

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046905.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2023 16:41
 Operator : YP/AJ
 Sample : 05449-02
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 00:13:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.480	9425949	51.685 ug/ml
Spiked Amount 50.000		Recovery =	103.37%
6) S 2-Fluorobiphenyl (SURR)	8.331	3399861	28.890 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.78%
11) S ortho-Terphenyl (SURR)	11.370	8087096	38.191 ug/ml
Spiked Amount 50.000		Recovery =	76.38%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.877	120586	0.600 ug/ml
7) T Acenaphthene (C15.5)	8.390	42652	0.218 ug/ml
8) T Flouorene (C16.55)	9.220	51520	0.279 ug/ml
9) T Phenanthrene (C19.36)	10.602	39241	0.221 ug/ml
12) T Fluoranthene (C21.85)	12.400	125293	0.725 ug/ml
13) T Pyrene (C20.8)	12.693	89962	0.541 ug/ml
14) T Benzo[a]anthracene (C...	14.560	48331	0.344 ug/ml
15) T Chrysene (C27.41)	14.602	112775	0.723 ug/ml
16) T benzo[b]fluoranthene ...	16.101	76359	0.534 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	66602	0.455 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	106241	0.758 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	250961	1.987 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	304257	2.178 ug/ml
21) T Benzo[g,h,i]perylene ...	18.079	138614	0.993 ug/ml

(f)=RT Delta > 1/2 Window

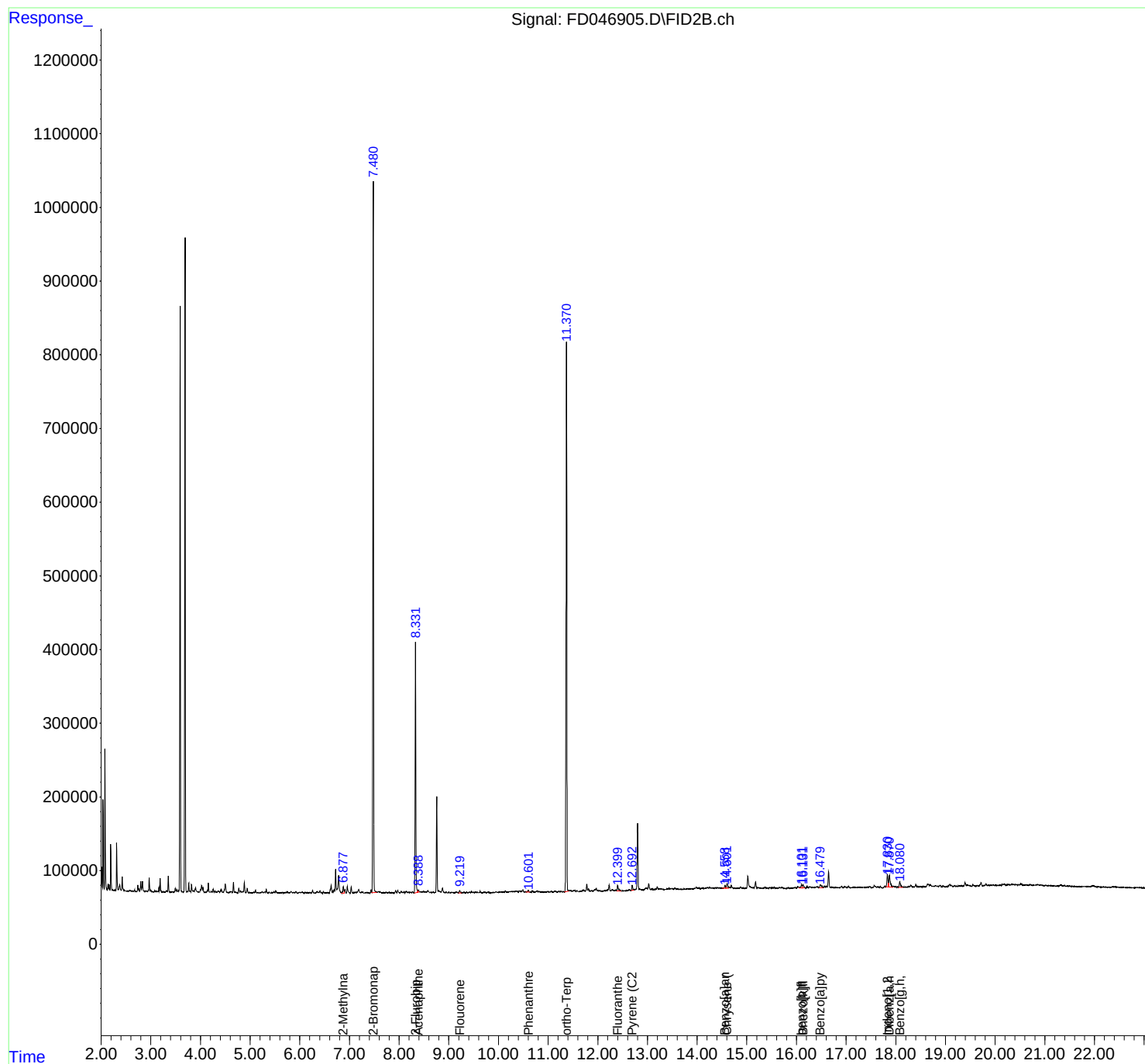
(m)=manual int.

