

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030923AR\
 Data File : FD045259.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2023 03:18
 Operator : YP/AJ
 Sample : 01830-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 04:57:27 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...	7.552	6382117	47.028 ug/ml
Spiked Amount 50.000		Recovery =	94.06%
6) S 2-Fluorobiphenyl (SURR)	8.408	3996555	44.637 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.27%
11) S ortho-Terphenyl (SURR)	11.447	4404263	26.459 ug/ml
Spiked Amount 50.000		Recovery =	52.92%
Target Compounds			
2) T Naphthalene (C11.7)	5.891	68745	0.435 ug/ml
3) T 2-Methylnaphthalene (...)	6.939	56260	0.354 ug/ml
7) T Acenaphthene (C15.5)	8.504	94354	0.623 ug/ml
8) T Flouorene (C16.55)	9.282	111325	0.756 ug/ml
9) T Phenanthrene (C19.36)	10.673	967663	6.778 ug/ml
10) T Anthracene (C19.43)	10.746	153257	1.094 ug/ml
12) T Fluoranthene (C21.85)	12.477	1099016	7.868 ug/ml
13) T Pyrene (C20.8)	12.772	880853	6.468 ug/ml
14) T Benzo[a]anthracene (C...	14.636	380315	2.983 ug/ml
15) T Chrysene (C27.41)	14.676	428002	3.284 ug/ml
16) T benzo[b]fluoranthene ...	16.183	872662	6.769 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	872662	6.913 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	463884	3.686 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	410928	3.435 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	173469	1.438 ug/ml
21) T Benzo[g,h,i]perylene ...	18.168	440637	3.541 ug/ml

(f)=RT Delta > 1/2 Window

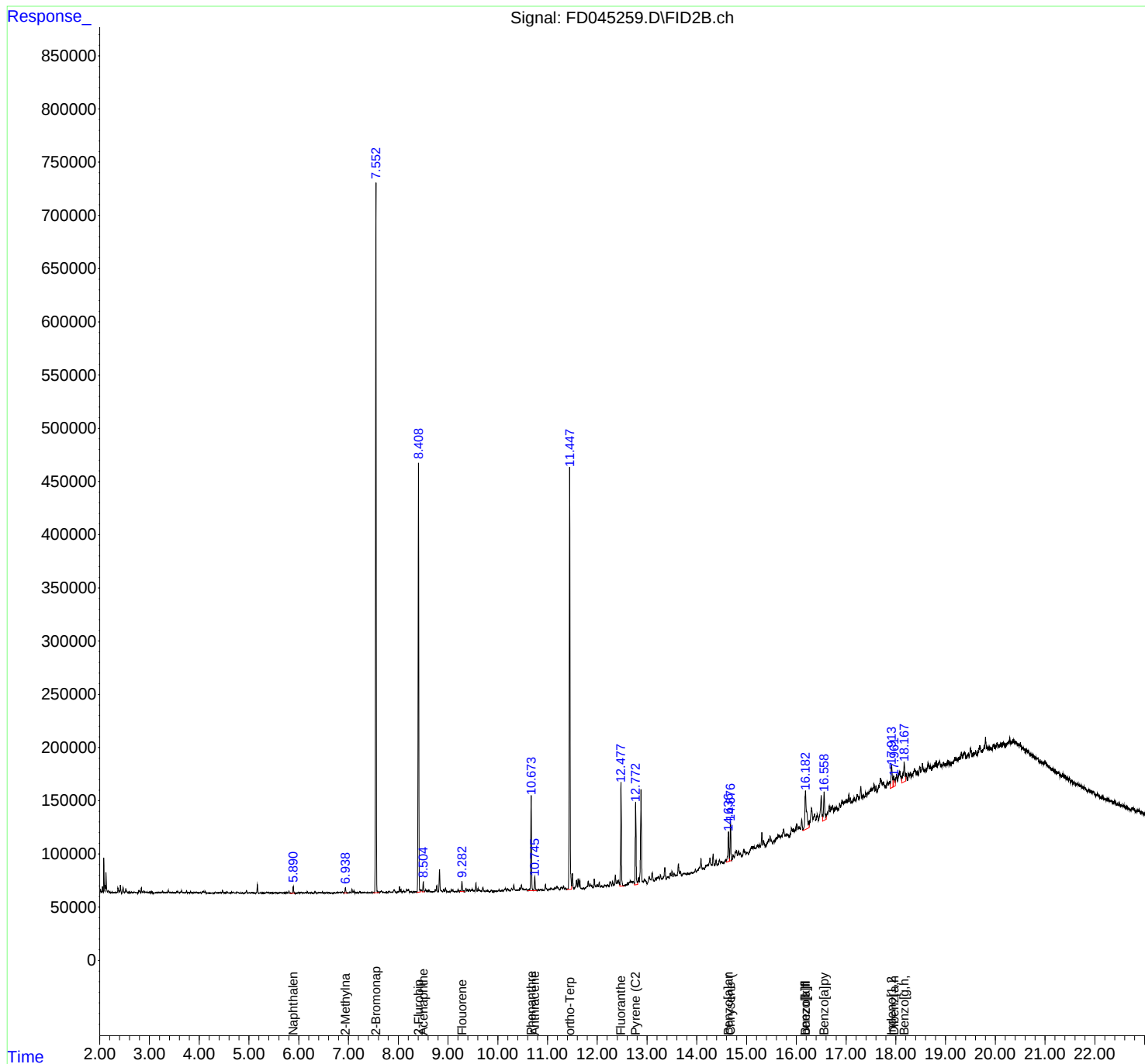
(m)=manual int.

