

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045853.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2023 21:52
 Operator : YP/AJ
 Sample : 03223-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 00:39:49 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...	7.529	12516410	69.425 ug/ml
Spiked Amount 50.000		Recovery =	138.85%
6) S 2-Fluorobiphenyl (SURR)	8.384	7828937	65.118 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	130.24%
11) S ortho-Terphenyl (SURR)	11.423	9929092	44.452 ug/ml
Spiked Amount 50.000		Recovery =	88.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	15049	0.075 ug/ml
2) T Naphthalene (C11.7)	5.863	215211	1.016 ug/ml
3) T 2-Methylnaphthalene (...)	6.911	332304	1.573 ug/ml
5) T Acenaphthylene (C15.06)	8.180	238585	1.259 ug/ml
7) T Acenaphthene (C15.5)	8.477	630181	3.117 ug/ml
8) T Fluorene (C16.55)	9.254	538769	2.719 ug/ml
9) T Phenanthrene (C19.36)	10.647	3497893	18.284 ug/ml
10) T Anthracene (C19.43)	10.718	876005	5.142 ug/ml
12) T Fluoranthene (C21.85)	12.452	4054364	21.945 ug/ml
13) T Pyrene (C20.8)	12.746	3157231	17.678 ug/ml
14) T Benzo[a]anthracene (C...	14.607	1709412	10.918 ug/ml
15) T Chrysene (C27.41)	14.648	1637592	9.926 ug/ml
16) T benzo[b]fluoranthene ...	16.152	1923202	12.707 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	648486	4.189 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.525	1387516	9.488 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.880	1135823	7.755 ug/ml
20) T Dibenz[a,h]anthracene...	17.923	275732	1.838 ug/ml
21) T Benzo[g,h,i]perylene ...	18.129	722197	4.894 ug/ml

(f)=RT Delta > 1/2 Window

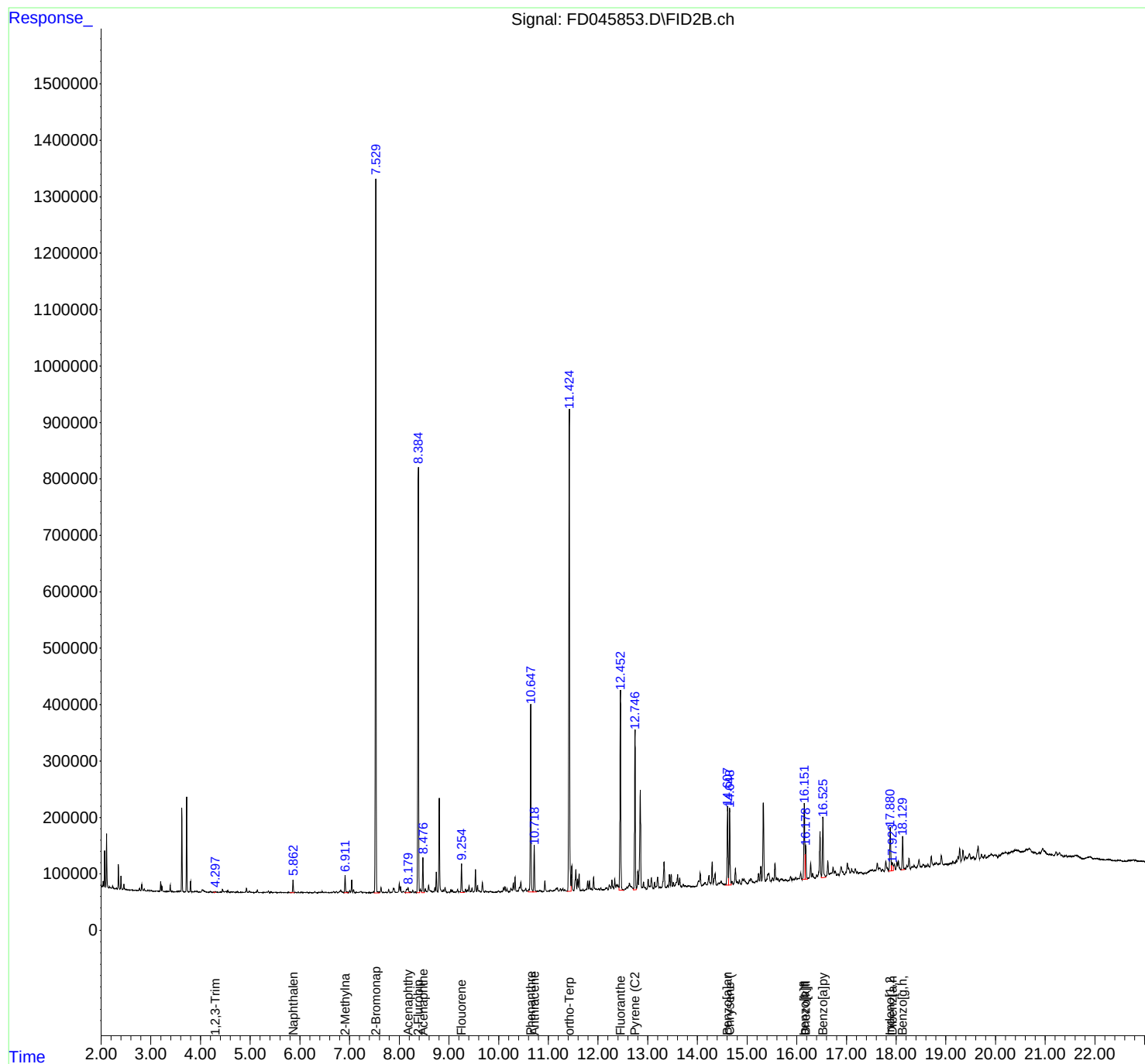
(m)=manual int.

