

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045929.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jun 2023 16:33
 Operator : YP/AJ
 Sample : 03328-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 23 17:28:11 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...	7.522	8868654	49.192 ug/ml
Spiked Amount 50.000		Recovery =	98.38%
6) S 2-Fluorobiphenyl (SURR)	8.377	5514381	45.866 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.73%
11) S ortho-Terphenyl (SURR)	11.416	8096041	36.245 ug/ml
Spiked Amount 50.000		Recovery =	72.49%
Target Compounds			
2) T Naphthalene (C11.7)	5.857	1871197	8.831 ug/ml
3) T 2-Methylnaphthalene (...)	6.906	648968	3.073 ug/ml
5) T Acenaphthylene (C15.06)	8.176	395274	2.086 ug/ml
7) T Acenaphthene (C15.5)	8.472	1632545	8.075 ug/ml
8) T Flouorene (C16.55)	9.250	1832144	9.247 ug/ml
9) T Phenanthrene (C19.36)	10.651	13386708	69.974 ug/ml
10) T Anthracene (C19.43)	10.718	3416937	20.058 ug/ml
12) T Fluoranthene (C21.85)	12.471	25813705	139.723 ug/ml
13) T Pyrene (C20.8)	12.764	22962315	128.570 ug/ml
14) T Benzo[a]anthracene (C...	14.621	13271176	84.763 ug/ml
15) T Chrysene (C27.41)	14.667	12450094	75.464 ug/ml
16) T benzo[b]fluoranthene ...	16.178	23599156	155.927 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	23599156	152.430 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	13683854	93.572 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.906	9119096	62.261 ug/ml
20) T Dibenz[a,h]anthracene...	17.935	1955001	13.032 ug/ml
21) T Benzo[g,h,i]perylene ...	18.157	7264646	49.234 ug/ml

(f)=RT Delta > 1/2 Window

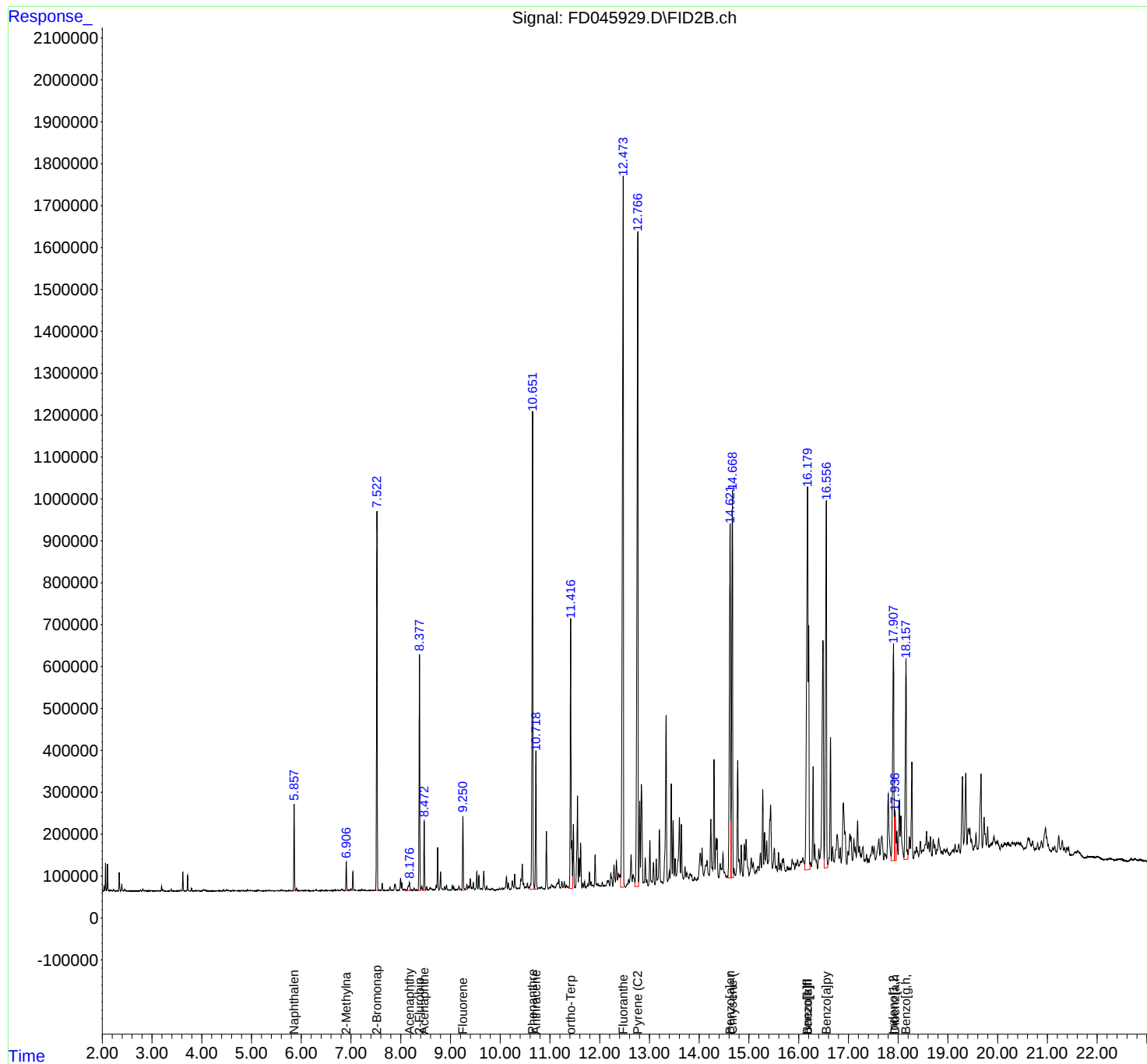
(m)=manual int.

