

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045985.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 05:34
 Operator : YP/AJ
 Sample : 03357-31
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 06:37:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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	10202790	47.345 ug/ml
Spiked Amount 50.000		Recovery =	94.69%
6) S 2-Fluorobiphenyl (SURR)	8.378	6783818	49.015 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.03%
11) S ortho-Terphenyl (SURR)	11.422	26016150	102.619 ug/ml
Spiked Amount 50.000		Recovery =	205.24%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.945	206426	0.819 ug/ml
8) T Flouorene (C16.55)	9.222	102580	0.453 ug/ml
9) T Phenanthrene (C19.36)	10.635	1645236	7.711 ug/ml
10) T Anthracene (C19.43)	10.730	5427232	34.156 ug/ml
12) T Fluoranthene (C21.85)	12.428	23919708	116.880 ug/ml
13) T Pyrene (C20.8)	12.760	29639306	152.438 ug/ml
14) T Benzo[a]anthracene (C...	14.624	100687945	559.859 ug/ml
15) T Chrysene (C27.41)	14.667	56358964	287.143 ug/ml
16) T benzo[b]fluoranthene ...	16.095	3814613	20.338 ug/ml
17) T Bnezo[k]fluoranthene ...	16.198	21963582	111.035 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.532	1648663	9.463 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.890	11192833	60.142 ug/ml
20) T Dibenz[a,h]anthracene...	17.890	11192833	60.879 ug/ml
21) T Benzo[g,h,i]perylene ...	18.144	13262550	70.979 ug/ml

(f)=RT Delta > 1/2 Window

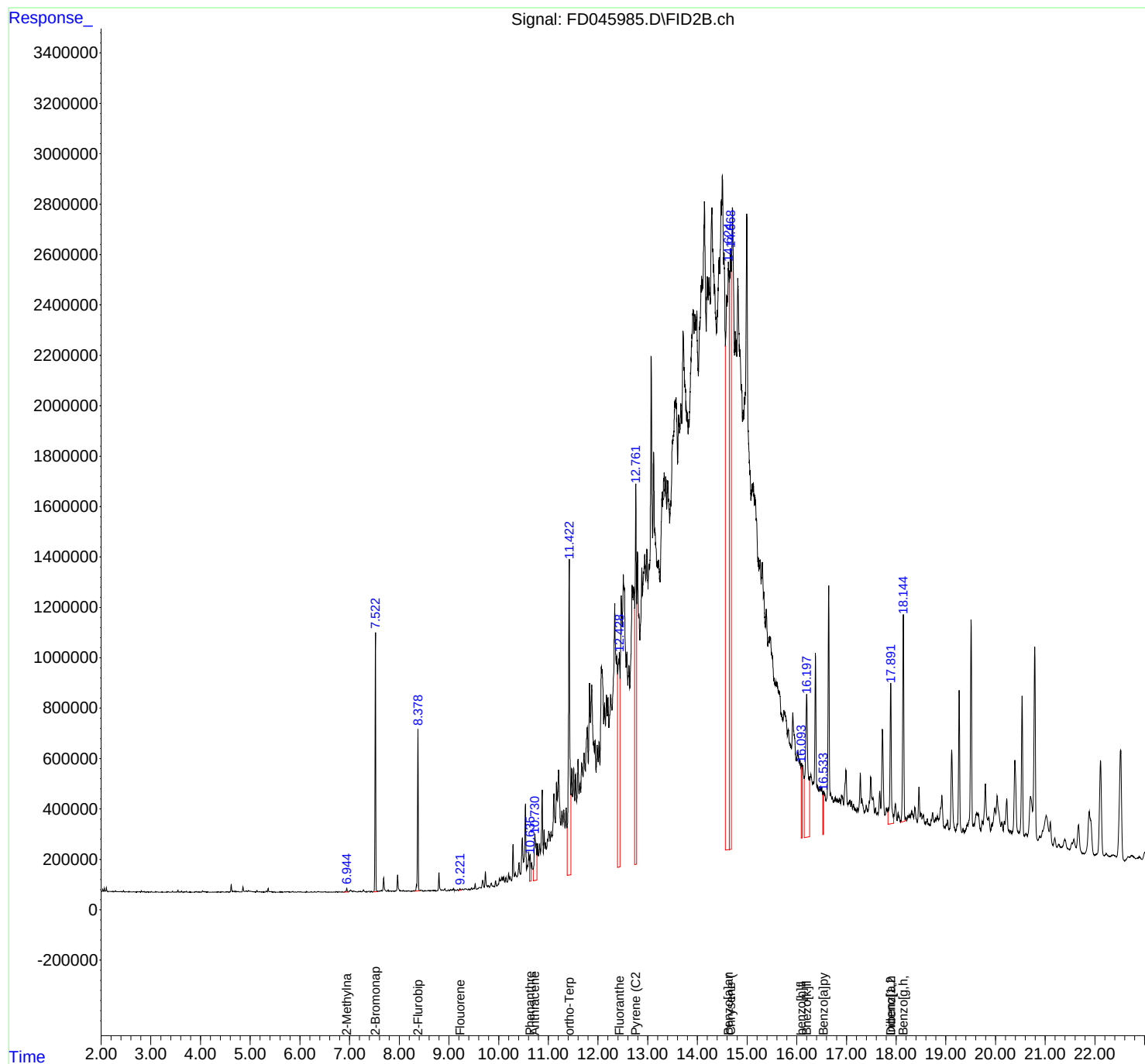
(m)=manual int.