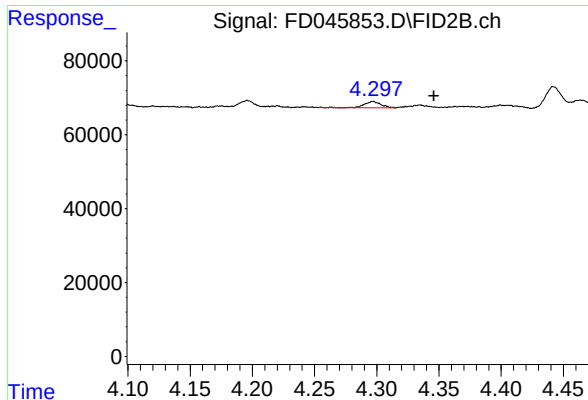
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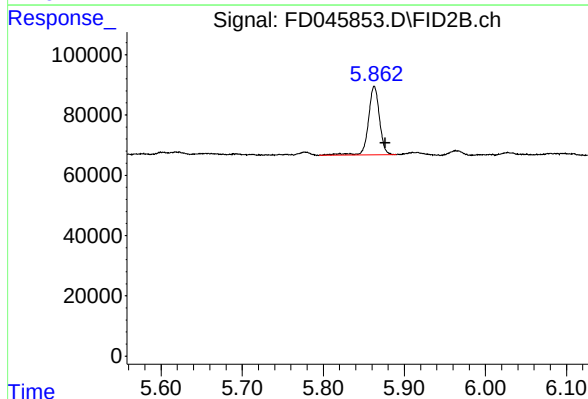




#1 1,2,3-Trimethylbenzene (C10.1)

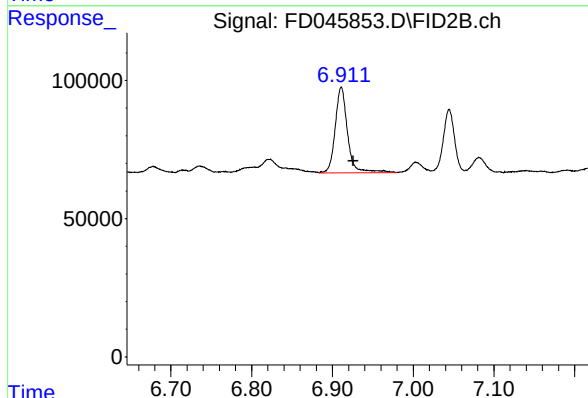
R.T.: 4.297 min
Delta R.T.: -0.049 min
Response: 15049
Conc: 0.07 ug/ml

Instrument :
FID_D
ClientSampleId :



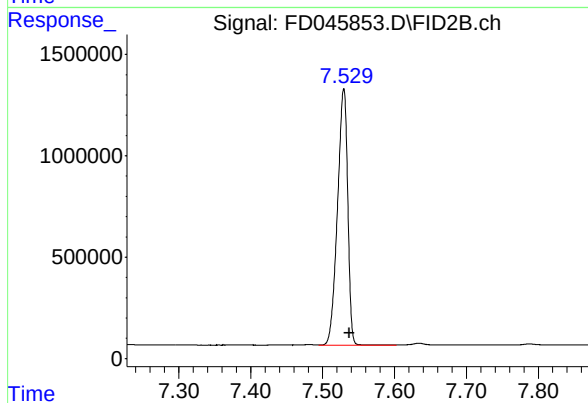
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.014 min
Response: 215211
Conc: 1.02 ug/ml