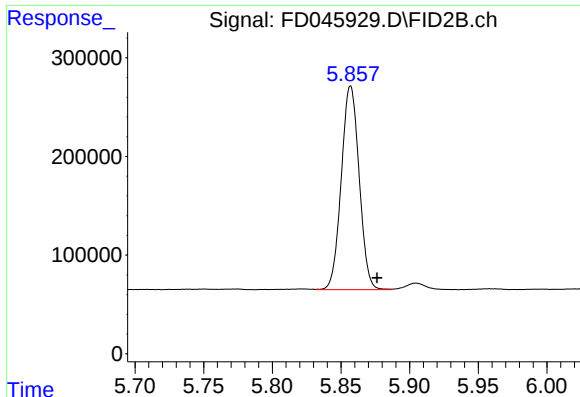
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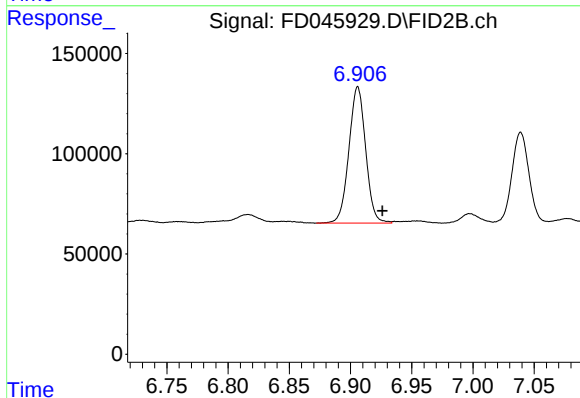




#2 Naphthalene (C11.7)

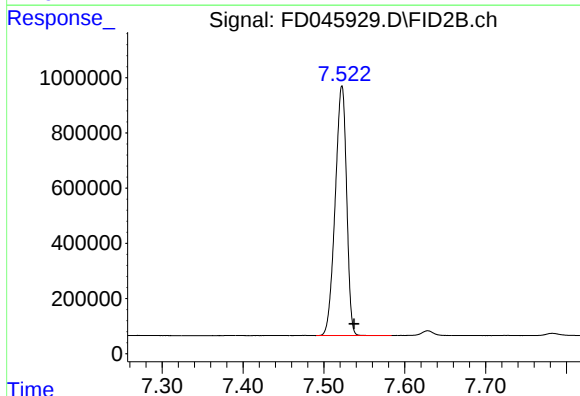
R.T.: 5.857 min
Delta R.T.: -0.019 min
Response: 1871197
Conc: 8.83 ug/ml

