

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045855.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2023 23:15
 Operator : YP/AJ
 Sample : 03223-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 00:40:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.530	11909281	66.057 ug/ml
Spiked Amount 50.000		Recovery =	132.11%
6) S 2-Fluorobiphenyl (SURR)	8.385	7031206	58.483 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.97%
11) S ortho-Terphenyl (SURR)	11.423	9442772	42.275 ug/ml
Spiked Amount 50.000		Recovery =	84.55%
Target Compounds			
2) T Naphthalene (C11.7)	5.865	77384	0.365 ug/ml
3) T 2-Methylnaphthalene (...)	6.914	82373	0.390 ug/ml
5) T Acenaphthylene (C15.06)	8.183	83122	0.439 ug/ml
7) T Acenaphthene (C15.5)	8.478	111940	0.554 ug/ml
8) T Fluorene (C16.55)	9.256	127606	0.644 ug/ml
9) T Phenanthrene (C19.36)	10.646	1132485	5.920 ug/ml
10) T Anthracene (C19.43)	10.719	268764	1.578 ug/ml
12) T Fluoranthene (C21.85)	12.451	1928666	10.439 ug/ml
13) T Pyrene (C20.8)	12.745	1636749	9.164 ug/ml
14) T Benzo[a]anthracene (C...	14.608	918591	5.867 ug/ml
15) T Chrysene (C27.41)	14.648	988573	5.992 ug/ml
16) T benzo[b]fluoranthene ...	16.152	1109386	7.330 ug/ml
17) T Benzo[k]fluoranthene ...	16.179	365760	2.362 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.525	824954	5.641 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.884	1154765	7.884 ug/ml
20) T Dibenzo[a,h]anthracene...	17.964	179659	1.198 ug/ml
21) T Benzo[g,h,i]perylene ...	18.133	466452	3.161 ug/ml

(f)=RT Delta > 1/2 Window

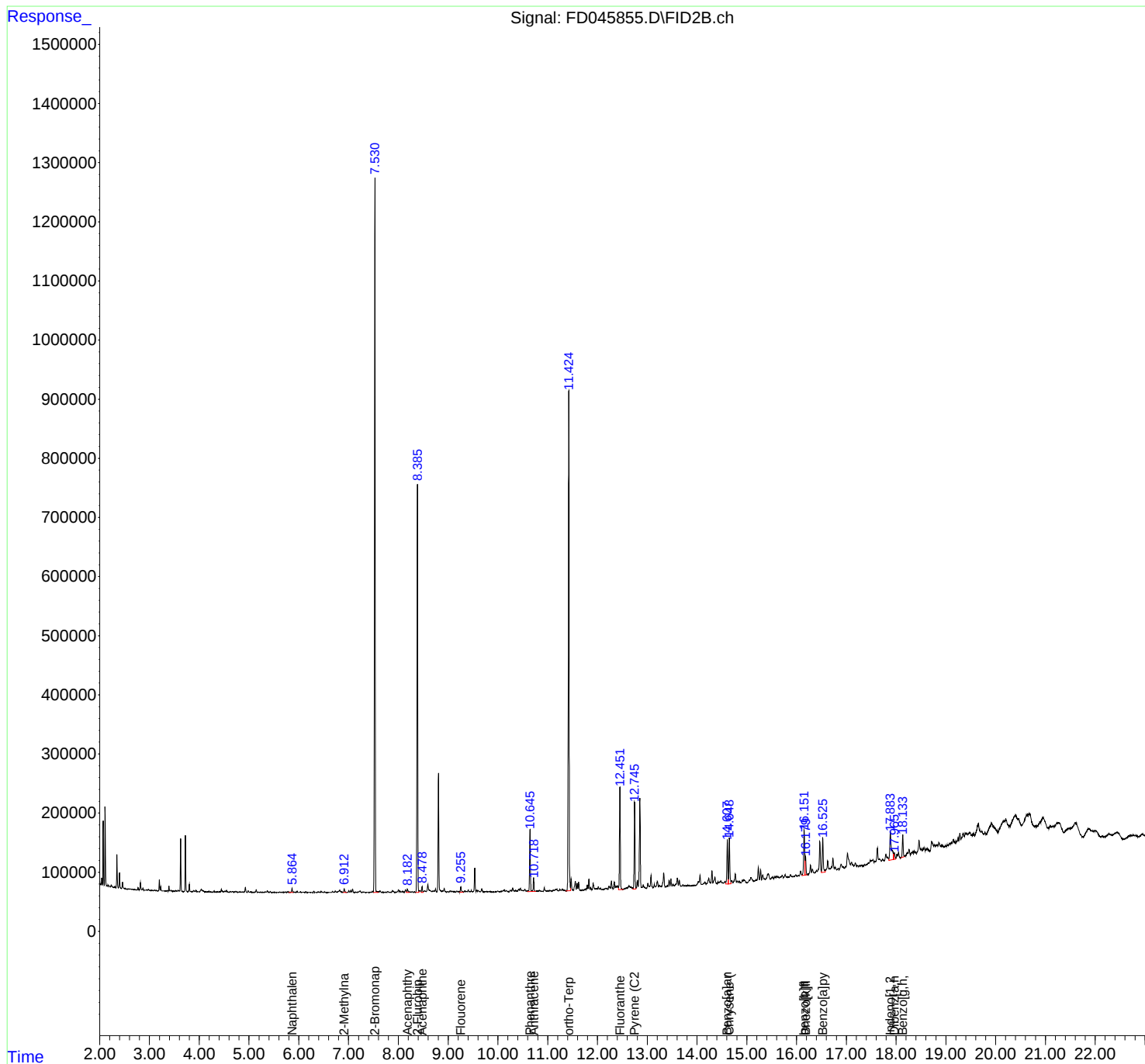
(m)=manual int.