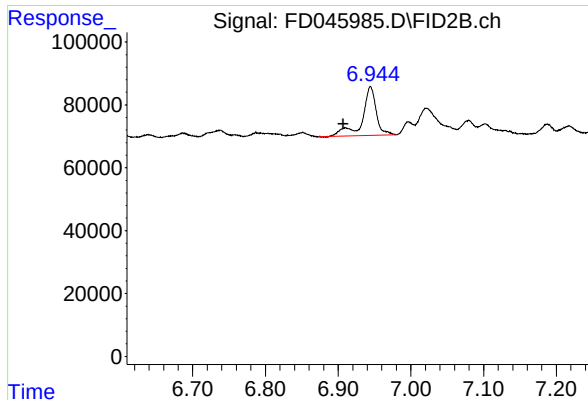
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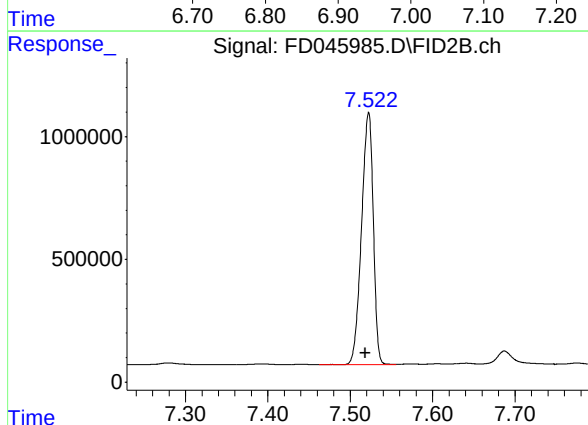




#3 2-Methylnaphthalene (C12.89)

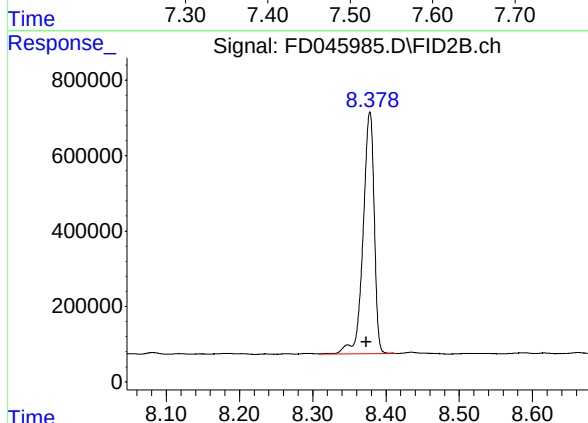
R.T.: 6.945 min
Delta R.T.: 0.037 min
Response: 206426
Conc: 0.82 ug/ml

Instrument :
FID_D
ClientSampleId :



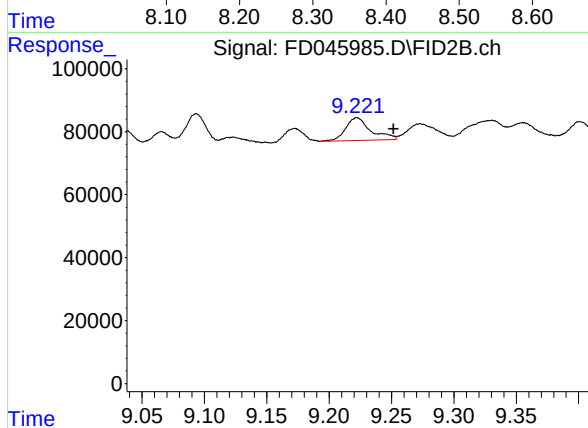
#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min
Delta R.T.: 0.004 min
Response: 10202790
Conc: 47.35 ug/ml



