

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043170.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 02:26
 Operator : YP/AJ
 Sample : N3564-24
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 06 05:29:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.630	7020184	45.465 ug/ml
Spiked Amount 50.000		Recovery =	90.93%
6) S 2-Fluorobiphenyl (SURR)	8.495	4397187	41.690 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.38%
11) S ortho-Terphenyl (SURR)	11.547	6875695	37.831 ug/ml
Spiked Amount 50.000		Recovery =	75.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.421	46545	0.277 ug/ml
2) T Naphthalene (C11.7)	5.964	273790	1.564 ug/ml
3) T 2-Methylnaphthalene (...)	7.013	784207	4.876 ug/ml
5) T Acenaphthylene (C15.06)	8.286	1345747	7.571 ug/ml
7) T Acenaphthene (C15.5)	8.589	978225	5.586 ug/ml
8) T Fluorene (C16.55)	9.375	682459	3.937 ug/ml
9) T Phenanthrene (C19.36)	10.775	2998839	17.485 ug/ml
10) T Anthracene (C19.43)	10.852	1924323	11.327 ug/ml
12) T Fluoranthene (C21.85)	12.602	3872888	23.092 ug/ml
13) T Pyrene (C20.8)	12.899	2413648	14.810 ug/ml
14) T Benzo[a]anthracene (C...	14.778	14430375	92.920 ug/ml
15) T Chrysene (C27.41)	14.822	6302840	39.934 ug/ml
16) T benzo[b]fluoranthene ...	16.336	13326048	87.420 ug/ml
17) T Bnezo[k]fluoranthene ...	16.336	13326048	91.049 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.711	4427093	30.952 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.069	641804	5.129 ug/ml
20) T Dibenz[a,h]anthracene...	18.115	472837	3.517 ug/ml
21) T Benzo[g,h,i]perylene ...	18.330	1634403	12.531 ug/ml

(f)=RT Delta > 1/2 Window

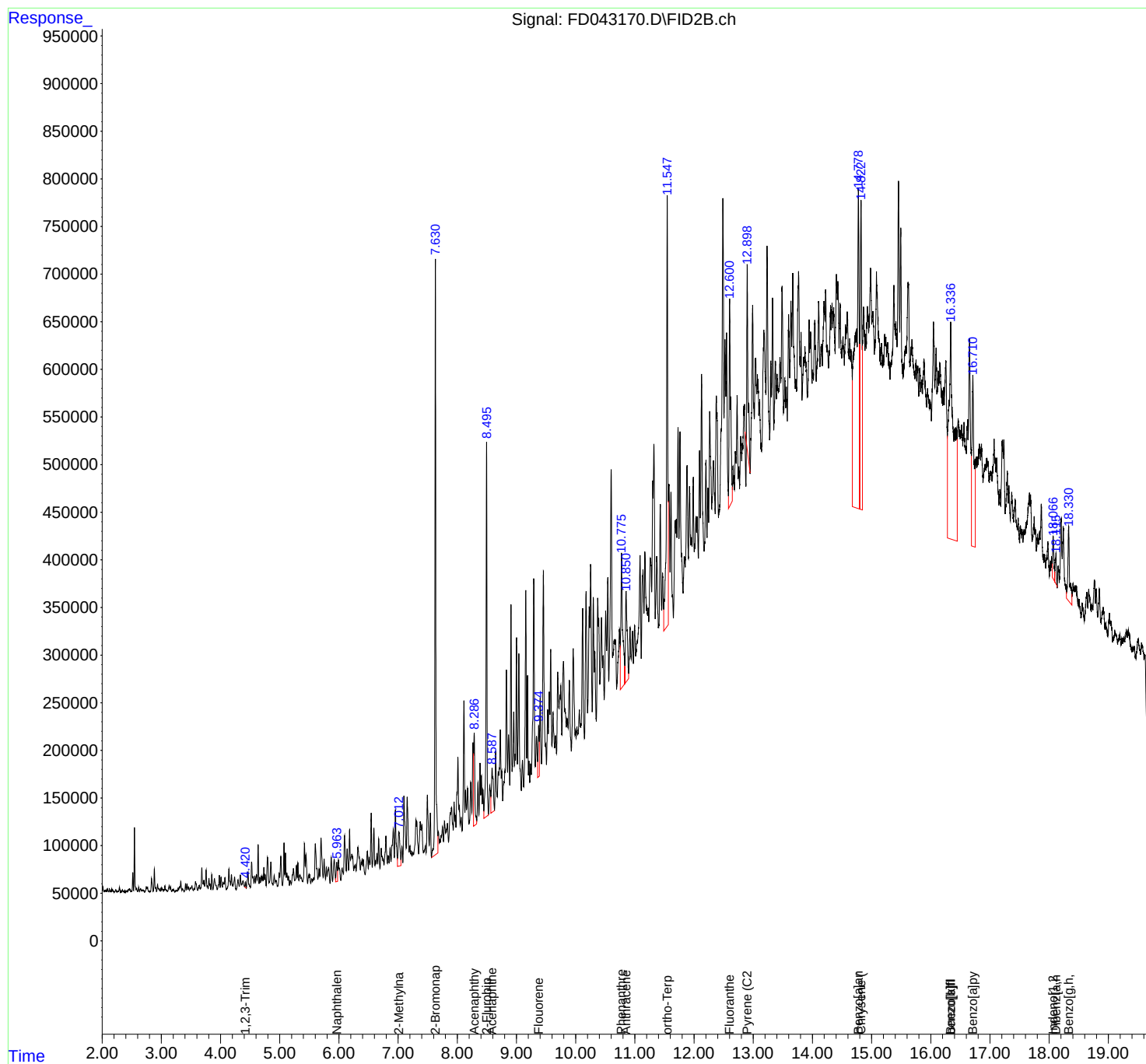
(m)=manual int.

