

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045346.D
 Signal(s) : FID2B.ch
 Acq On : 25 Mar 2023 03:16
 Operator : YP/AJ
 Sample : 02070-03
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 05:21:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.550	6199828	45.685 ug/ml
Spiked Amount 50.000		Recovery =	91.37%
6) S 2-Fluorobiphenyl (SURR)	8.405	3923769	43.824 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.65%
11) S ortho-Terphenyl (SURR)	11.445	4487713	26.961 ug/ml
Spiked Amount 50.000		Recovery =	53.92%
Target Compounds			
2) T Naphthalene (C11.7)	5.888	103018	0.652 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	125664	0.791 ug/ml
7) T Acenaphthene (C15.5)	8.502	134083	0.885 ug/ml
8) T Flouorene (C16.55)	9.280	124410	0.845 ug/ml
9) T Phenanthrene (C19.36)	10.670	217114	1.521 ug/ml
10) T Anthracene (C19.43)	10.743	42038	0.300 ug/ml
12) T Fluoranthene (C21.85)	12.473	203184	1.455 ug/ml
13) T Pyrene (C20.8)	12.769	166103	1.220 ug/ml
14) T Benzo[a]anthracene (C...	14.631	60919	0.478 ug/ml
15) T Chrysene (C27.41)	14.671	119057	0.914 ug/ml
16) T benzo[b]fluoranthene ...	16.174	68338	0.530 ug/ml
17) T Bnezo[k]fluoranthene ...	16.174	68338	0.541 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.548	55656	0.442 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.909	109154	0.912 ug/ml
20) T Dibenz[a,h]anthracene...	17.909	109154	0.905 ug/ml
21) T Benzo[g,h,i]perylene ...	18.156	62345	0.501 ug/ml

(f)=RT Delta > 1/2 Window

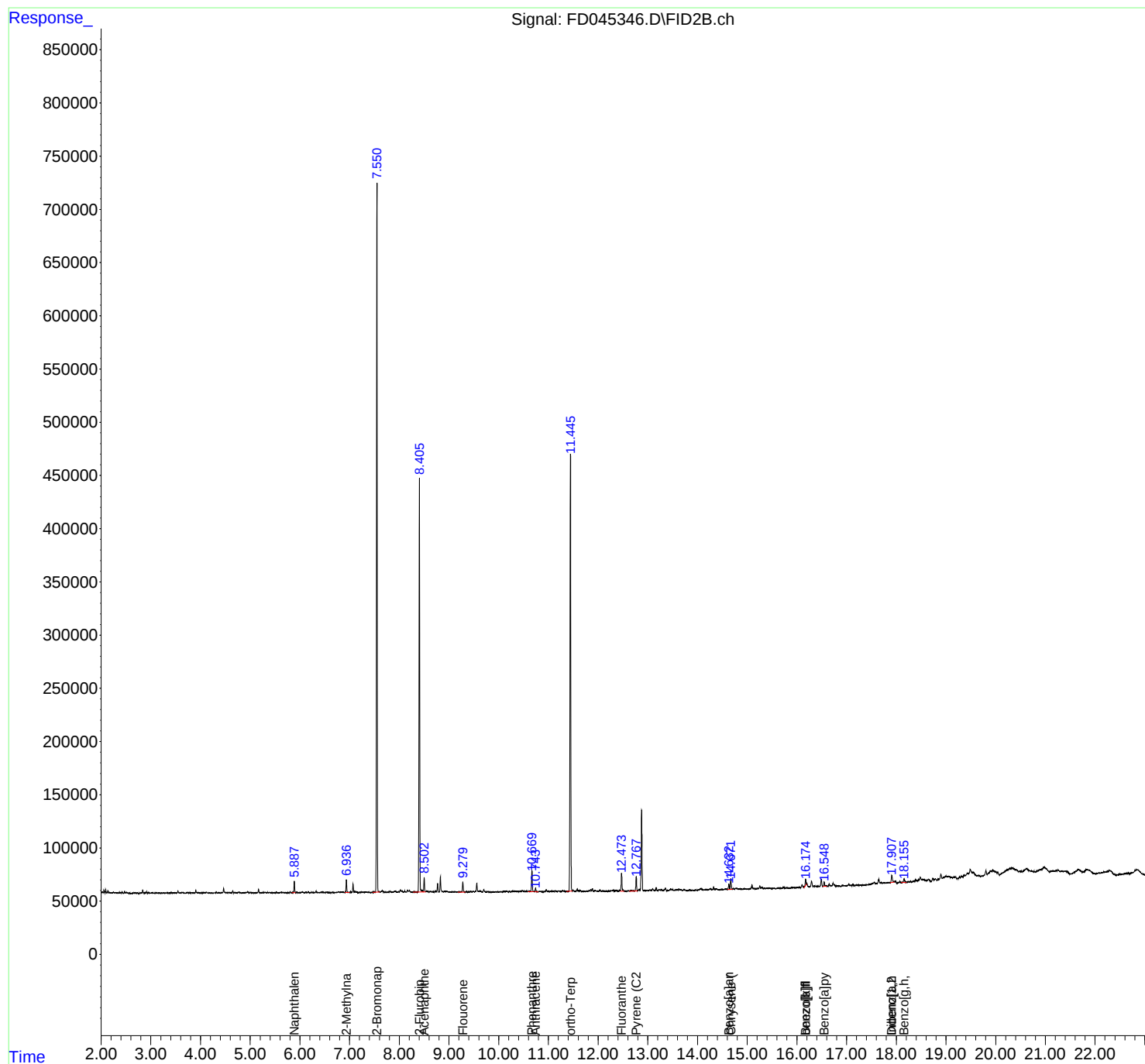
(m)=manual int.