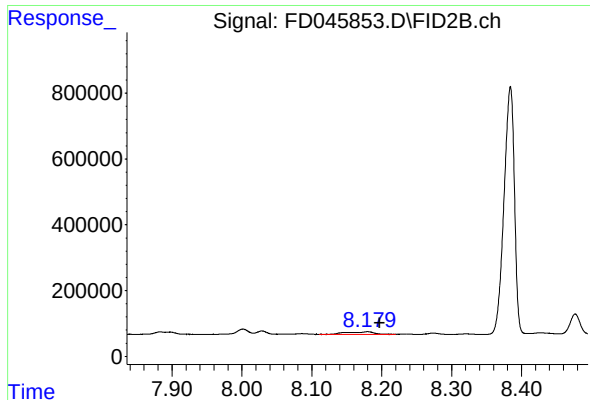
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.911 min
Delta R.T.: -0.015 min
Response: 332304
Conc: 1.57 ug/ml



#4 2-Bromonaphthalene (SURR)

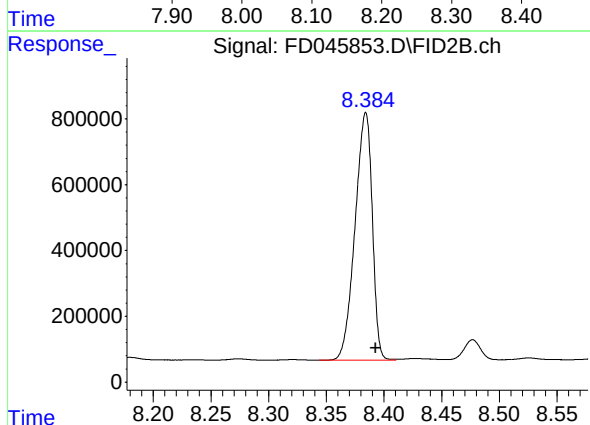
R.T.: 7.529 min
Delta R.T.: -0.008 min
Response: 12516410
Conc: 69.42 ug/ml



#5 Acenaphthylene (C15.06)

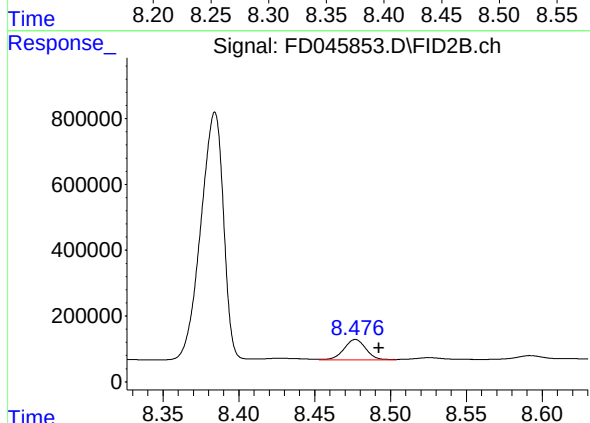
R.T.: 8.180 min
Delta R.T.: -0.017 min
Response: 238585
Conc: 1.26 ug/ml

Instrument :
FID_D
ClientSampleId :



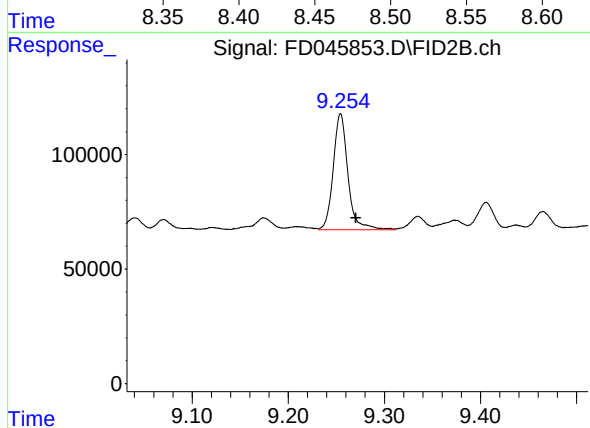
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.009 min
Response: 7828937
Conc: 65.12 ug/ml