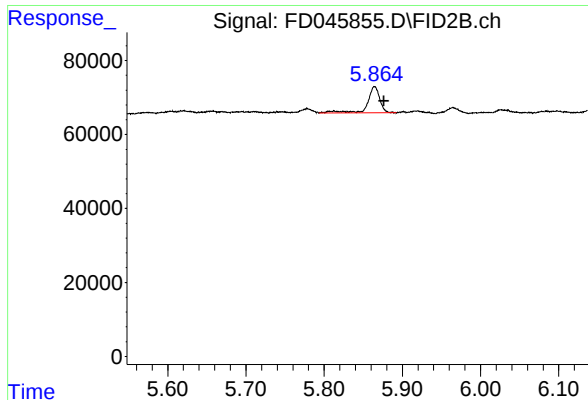
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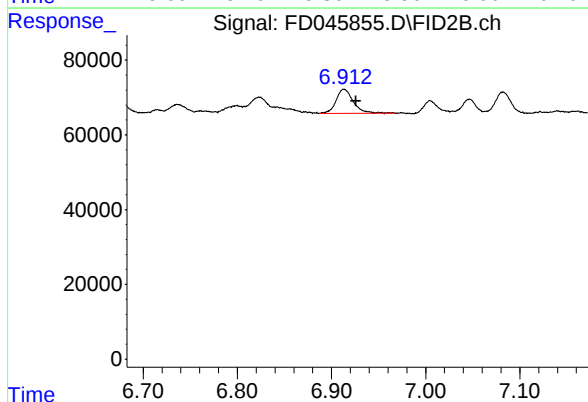




#2 Naphthalene (C11.7)

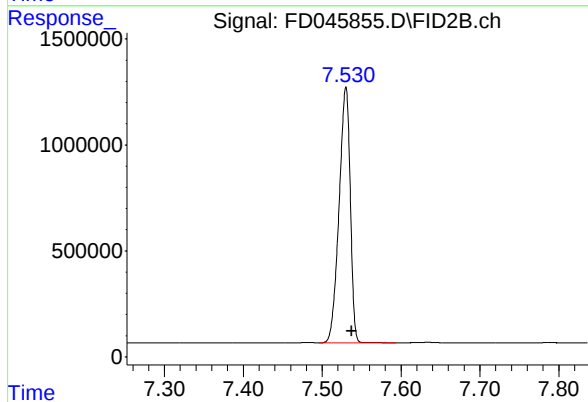
R.T.: 5.865 min
Delta R.T.: -0.012 min
Response: 77384
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