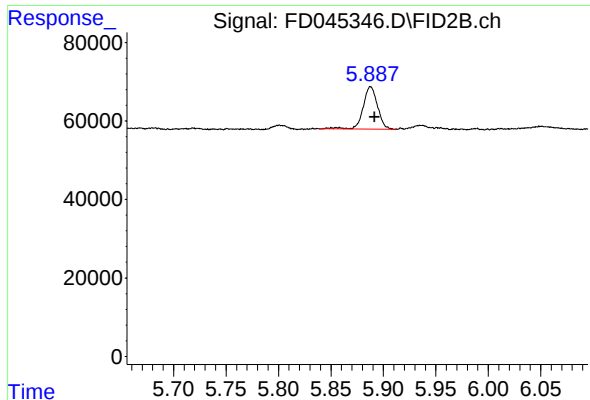
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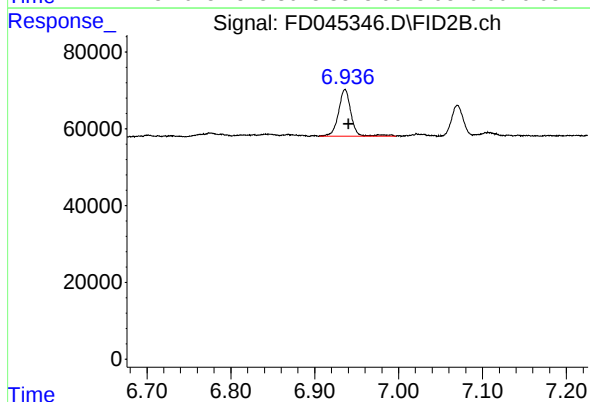




#2 Naphthalene (C11.7)

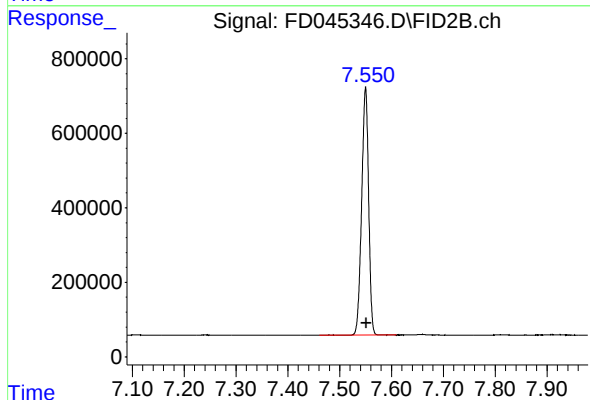
R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 103018
Conc: 0.65 ug/ml