Instrument :
FID_D
ClientSampleId :



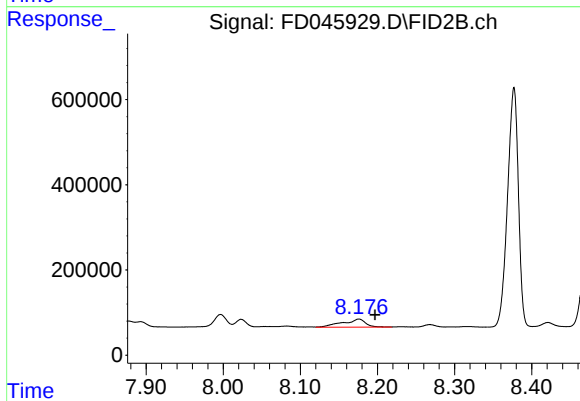
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: -0.020 min
Response: 648968
Conc: 3.07 ug/ml



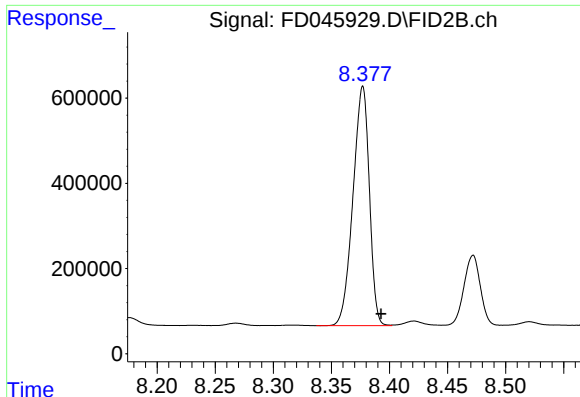
#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min
Delta R.T.: -0.015 min
Response: 8868654
Conc: 49.19 ug/ml



#5 Acenaphthylene (C15.06)

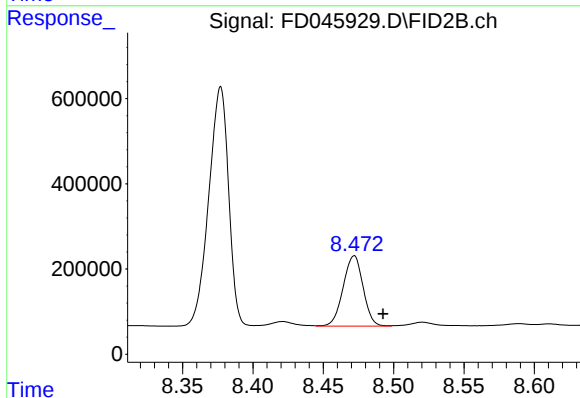
R.T.: 8.176 min
Delta R.T.: -0.021 min
Response: 395274
Conc: 2.09 ug/ml



#6 2-Fluorobiphenyl (SURR)

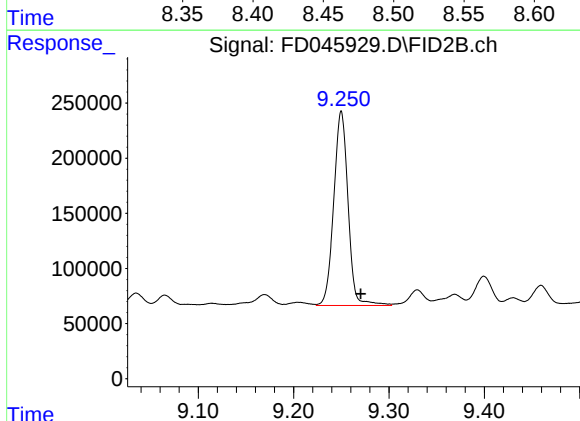
R.T.: 8.377 min
Delta R.T.: -0.016 min
Response: 5514381
Conc: 45.87 ug/ml

Instrument :
FID_D
ClientSampleId :