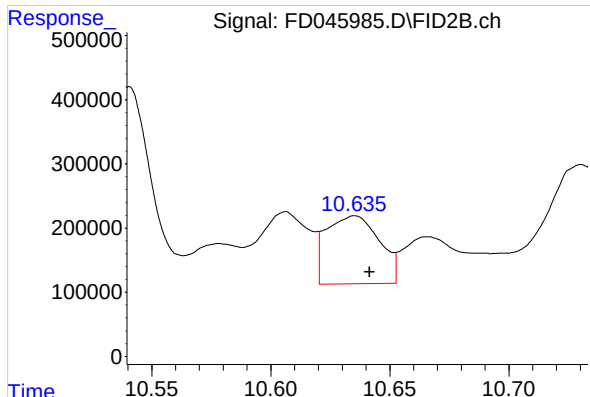
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.378 min
Delta R.T.: 0.004 min
Response: 6783818
Conc: 49.02 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.222 min
Delta R.T.: -0.030 min
Response: 102580
Conc: 0.45 ug/ml



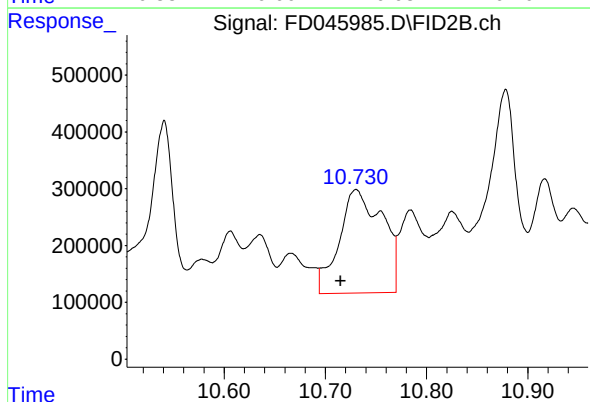
#9 Phenanthrene (C19.36)

R.T.: 10.635 min
Delta R.T.: -0.007 min
Response: 1645236
Conc: 7.71 ug/ml

Instrument :

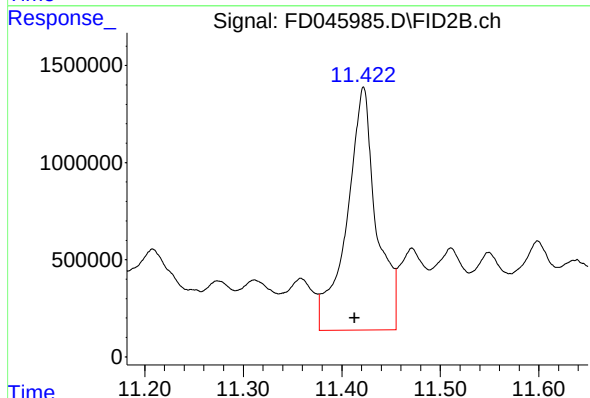
FID_D

ClientSampleId :



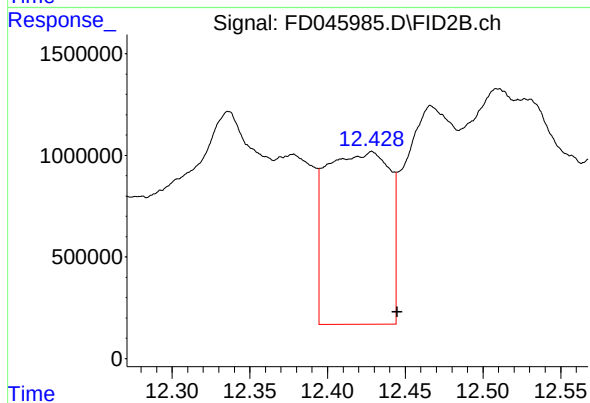
#10 Anthracene (C19.43)