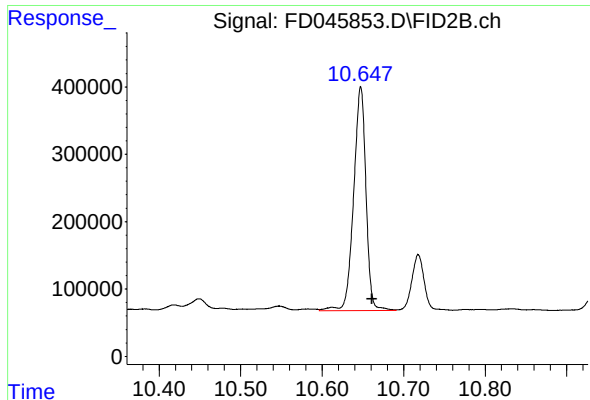
#7 Acenaphthene (C15.5)

R.T.: 8.477 min
Delta R.T.: -0.016 min
Response: 630181
Conc: 3.12 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.254 min
Delta R.T.: -0.016 min
Response: 538769
Conc: 2.72 ug/ml



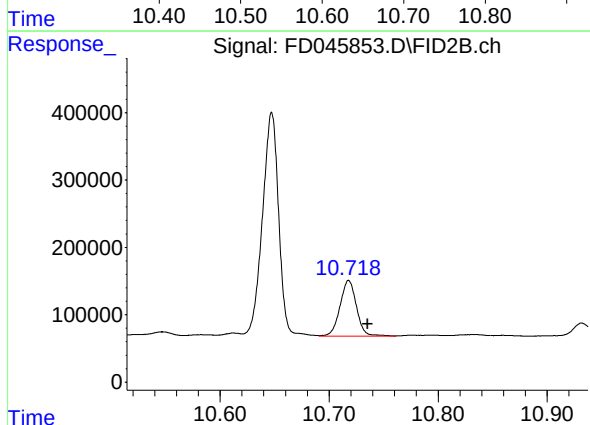
#9 Phenanthrene (C19.36)

R.T.: 10.647 min
Delta R.T.: -0.014 min
Response: 3497893
Conc: 18.28 ug/ml

Instrument :

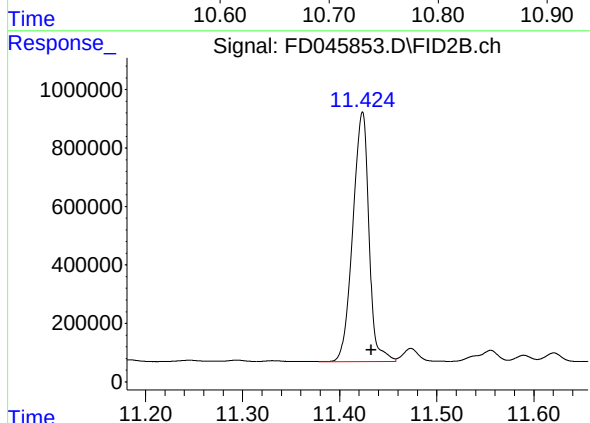
FID_D

ClientSampleId :



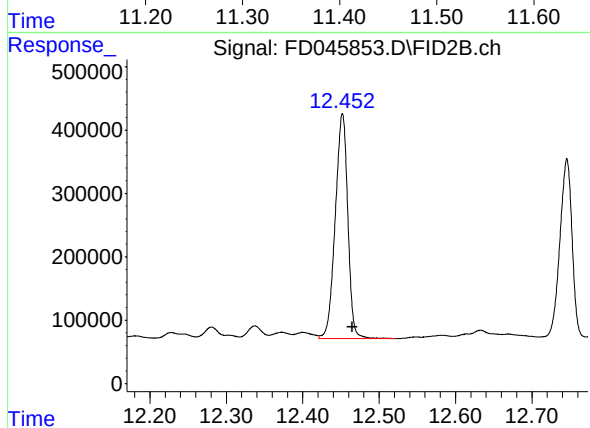
#10 Anthracene (C19.43)

