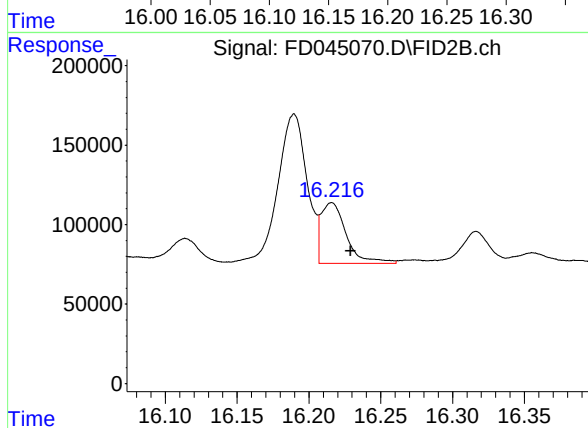
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: -0.011 min
Response: 1250031
Conc: 8.44 ug/ml



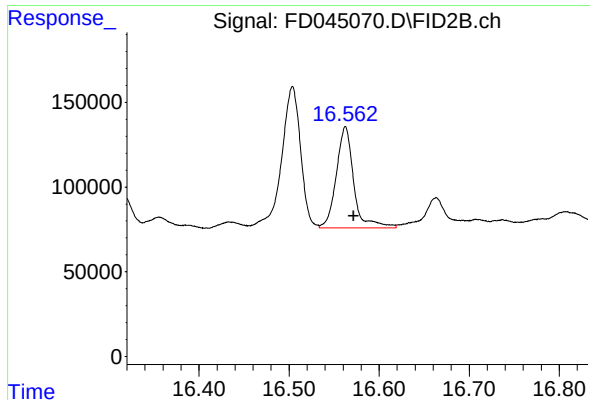
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.189 min
Delta R.T.: -0.008 min
Response: 1330572
Conc: 9.17 ug/ml



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

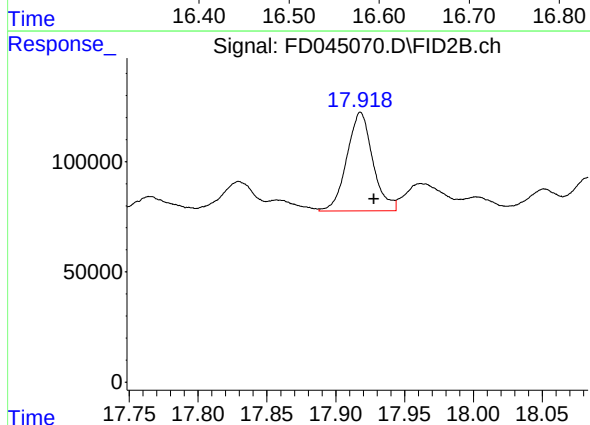
R.T.: 16.216 min
Delta R.T.: -0.014 min
Response: 464240
Conc: 3.26 ug/ml



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

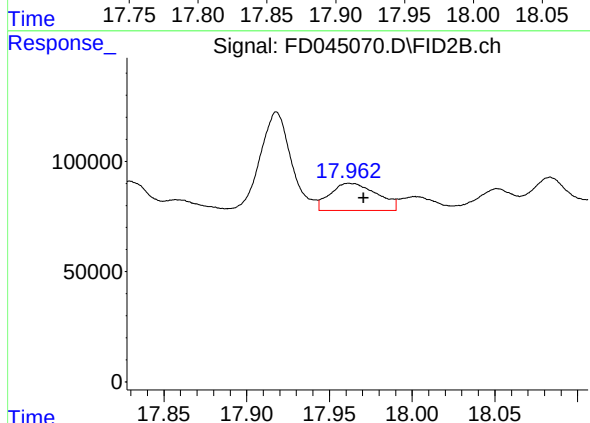
R.T.: 16.562 min
Delta R.T.: -0.009 min
Response: 803812
Conc: 5.75 ug/ml

Instrument :
FID_D
ClientSampleId :



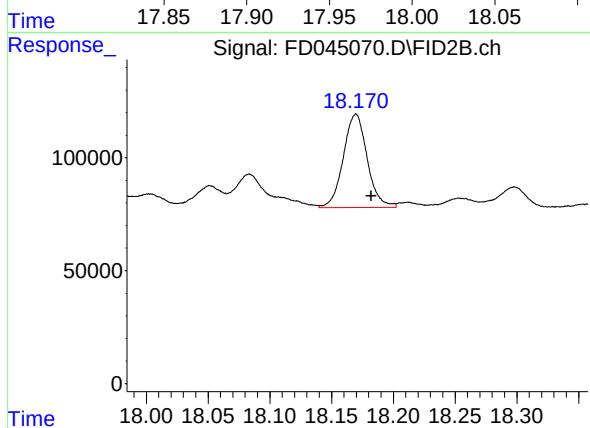
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.918 min
Delta R.T.: -0.010 min
Response: 585870
Conc: 4.35 ug/ml



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

R.T.: 17.963 min
Delta R.T.: -0.008 min
Response: 242070
Conc: 1.83 ug/ml



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

R.T.: 18.169 min
Delta R.T.: -0.013 min
Response: 555610
Conc: 4.09 ug/ml