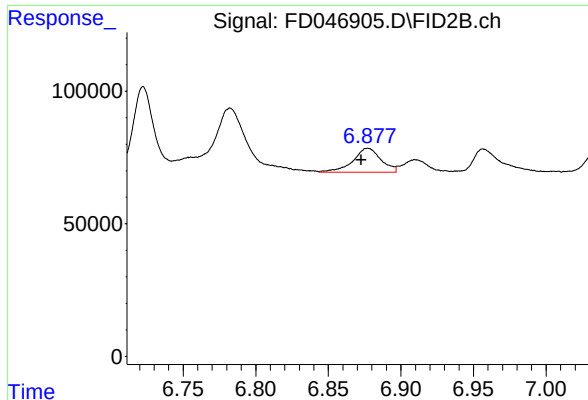
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
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Signal Info : 20M x 0.18mm x 0.18µm

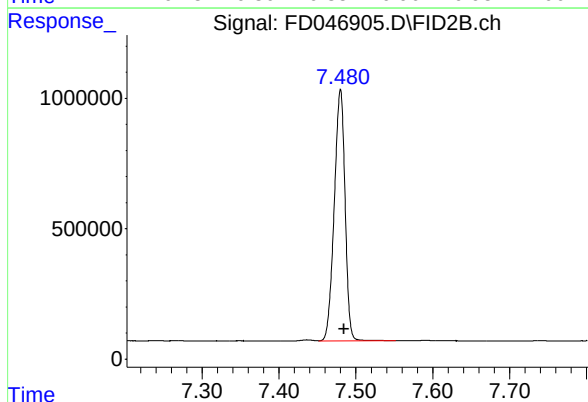




#3 2-Methylnaphthalene (C12.89)

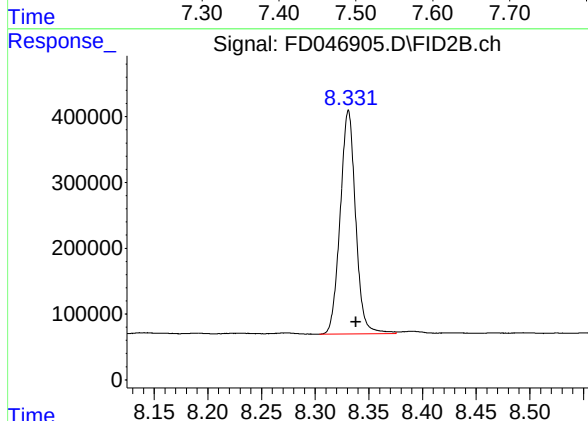
R.T.: 6.877 min
Delta R.T.: 0.005 min
Response: 120586
Conc: 0.60 ug/ml

Instrument :
FID_D
ClientSampleId :



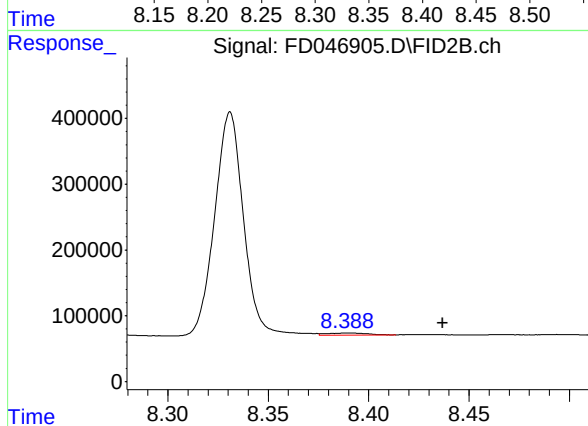
#4 2-Bromonaphthalene (SURR)