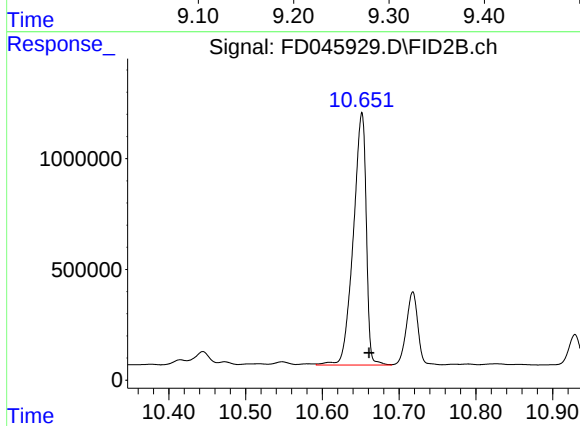
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: -0.021 min
Response: 1632545
Conc: 8.07 ug/ml



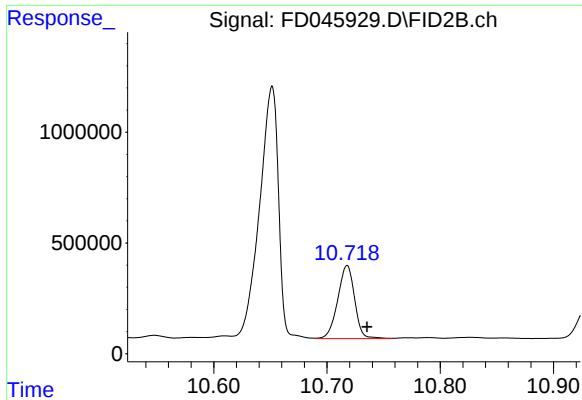
#8 Flouorene (C16.55)

R.T.: 9.250 min
Delta R.T.: -0.020 min
Response: 1832144
Conc: 9.25 ug/ml



#9 Phenanthrene (C19.36)

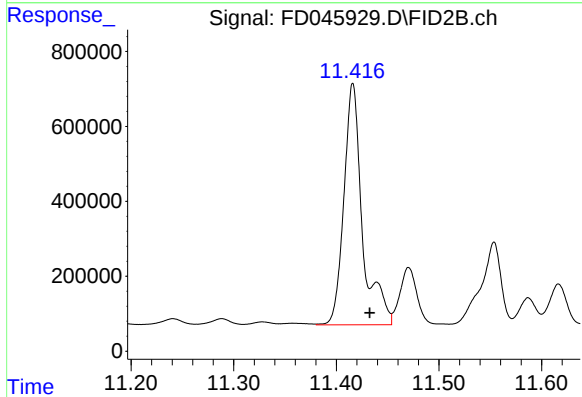
R.T.: 10.651 min
Delta R.T.: -0.010 min
Response: 13386708
Conc: 69.97 ug/ml



#10 Anthracene (C19.43)

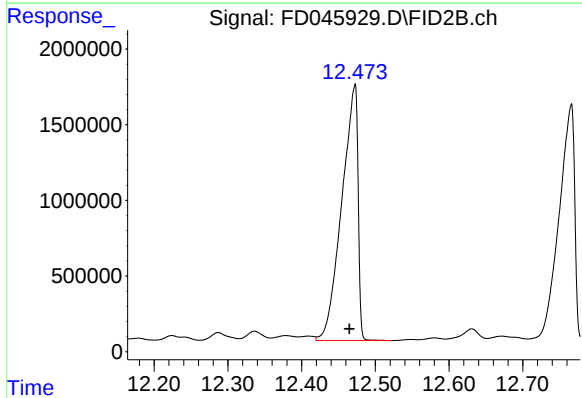
R.T.: 10.718 min
Delta R.T.: -0.018 min
Response: 3416937
Conc: 20.06 ug/ml

Instrument :
FID_D
ClientSampleId :



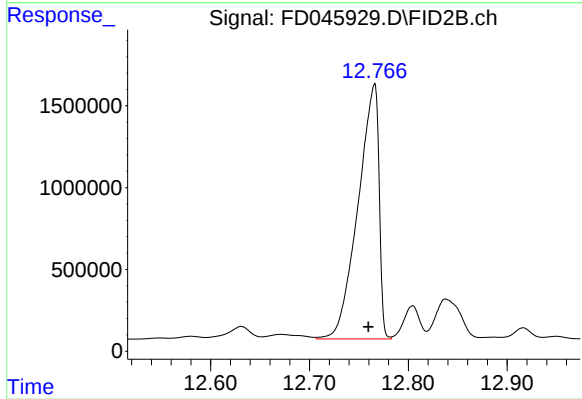
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: -0.017 min
Response: 8096041
Conc: 36.25 ug/ml