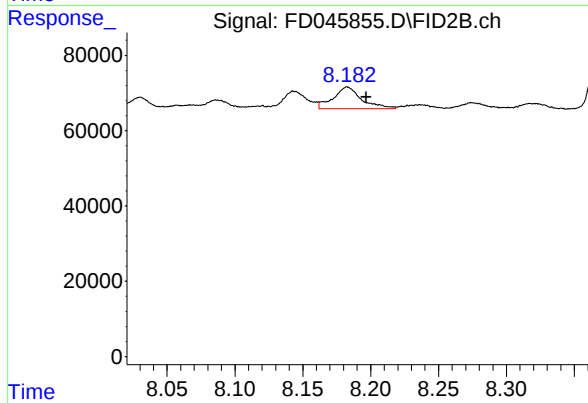
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: -0.013 min
Response: 82373
Conc: 0.39 ug/ml



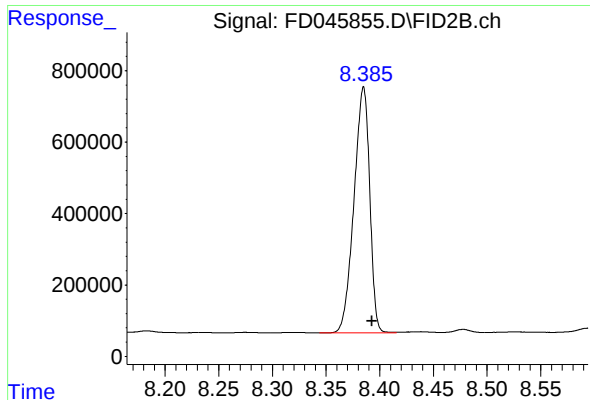
#4 2-Bromonaphthalene (SURR)

R.T.: 7.530 min
Delta R.T.: -0.008 min
Response: 11909281
Conc: 66.06 ug/ml



#5 Acenaphthylene (C15.06)

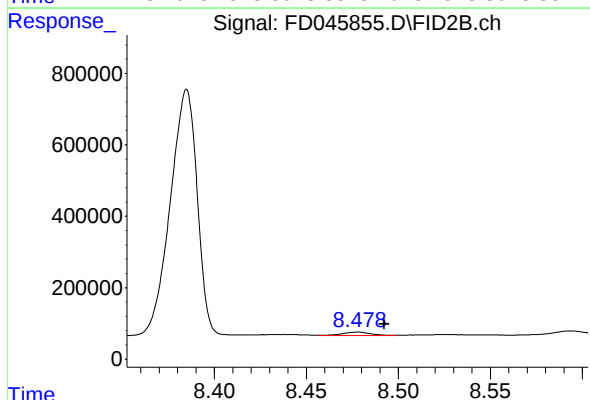
R.T.: 8.183 min
Delta R.T.: -0.014 min
Response: 83122
Conc: 0.44 ug/ml



#6 2-Fluorobiphenyl (SURR)

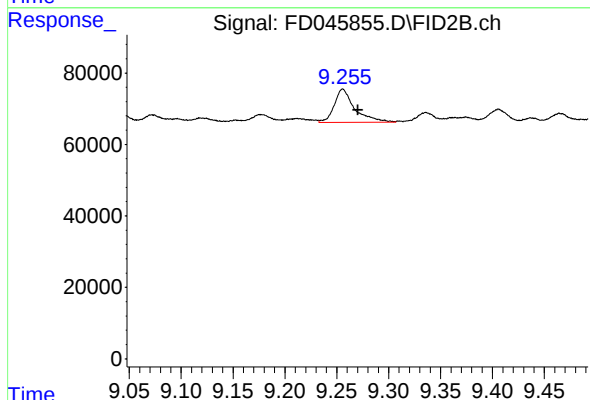
R.T.: 8.385 min
Delta R.T.: -0.008 min
Response: 7031206
Conc: 58.48 ug/ml

Instrument :
FID_D
ClientSampleId :