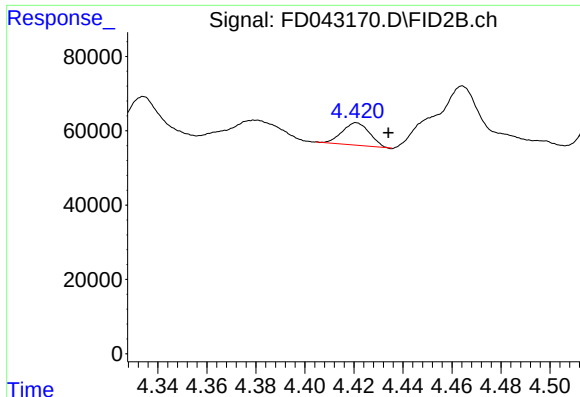
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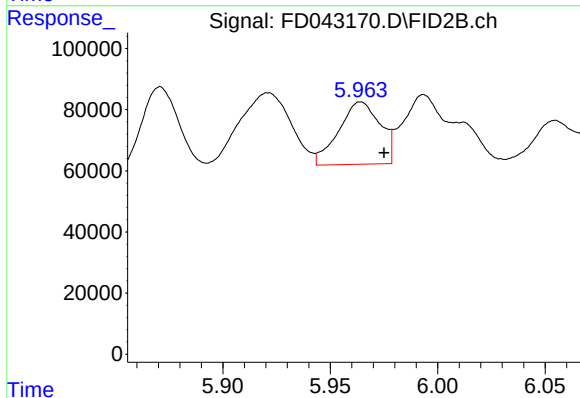




#1 1,2,3-Trimethylbenzene (C10.1)

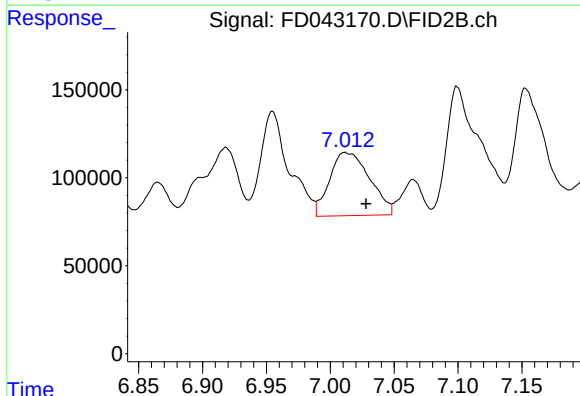
R.T.: 4.421 min
Delta R.T.: -0.013 min
Response: 46545
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