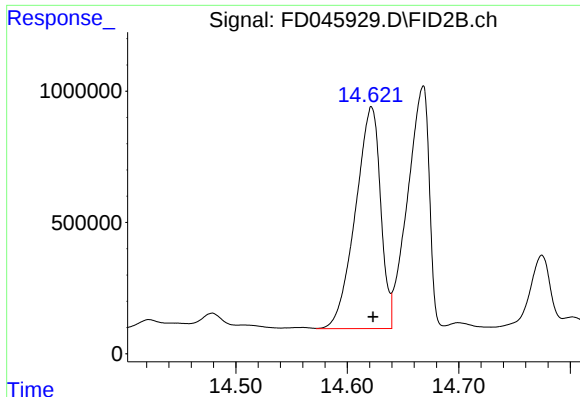
#12 Fluoranthene (C21.85)

R.T.: 12.471 min
Delta R.T.: 0.006 min
Response: 25813705
Conc: 139.72 ug/ml



#13 Pyrene (C20.8)

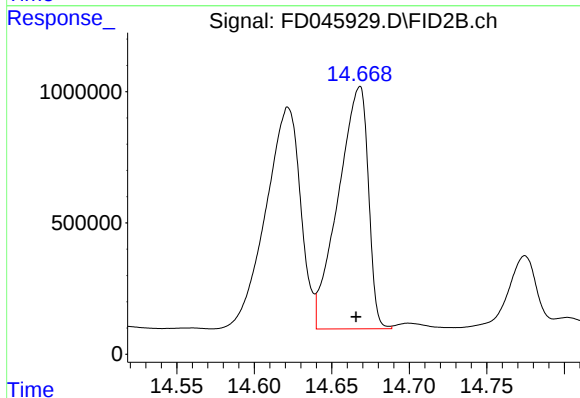
R.T.: 12.764 min
Delta R.T.: 0.005 min
Response: 22962315
Conc: 128.57 ug/ml



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

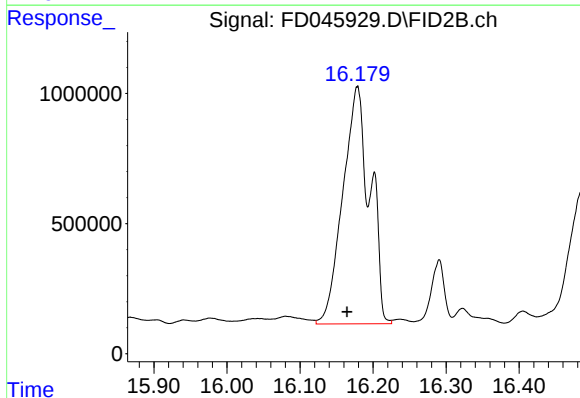
R.T.: 14.621 min
Delta R.T.: -0.002 min
Response: 13271176
Conc: 84.76 ug/ml

Instrument :
FID_D
ClientSampleId :



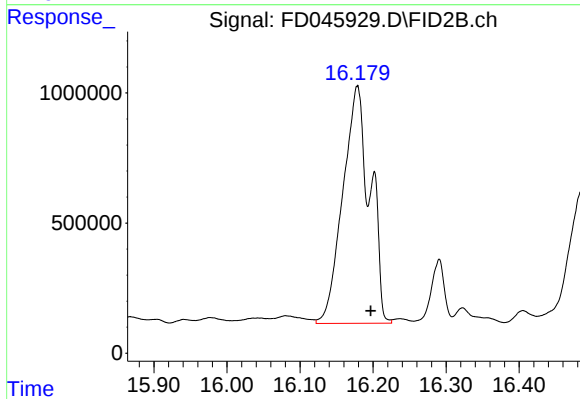
#15 Chrysene (C27.41)