Instrument :
FID_D
ClientSampleId :



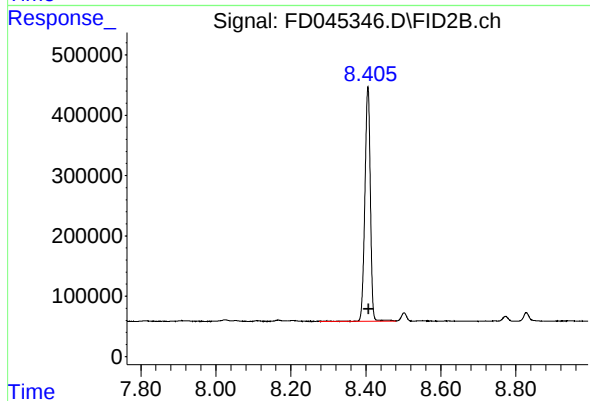
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 125664
Conc: 0.79 ug/ml



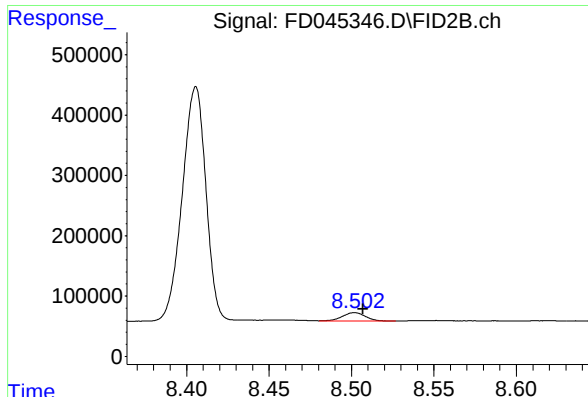
#4 2-Bromonaphthalene (SURR)

R.T.: 7.550 min
Delta R.T.: -0.002 min
Response: 6199828
Conc: 45.69 ug/ml



#6 2-Fluorobiphenyl (SURR)

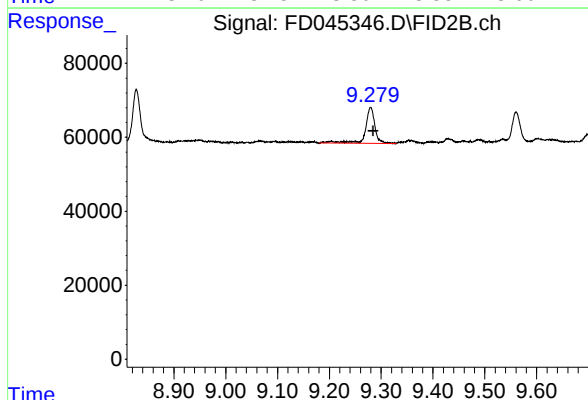
R.T.: 8.405 min
Delta R.T.: -0.002 min
Response: 3923769
Conc: 43.82 ug/ml



#7 Acenaphthene (C15.5)

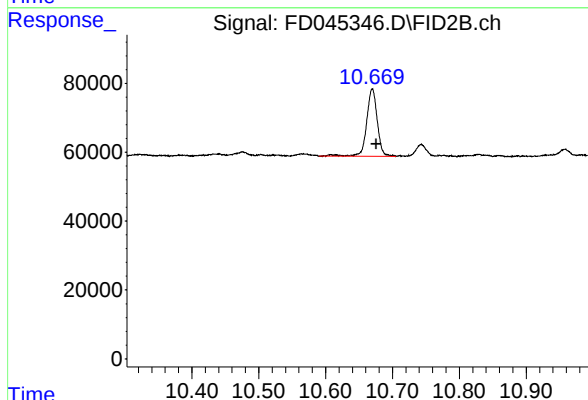
R.T.: 8.502 min
Delta R.T.: -0.005 min
Response: 134083
Conc: 0.88 ug/ml