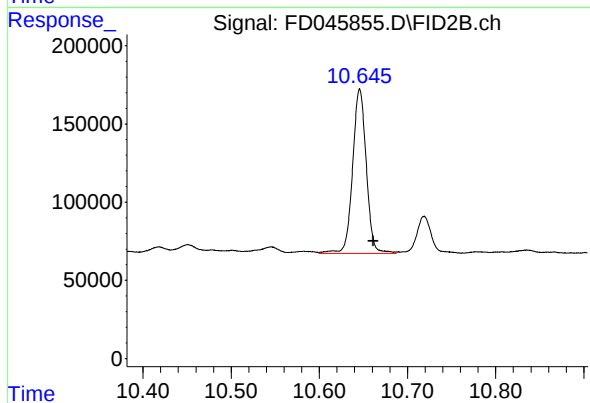
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.015 min
Response: 111940
Conc: 0.55 ug/ml



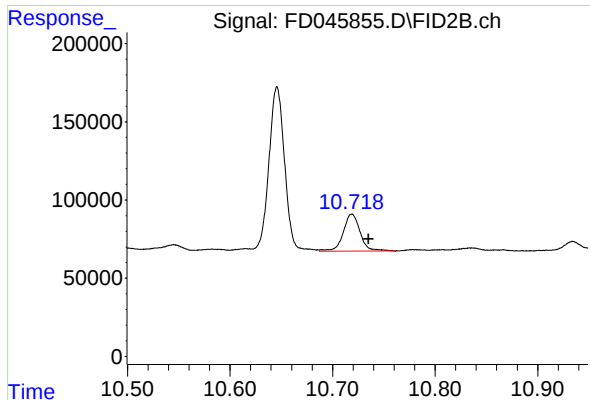
#8 Flouorene (C16.55)

R.T.: 9.256 min
Delta R.T.: -0.014 min
Response: 127606
Conc: 0.64 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.646 min
Delta R.T.: -0.015 min
Response: 1132485
Conc: 5.92 ug/ml



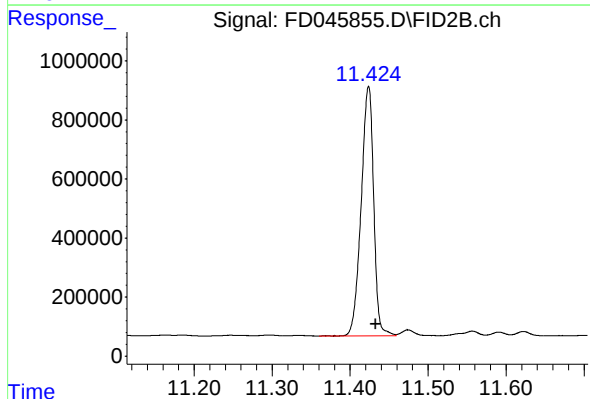
#10 Anthracene (C19.43)

R.T.: 10.719 min
Delta R.T.: -0.016 min
Response: 268764
Conc: 1.58 ug/ml

Instrument :

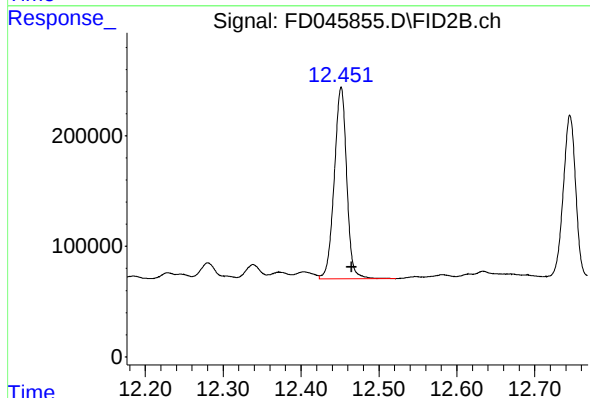
FID_D

ClientSampleId :



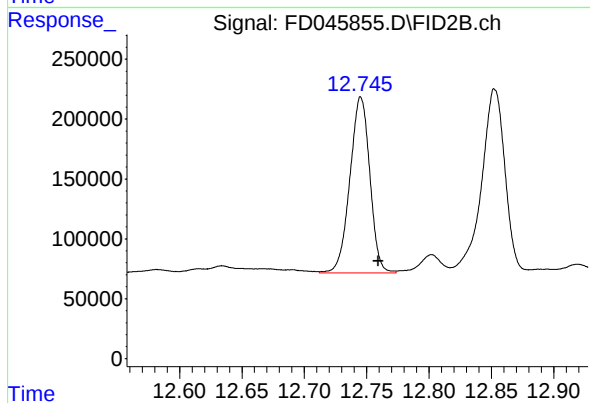
#11 ortho-Terphenyl (SURR)