R.T.: 7.480 min
Delta R.T.: -0.005 min
Response: 9425949
Conc: 51.68 ug/ml



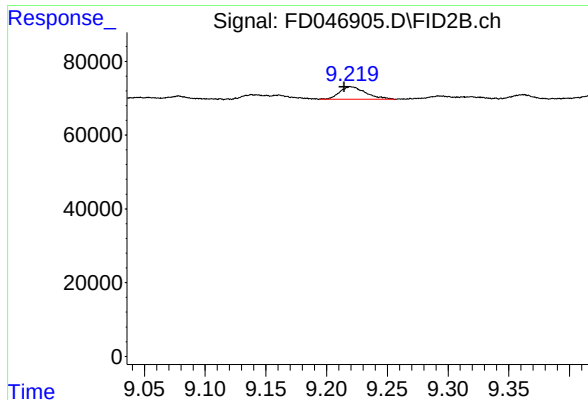
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.007 min
Response: 3399861
Conc: 28.89 ug/ml



#7 Acenaphthene (C15.5)

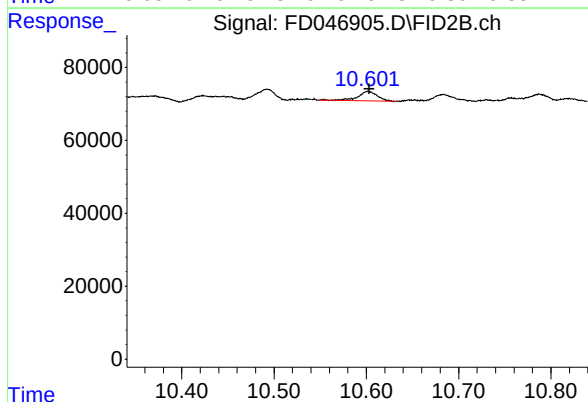
R.T.: 8.390 min
Delta R.T.: -0.047 min
Response: 42652
Conc: 0.22 ug/ml



#8 Flouorene (C16.55)

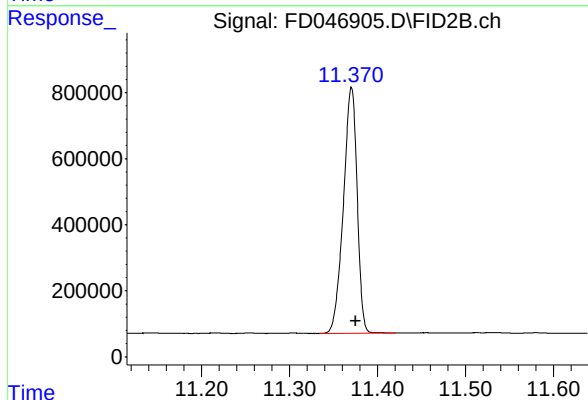
R.T.: 9.220 min
Delta R.T.: 0.006 min
Response: 51520
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



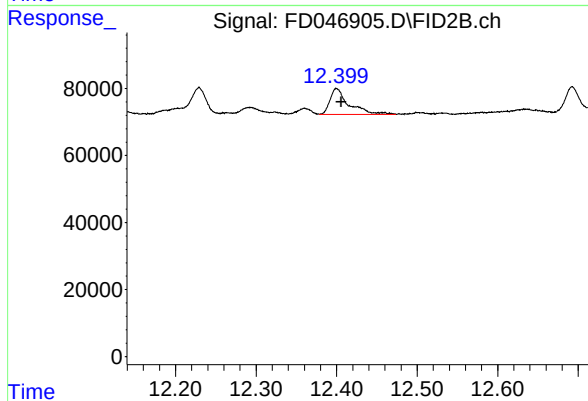
#9 Phenanthrene (C19.36)