R.T.: 10.730 min
Delta R.T.: 0.015 min
Response: 5427232
Conc: 34.16 ug/ml



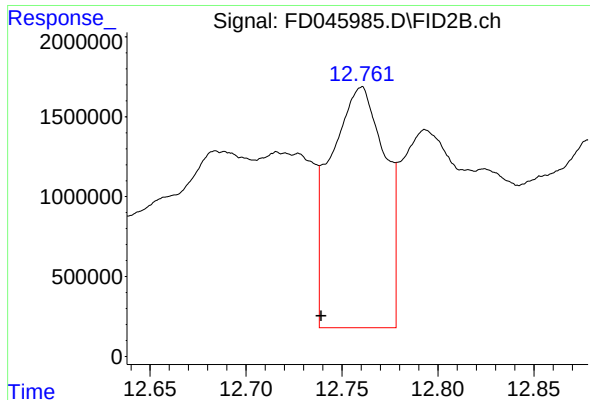
#11 ortho-Terphenyl (SURR)

R.T.: 11.422 min
Delta R.T.: 0.009 min
Response: 26016150
Conc: 102.62 ug/ml



#12 Fluoranthene (C21.85)

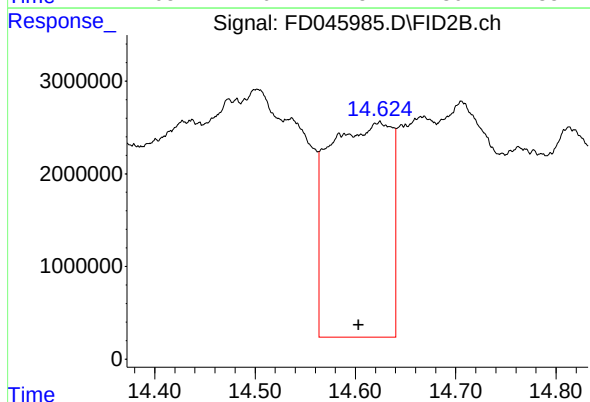
R.T.: 12.428 min
Delta R.T.: -0.017 min
Response: 23919708
Conc: 116.88 ug/ml



#13 Pyrene (C20.8)

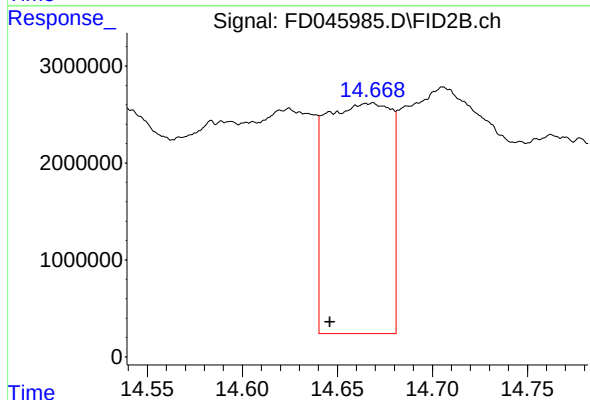
R.T.: 12.760 min
Delta R.T.: 0.020 min
Response: 29639306
Conc: 152.44 ug/ml

Instrument :
FID_D
ClientSampleId :



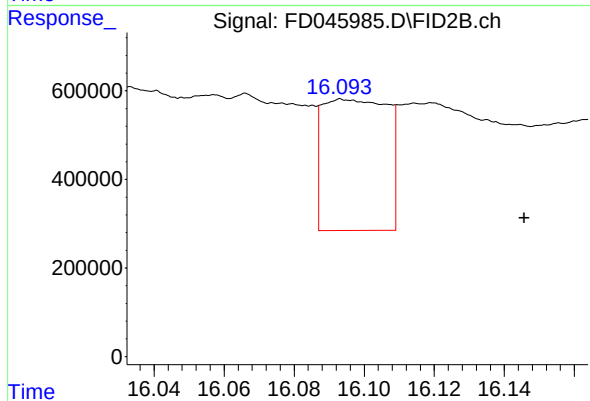
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.624 min
Delta R.T.: 0.020 min
Response: 100687945
Conc: 559.86 ug/ml



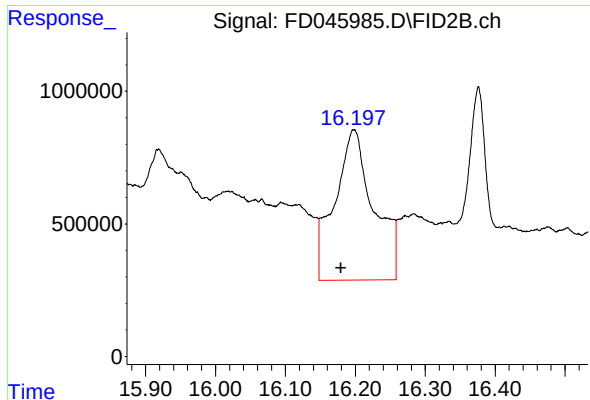
#15 Chrysene (C27.41)