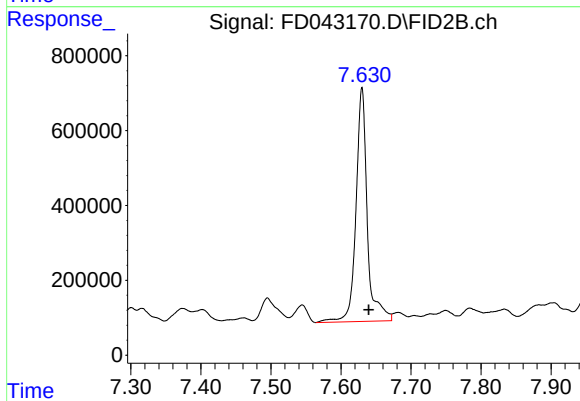
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.011 min
Response: 273790
Conc: 1.56 ug/ml



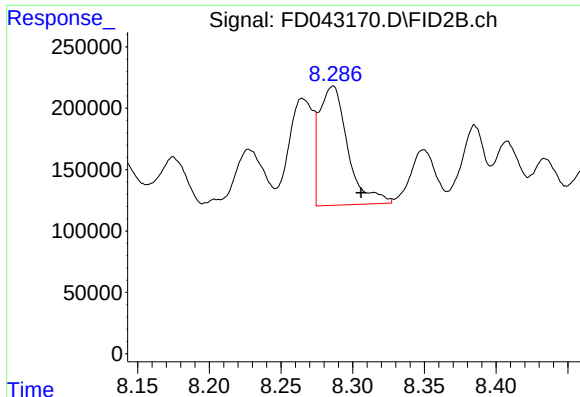
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: -0.015 min
Response: 784207
Conc: 4.88 ug/ml



#4 2-Bromonaphthalene (SURR)

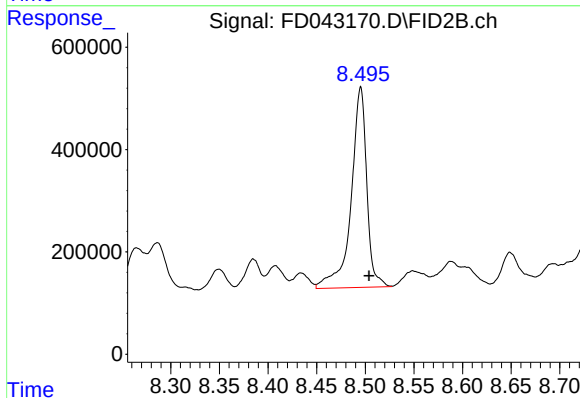
R.T.: 7.630 min
Delta R.T.: -0.010 min
Response: 7020184
Conc: 45.46 ug/ml



#5 Acenaphthylene (C15.06)

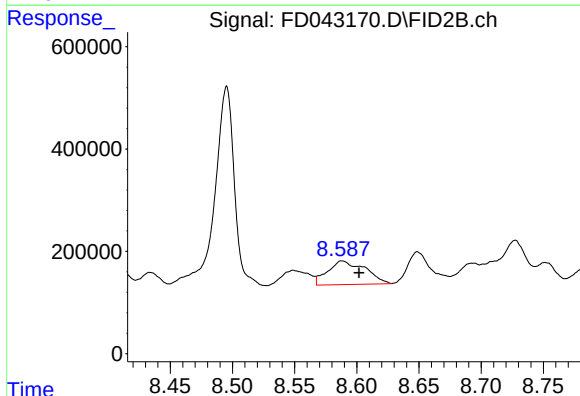
R.T.: 8.286 min
Delta R.T.: -0.020 min
Response: 1345747
Conc: 7.57 ug/ml

Instrument :
FID_D
ClientSampleId :



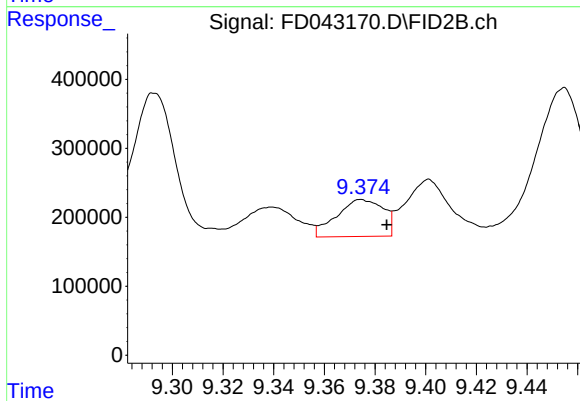
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.495 min
Delta R.T.: -0.009 min
Response: 4397187
Conc: 41.69 ug/ml