R.T.: 11.423 min
Delta R.T.: -0.009 min
Response: 9442772
Conc: 42.27 ug/ml



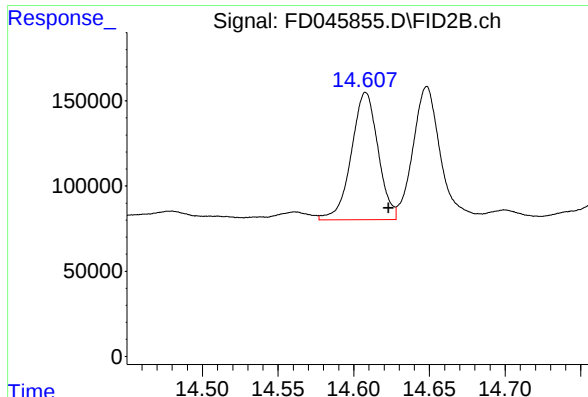
#12 Fluoranthene (C21.85)

R.T.: 12.451 min
Delta R.T.: -0.014 min
Response: 1928666
Conc: 10.44 ug/ml



#13 Pyrene (C20.8)

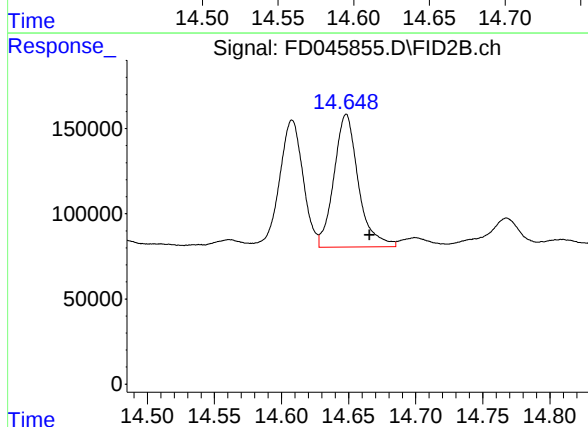
R.T.: 12.745 min
Delta R.T.: -0.014 min
Response: 1636749
Conc: 9.16 ug/ml



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

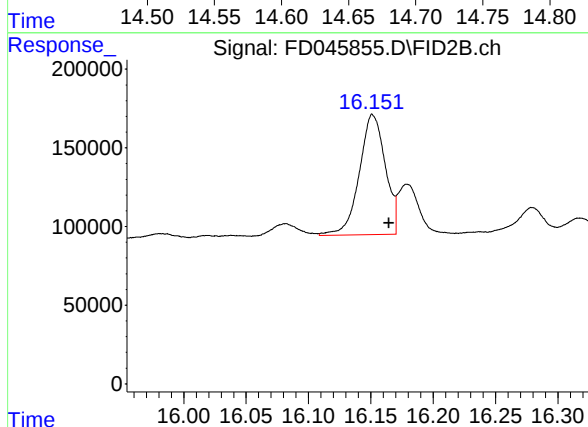
R.T.: 14.608 min
Delta R.T.: -0.015 min
Response: 918591
Conc: 5.87 ug/ml

Instrument :
FID_D
ClientSampleId :



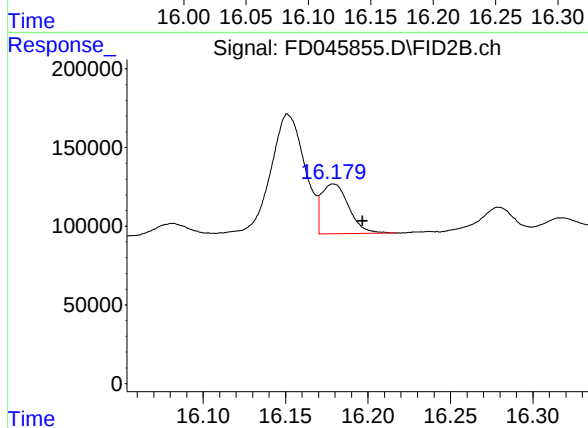
#15 Chrysene (C27.41)