R.T.: 14.667 min
Delta R.T.: 0.021 min
Response: 56358964
Conc: 287.14 ug/ml



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

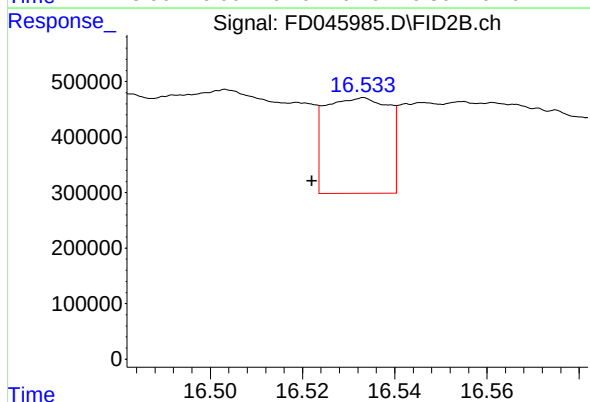
R.T.: 16.095 min
Delta R.T.: -0.051 min
Response: 3814613
Conc: 20.34 ug/ml



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

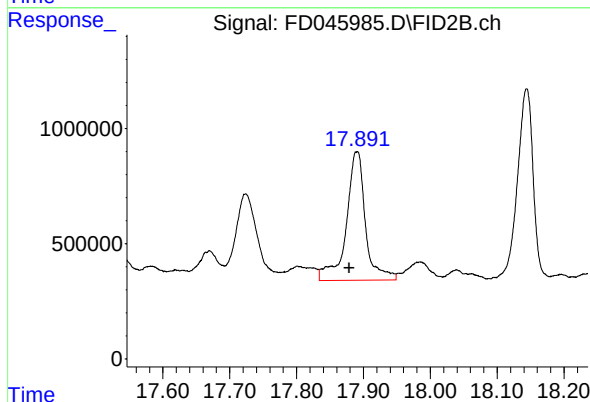
R.T.: 16.198 min
Delta R.T.: 0.019 min
Response: 21963582
Conc: 111.04 ug/ml

Instrument :
FID_D
ClientSampleId :



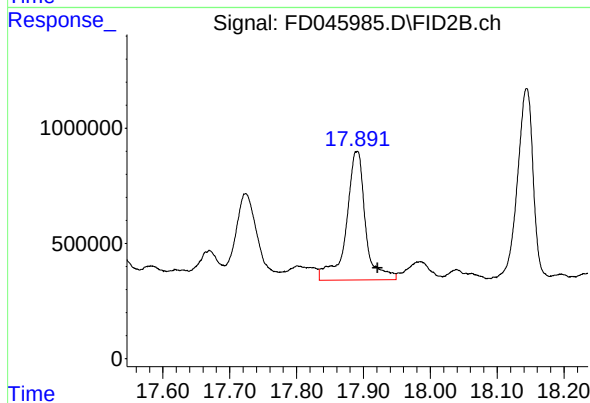
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.532 min
Delta R.T.: 0.010 min
Response: 1648663
Conc: 9.46 ug/ml



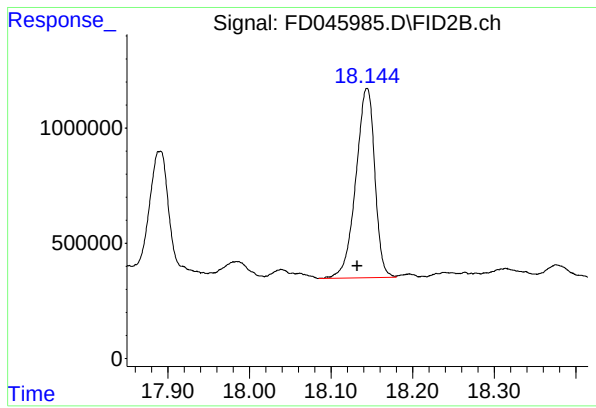
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.890 min
Delta R.T.: 0.011 min
Response: 11192833
Conc: 60.14 ug/ml



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

R.T.: 17.890 min
Delta R.T.: -0.031 min
Response: 11192833
Conc: 60.88 ug/ml



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

R.T.: 18.144 min
Delta R.T.: 0.011 min
Response: 13262550
Conc: 70.98 ug/ml

Instrument :

FID_D

ClientSampleId :