Instrument :
FID_D
ClientSampleId :



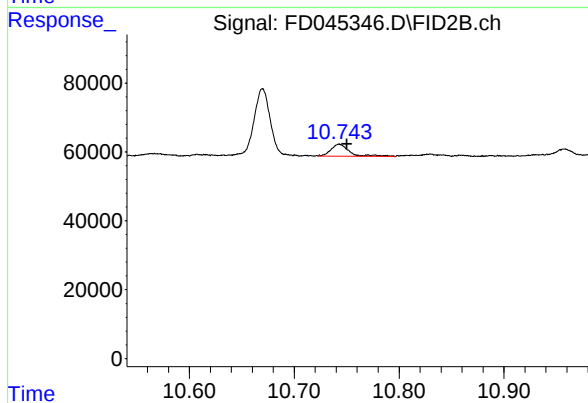
#8 Flouorene (C16.55)

R.T.: 9.280 min
Delta R.T.: -0.006 min
Response: 124410
Conc: 0.85 ug/ml



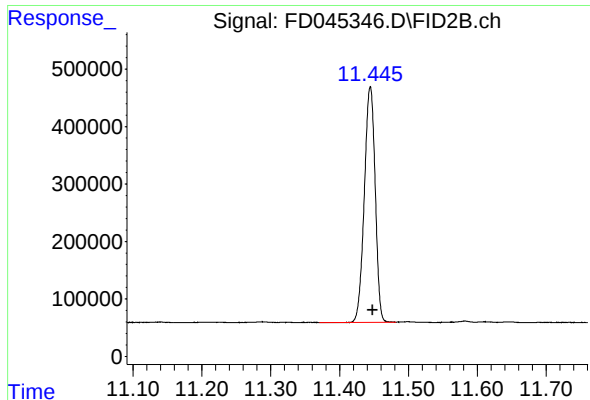
#9 Phenanthrene (C19.36)

R.T.: 10.670 min
Delta R.T.: -0.006 min
Response: 217114
Conc: 1.52 ug/ml



#10 Anthracene (C19.43)

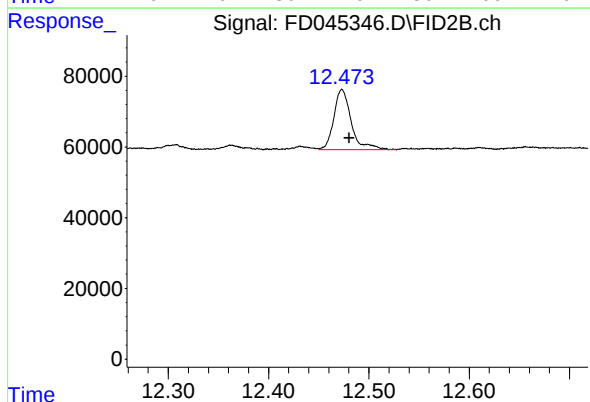
R.T.: 10.743 min
Delta R.T.: -0.007 min
Response: 42038
Conc: 0.30 ug/ml



#11 ortho-Terphenyl (SURR)

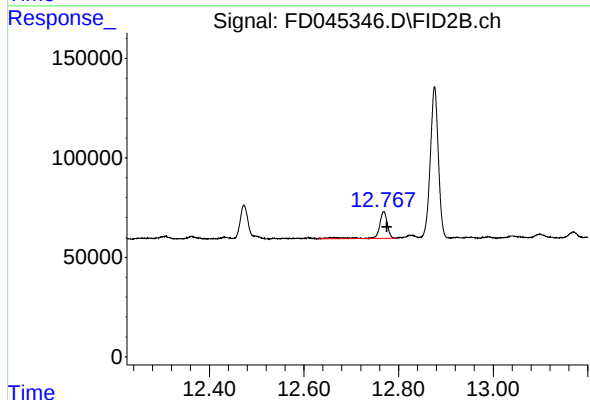
R.T.: 11.445 min
Delta R.T.: -0.003 min
Response: 4487713
Conc: 26.96 ug/ml