R.T.: 10.602 min
Delta R.T.: -0.001 min
Response: 39241
Conc: 0.22 ug/ml



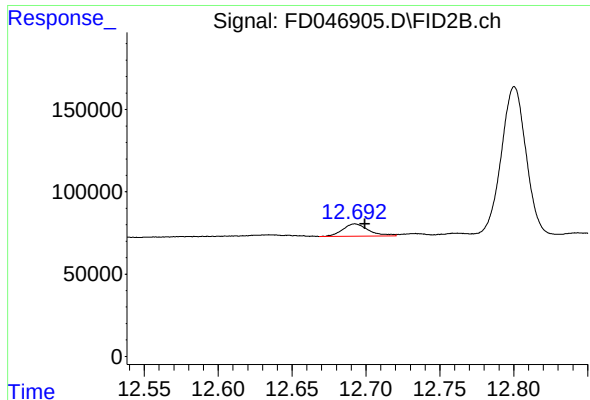
#11 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: -0.005 min
Response: 8087096
Conc: 38.19 ug/ml



#12 Fluoranthene (C21.85)

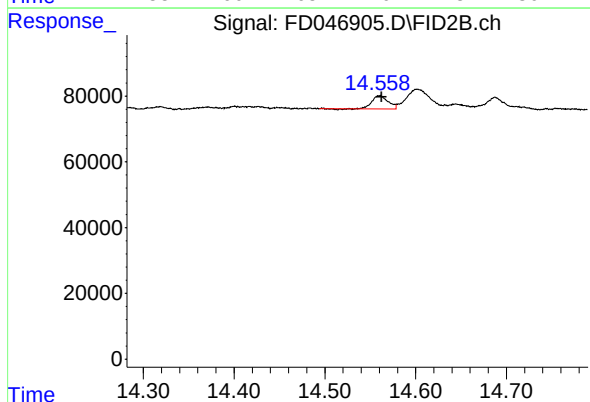
R.T.: 12.400 min
Delta R.T.: -0.005 min
Response: 125293
Conc: 0.73 ug/ml



#13 Pyrene (C20.8)

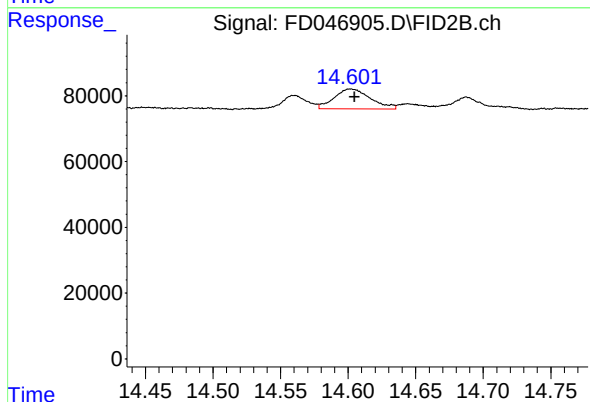
R.T.: 12.693 min
Delta R.T.: -0.006 min
Response: 89962
Conc: 0.54 ug/ml

Instrument :
FID_D
ClientSampleId :



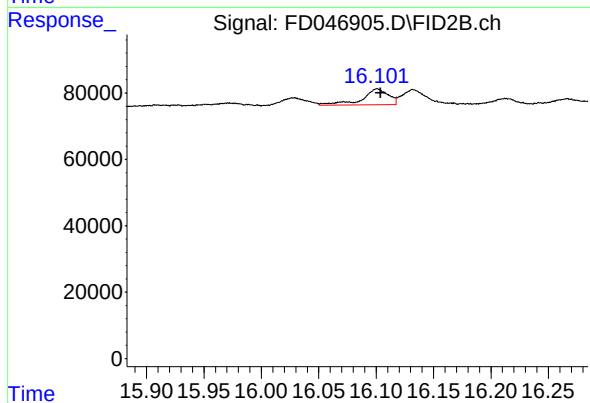
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: -0.003 min
Response: 48331
Conc: 0.34 ug/ml



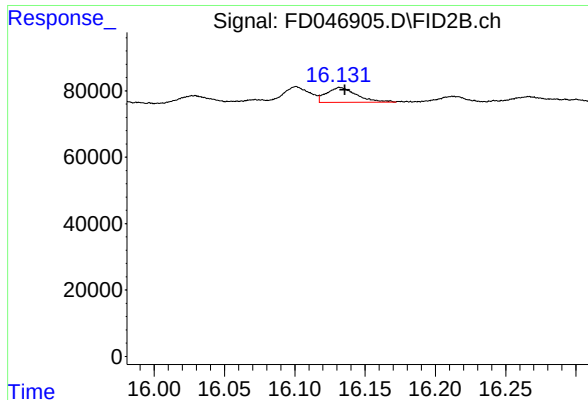
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: -0.003 min
Response: 112775
Conc: 0.72 ug/ml