R.T.: 14.648 min
Delta R.T.: -0.017 min
Response: 988573
Conc: 5.99 ug/ml



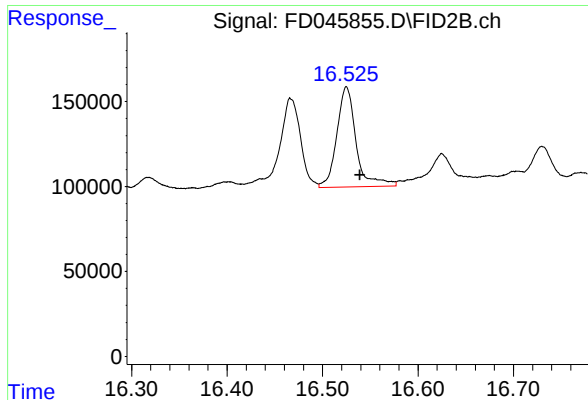
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.152 min
Delta R.T.: -0.013 min
Response: 1109386
Conc: 7.33 ug/ml



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

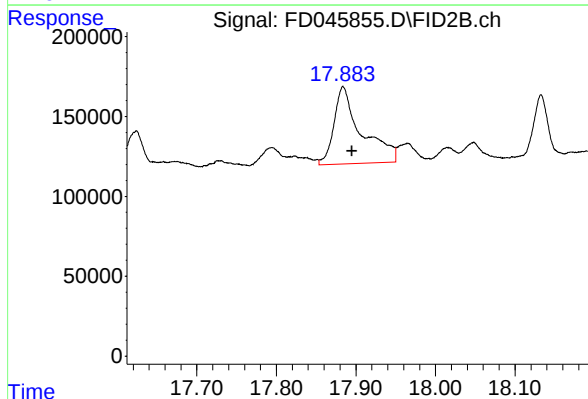
R.T.: 16.179 min
Delta R.T.: -0.018 min
Response: 365760
Conc: 2.36 ug/ml



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

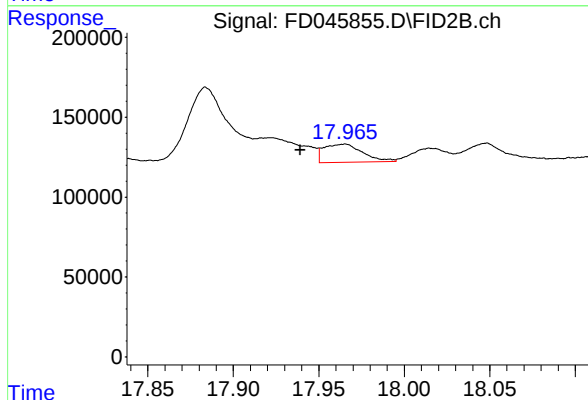
R.T.: 16.525 min
Delta R.T.: -0.014 min
Response: 824954
Conc: 5.64 ug/ml

Instrument :
FID_D
ClientSampleId :



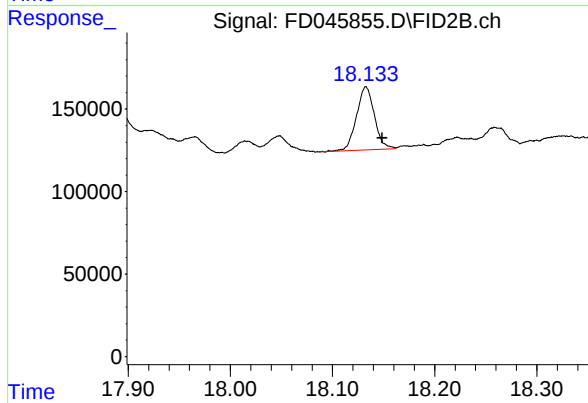
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.884 min
Delta R.T.: -0.011 min
Response: 1154765
Conc: 7.88 ug/ml



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

R.T.: 17.964 min
Delta R.T.: 0.025 min
Response: 179659
Conc: 1.20 ug/ml



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

R.T.: 18.133 min
Delta R.T.: -0.016 min
Response: 466452
Conc: 3.16 ug/ml