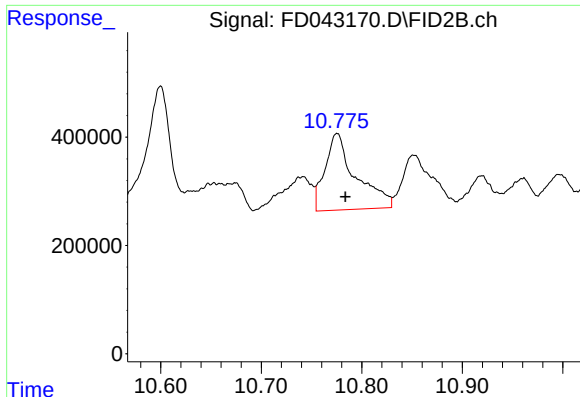
#7 Acenaphthene (C15.5)

R.T.: 8.589 min
Delta R.T.: -0.013 min
Response: 978225
Conc: 5.59 ug/ml



#8 Fluorene (C16.55)

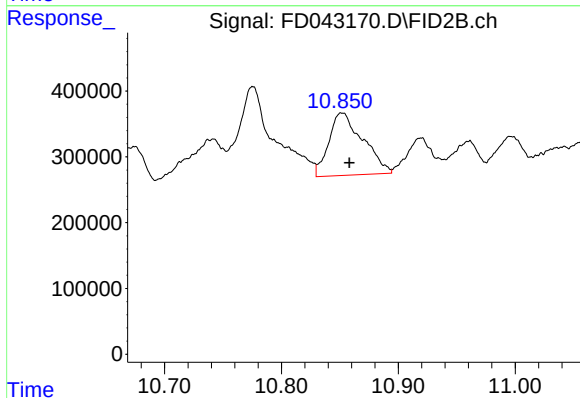
R.T.: 9.375 min
Delta R.T.: -0.009 min
Response: 682459
Conc: 3.94 ug/ml



#9 Phenanthrene (C19.36)

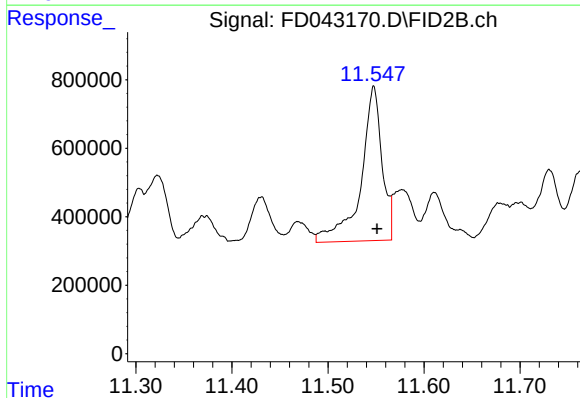
R.T.: 10.775 min
Delta R.T.: -0.008 min
Response: 2998839
Conc: 17.48 ug/ml

Instrument :
FID_D
ClientSampleId :



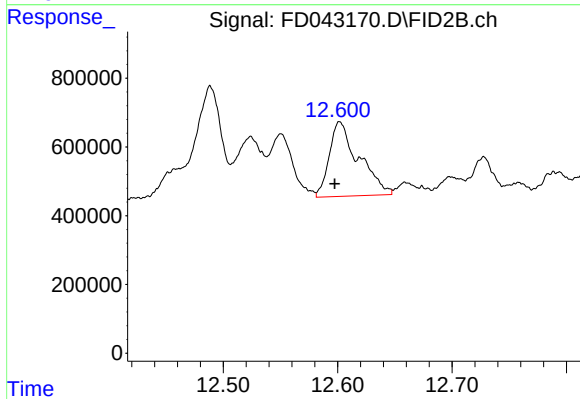
#10 Anthracene (C19.43)