Instrument :
FID_D
ClientSampleId :



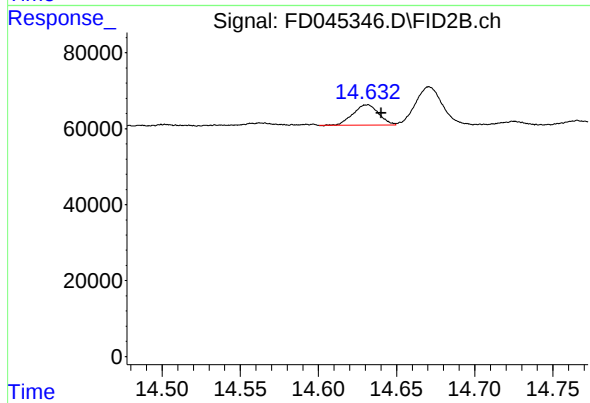
#12 Fluoranthene (C21.85)

R.T.: 12.473 min
Delta R.T.: -0.007 min
Response: 203184
Conc: 1.45 ug/ml



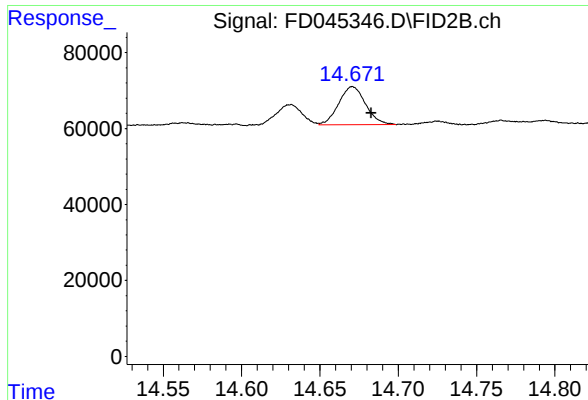
#13 Pyrene (C20.8)

R.T.: 12.769 min
Delta R.T.: -0.007 min
Response: 166103
Conc: 1.22 ug/ml



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

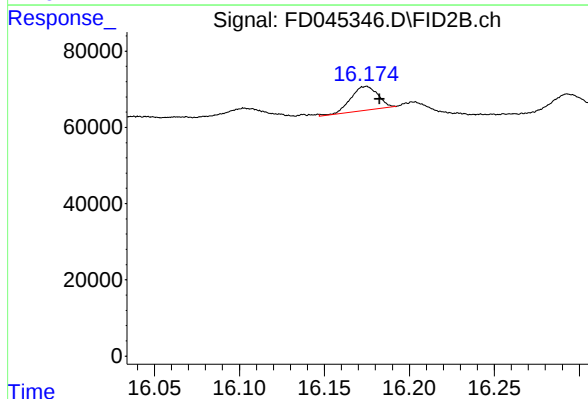
R.T.: 14.631 min
Delta R.T.: -0.009 min
Response: 60919
Conc: 0.48 ug/ml



#15 Chrysene (C27.41)

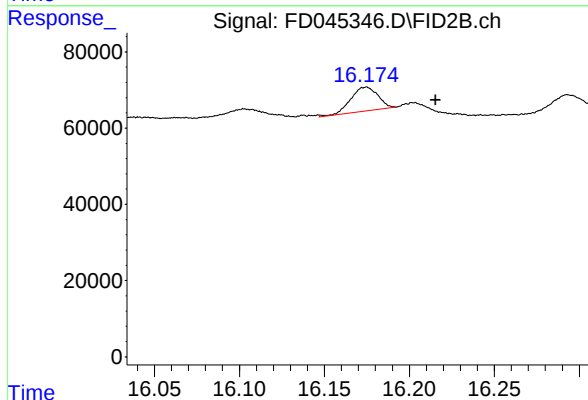
R.T.: 14.671 min
Delta R.T.: -0.012 min
Response: 119057
Conc: 0.91 ug/ml

Instrument :
FID_D
ClientSampleId :