R.T.: 14.667 min
Delta R.T.: 0.001 min
Response: 12450094
Conc: 75.46 ug/ml



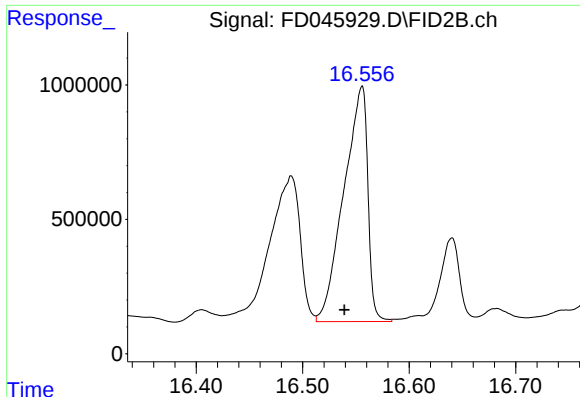
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.178 min
Delta R.T.: 0.014 min
Response: 23599156
Conc: 155.93 ug/ml



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

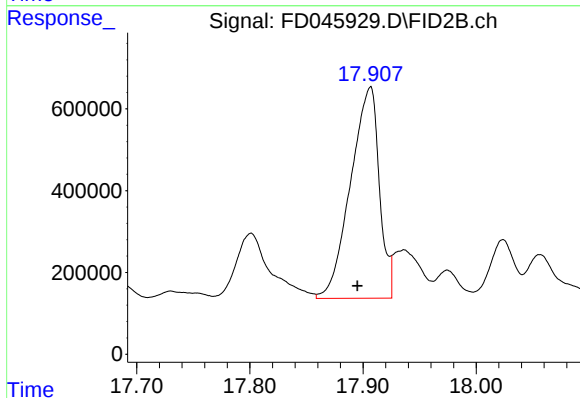
R.T.: 16.178 min
Delta R.T.: -0.018 min
Response: 23599156
Conc: 152.43 ug/ml



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

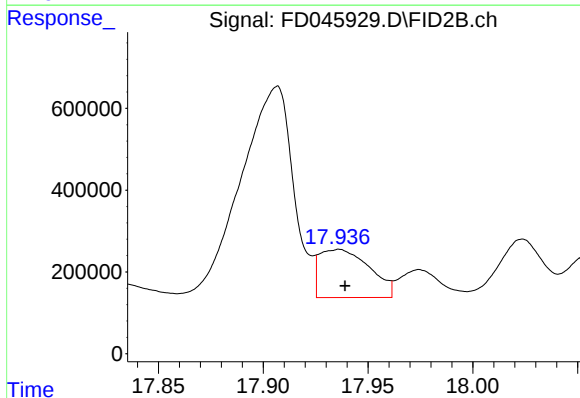
R.T.: 16.555 min
Delta R.T.: 0.015 min
Response: 13683854
Conc: 93.57 ug/ml

Instrument :
FID_D
ClientSampleId :



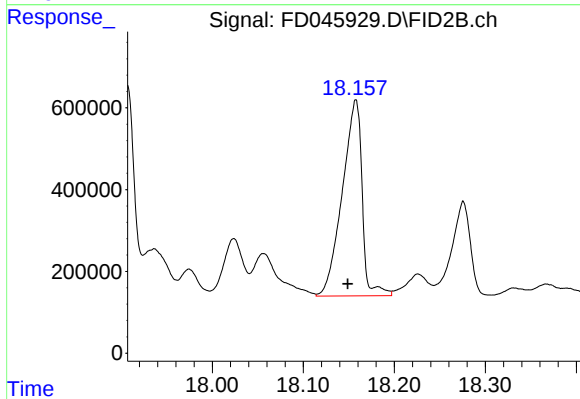
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.906 min
Delta R.T.: 0.011 min
Response: 9119096
Conc: 62.26 ug/ml



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

R.T.: 17.935 min
Delta R.T.: -0.004 min
Response: 1955001
Conc: 13.03 ug/ml



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

R.T.: 18.157 min
Delta R.T.: 0.008 min
Response: 7264646
Conc: 49.23 ug/ml