R.T.: 10.718 min
Delta R.T.: -0.017 min
Response: 876005
Conc: 5.14 ug/ml



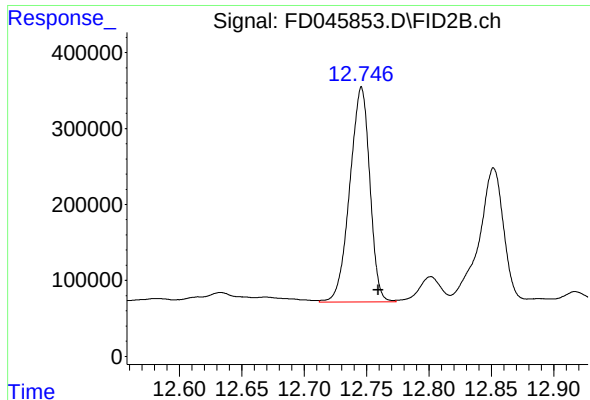
#11 ortho-Terphenyl (SURR)

R.T.: 11.423 min
Delta R.T.: -0.010 min
Response: 9929092
Conc: 44.45 ug/ml



#12 Fluoranthene (C21.85)

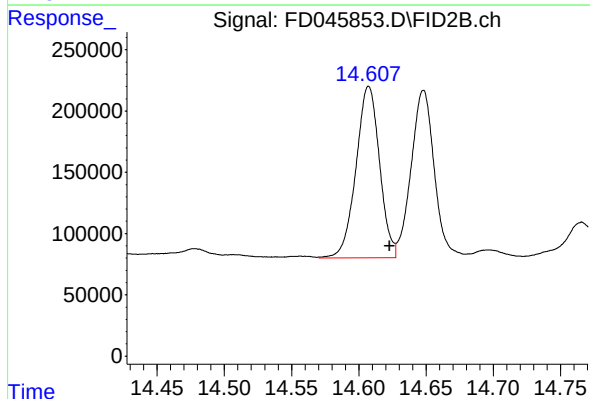
R.T.: 12.452 min
Delta R.T.: -0.013 min
Response: 4054364
Conc: 21.95 ug/ml



#13 Pyrene (C20.8)

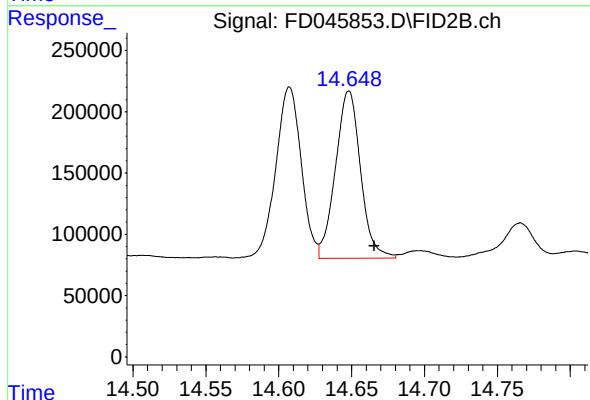
R.T.: 12.746 min
Delta R.T.: -0.014 min
Response: 3157231
Conc: 17.68 ug/ml

Instrument :
FID_D
ClientSampleId :



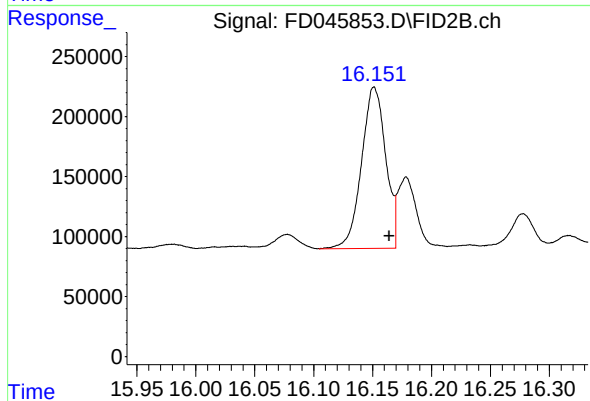
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.607 min
Delta R.T.: -0.016 min
Response: 1709412
Conc: 10.92 ug/ml



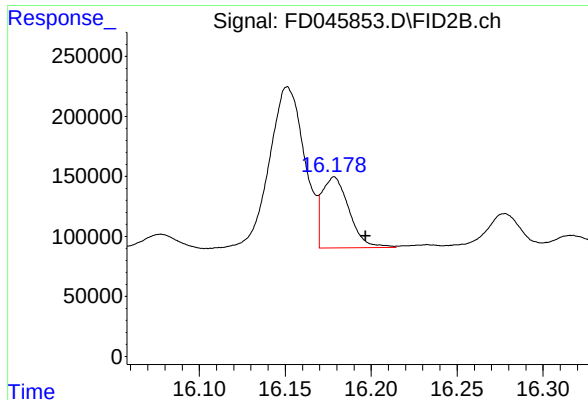
#15 Chrysene (C27.41)