R.T.: 10.852 min
Delta R.T.: -0.006 min
Response: 1924323
Conc: 11.33 ug/ml



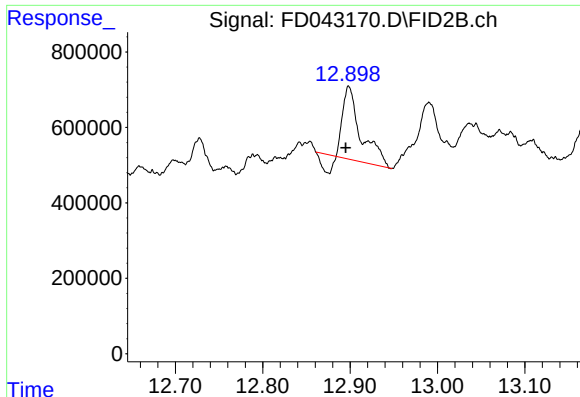
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: -0.004 min
Response: 6875695
Conc: 37.83 ug/ml



#12 Fluoranthene (C21.85)

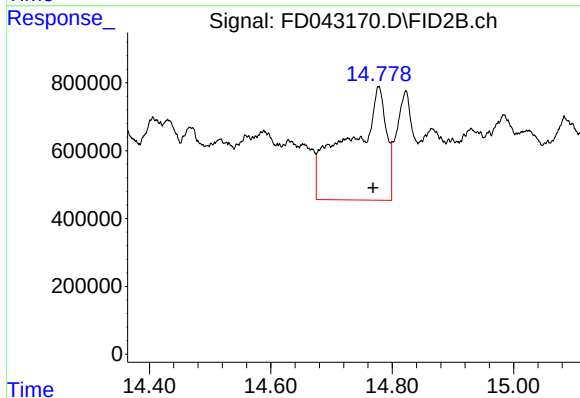
R.T.: 12.602 min
Delta R.T.: 0.005 min
Response: 3872888
Conc: 23.09 ug/ml



#13 Pyrene (C20.8)

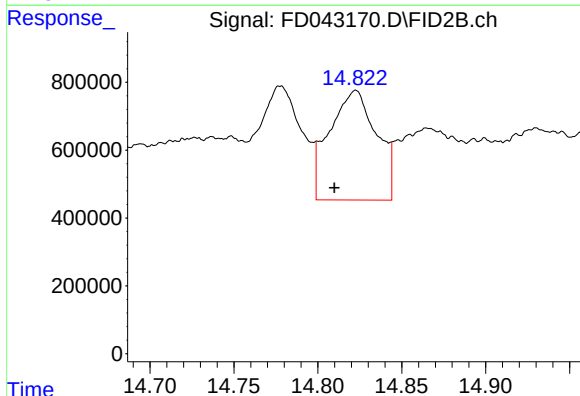
R.T.: 12.899 min
Delta R.T.: 0.004 min
Response: 2413648
Conc: 14.81 ug/ml

Instrument :
FID_D
ClientSampleId :



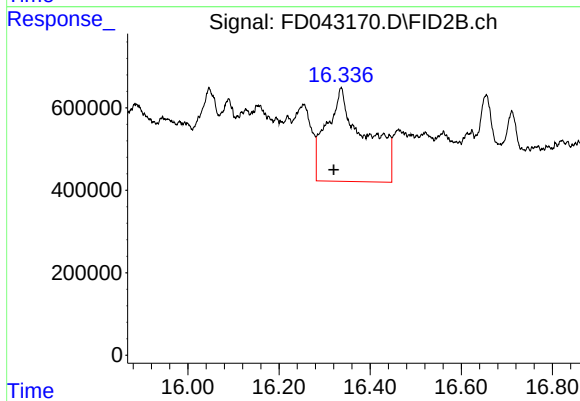
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.778 min
Delta R.T.: 0.009 min
Response: 14430375
Conc: 92.92 ug/ml



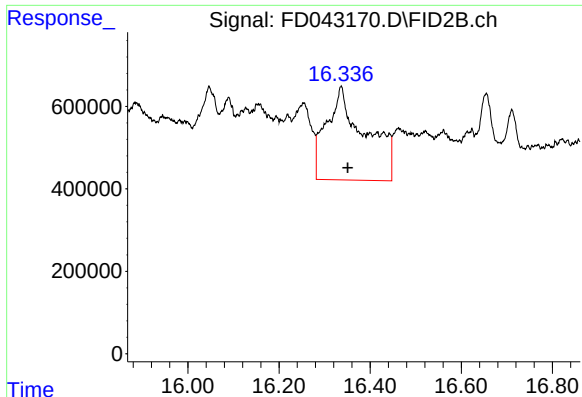
#15 Chrysene (C27.41)