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

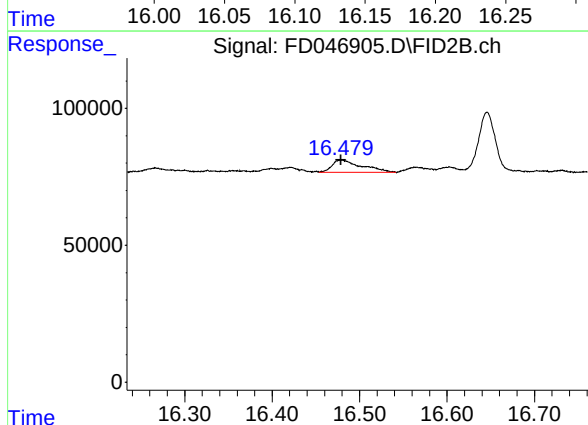
R.T.: 16.101 min
Delta R.T.: -0.003 min
Response: 76359
Conc: 0.53 ug/ml



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

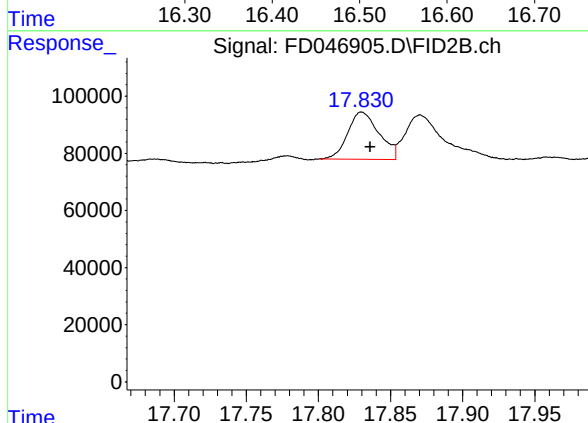
R.T.: 16.132 min
Delta R.T.: -0.003 min
Response: 66602
Conc: 0.45 ug/ml

Instrument :
FID_D
ClientSampleId :



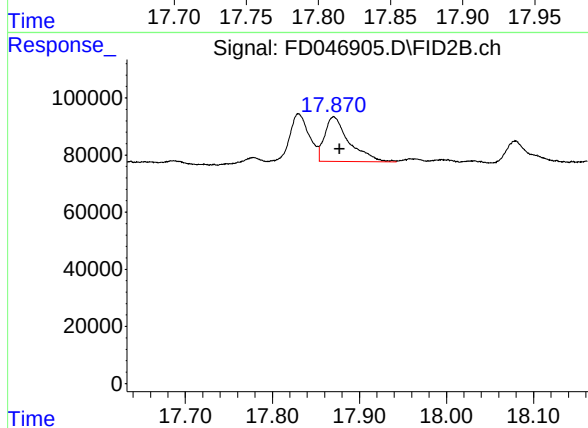
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.000 min
Response: 106241
Conc: 0.76 ug/ml



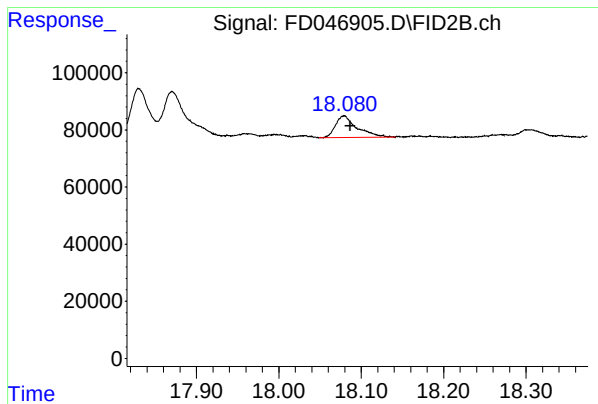
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: -0.006 min
Response: 250961
Conc: 1.99 ug/ml



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

R.T.: 17.871 min
Delta R.T.: -0.006 min
Response: 304257
Conc: 2.18 ug/ml



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

R.T.: 18.079 min

Delta R.T.: -0.008 min

Response: 138614

Conc: 0.99 ug/ml

Instrument :

FID_D

ClientSampleId :