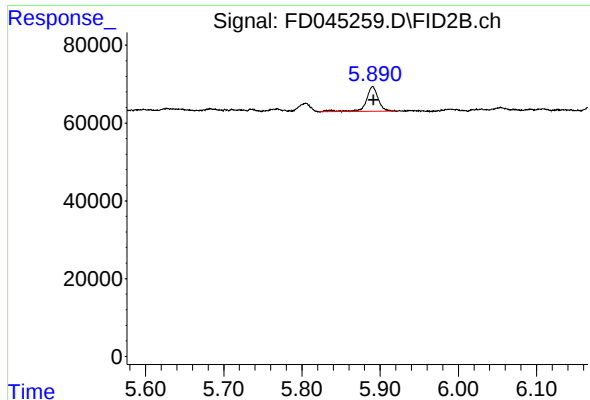
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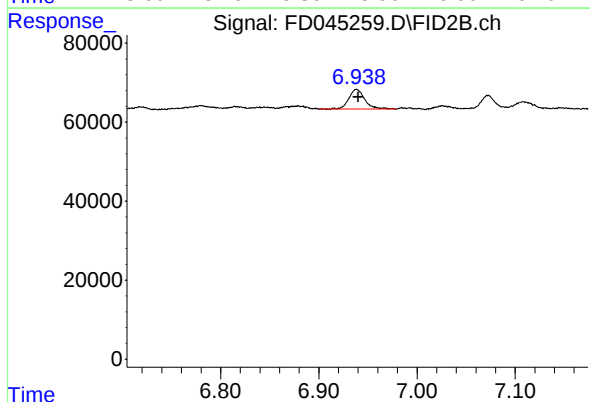




#2 Naphthalene (C11.7)

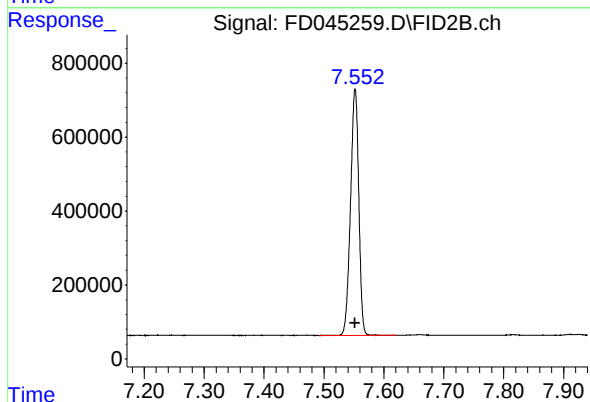
R.T.: 5.891 min
Delta R.T.: -0.001 min
Response: 68745
Conc: 0.44 ug/ml

Instrument :
FID_D
ClientSampleId :



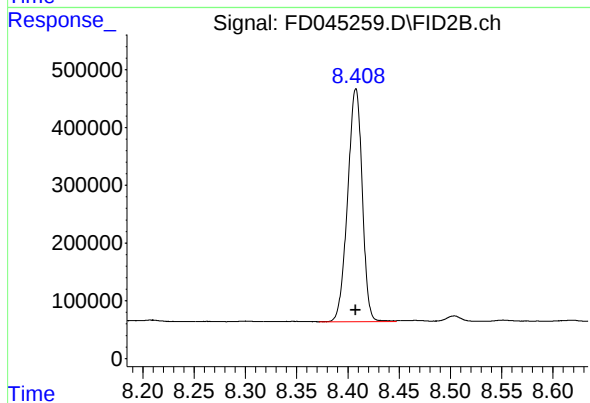
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 56260
Conc: 0.35 ug/ml



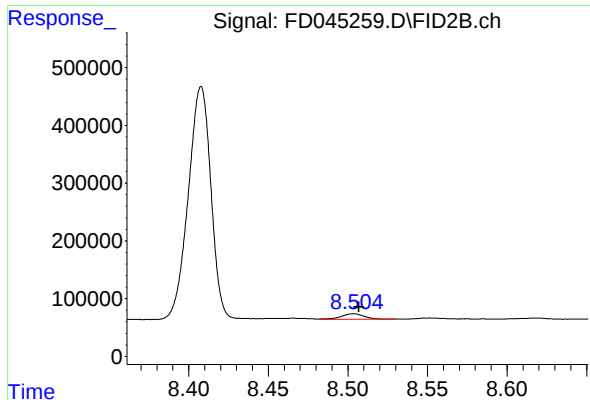
#4 2-Bromonaphthalene (SURR)

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 6382117
Conc: 47.03 ug/ml



#6 2-Fluorobiphenyl (SURR)