R.T.: 14.648 min
Delta R.T.: -0.018 min
Response: 1637592
Conc: 9.93 ug/ml



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

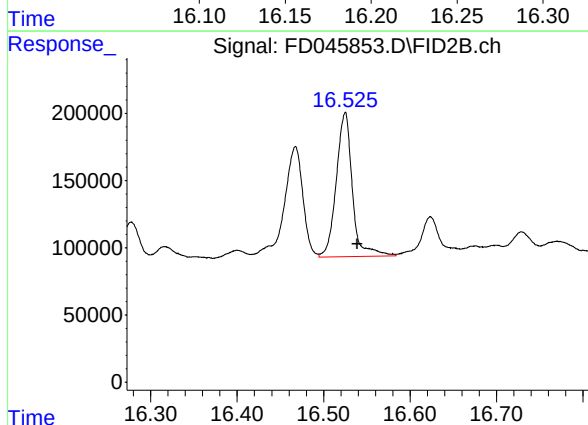
R.T.: 16.152 min
Delta R.T.: -0.013 min
Response: 1923202
Conc: 12.71 ug/ml



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

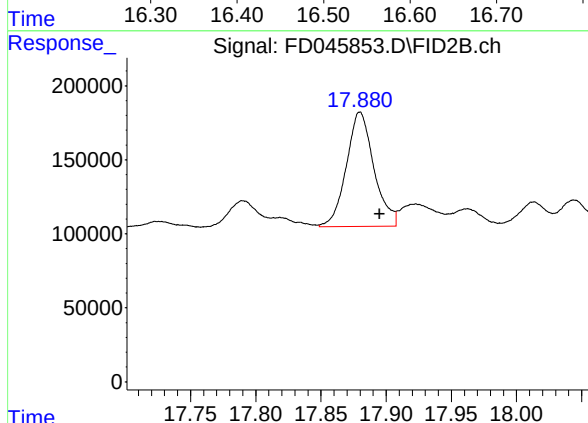
R.T.: 16.178 min
Delta R.T.: -0.019 min
Response: 648486
Conc: 4.19 ug/ml

Instrument :
FID_D
ClientSampleId :



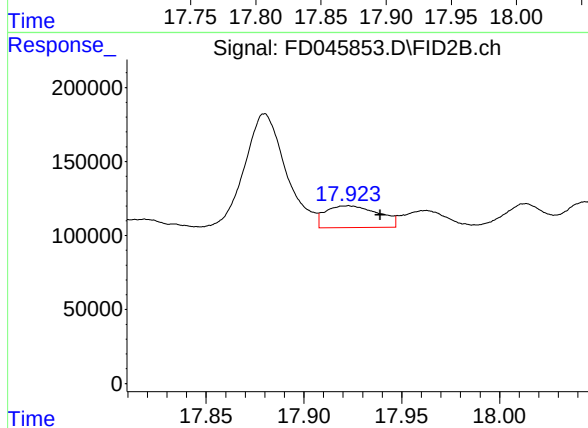
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.525 min
Delta R.T.: -0.015 min
Response: 1387516
Conc: 9.49 ug/ml



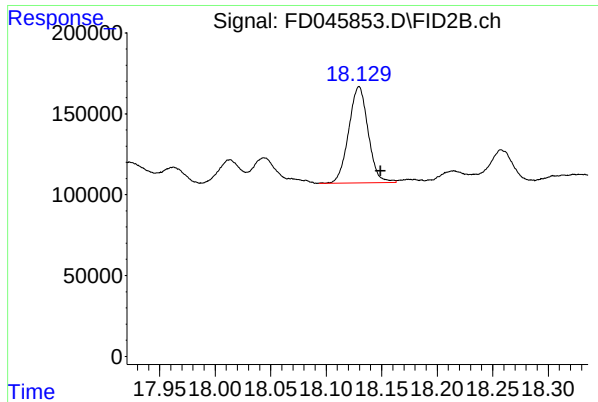
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min
Delta R.T.: -0.015 min
Response: 1135823
Conc: 7.75 ug/ml



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

R.T.: 17.923 min
Delta R.T.: -0.017 min
Response: 275732
Conc: 1.84 ug/ml



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

R.T.: 18.129 min

Delta R.T.: -0.020 min

Response: 722197

Conc: 4.89 ug/ml

Instrument :

FID_D

ClientSampleId :