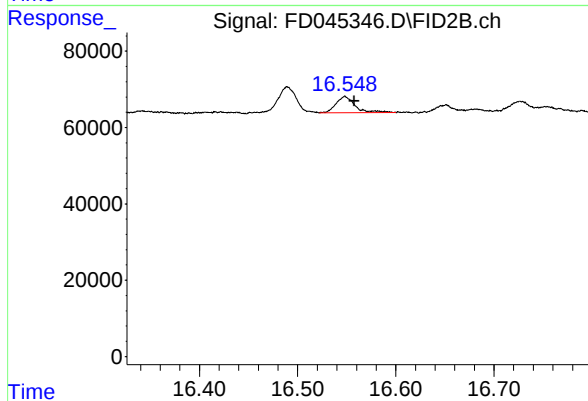
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.174 min
Delta R.T.: -0.008 min
Response: 68338
Conc: 0.53 ug/ml



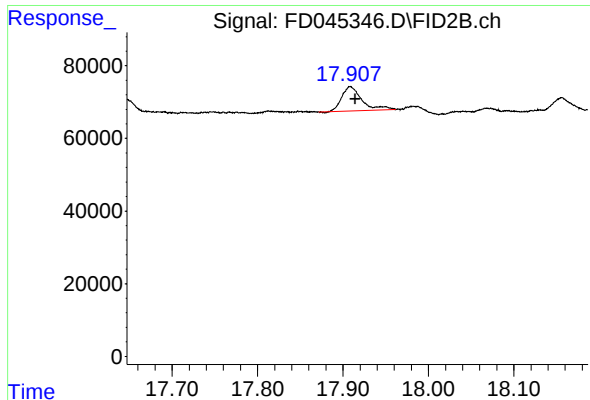
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.174 min
Delta R.T.: -0.041 min
Response: 68338
Conc: 0.54 ug/ml



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

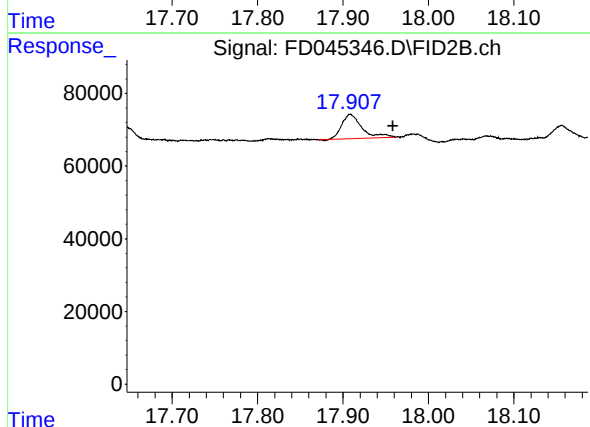
R.T.: 16.548 min
Delta R.T.: -0.009 min
Response: 55656
Conc: 0.44 ug/ml



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

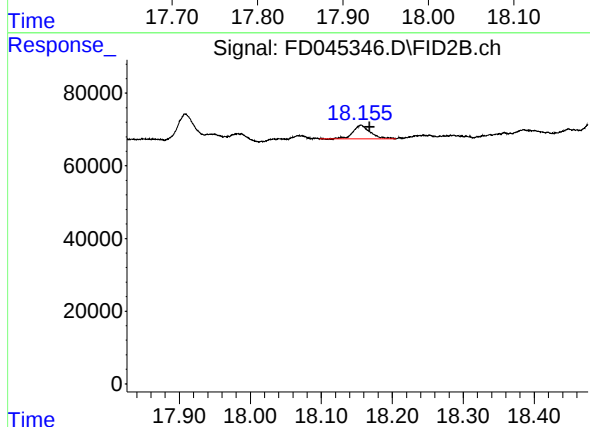
R.T.: 17.909 min
Delta R.T.: -0.006 min
Response: 109154
Conc: 0.91 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.909 min
Delta R.T.: -0.050 min
Response: 109154
Conc: 0.90 ug/ml



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

R.T.: 18.156 min
Delta R.T.: -0.012 min
Response: 62345
Conc: 0.50 ug/ml