R.T.: 14.822 min
Delta R.T.: 0.012 min
Response: 6302840
Conc: 39.93 ug/ml



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

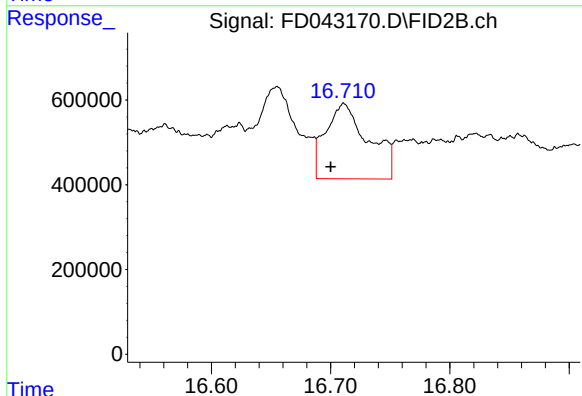
R.T.: 16.336 min
Delta R.T.: 0.016 min
Response: 13326048
Conc: 87.42 ug/ml



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

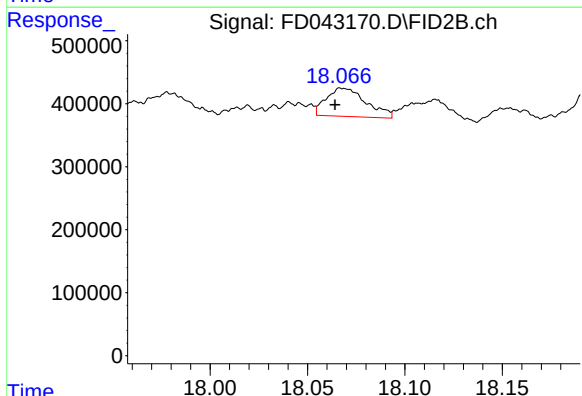
R.T.: 16.336 min
Delta R.T.: -0.014 min
Response: 13326048
Conc: 91.05 ug/ml

Instrument :
FID_D
ClientSampleId :



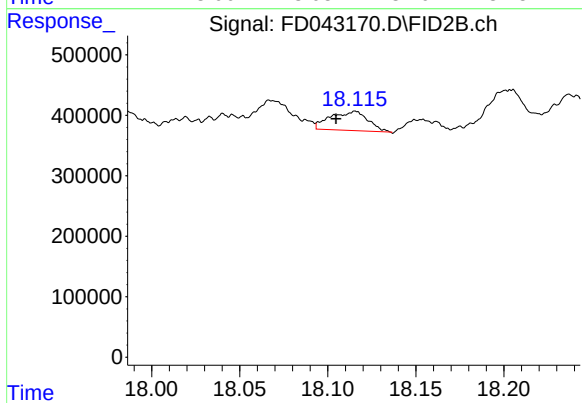
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.711 min
Delta R.T.: 0.011 min
Response: 4427093
Conc: 30.95 ug/ml



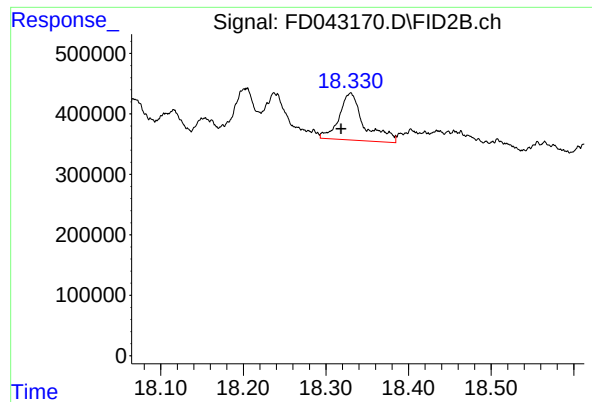
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.069 min
Delta R.T.: 0.005 min
Response: 641804
Conc: 5.13 ug/ml



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

R.T.: 18.115 min
Delta R.T.: 0.010 min
Response: 472837
Conc: 3.52 ug/ml



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

R.T.: 18.330 min
Delta R.T.: 0.011 min
Response: 1634403
Conc: 12.53 ug/ml

Instrument :

FID_D

ClientSampleId :