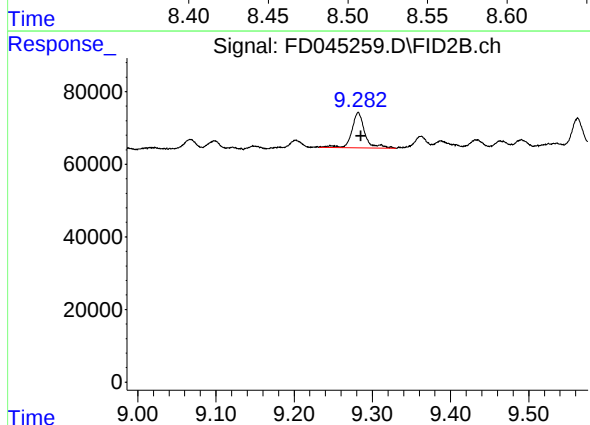
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 3996555
Conc: 44.64 ug/ml



#7 Acenaphthene (C15.5)

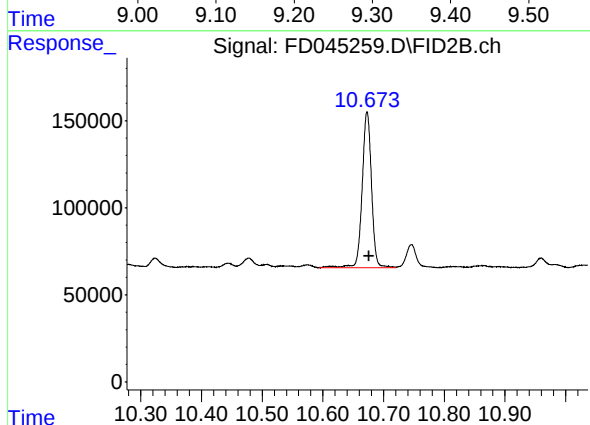
R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 94354
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



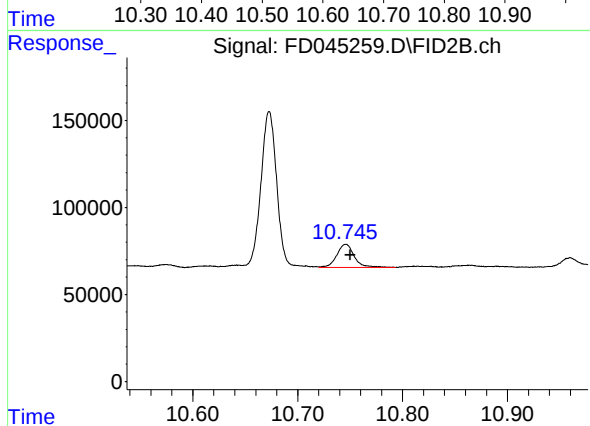
#8 Flouorene (C16.55)

R.T.: 9.282 min
Delta R.T.: -0.003 min
Response: 111325
Conc: 0.76 ug/ml



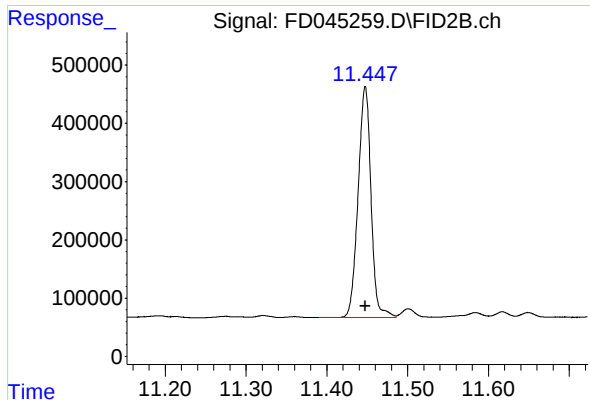
#9 Phenanthrene (C19.36)

R.T.: 10.673 min
Delta R.T.: -0.003 min
Response: 967663
Conc: 6.78 ug/ml



#10 Anthracene (C19.43)

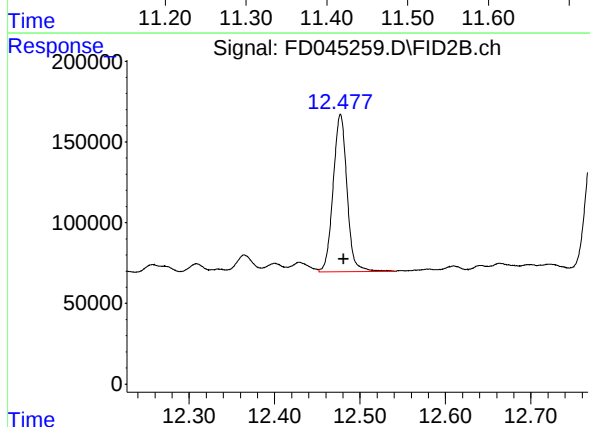
R.T.: 10.746 min
Delta R.T.: -0.005 min
Response: 153257
Conc: 1.09 ug/ml



#11 ortho-Terphenyl (SURR)

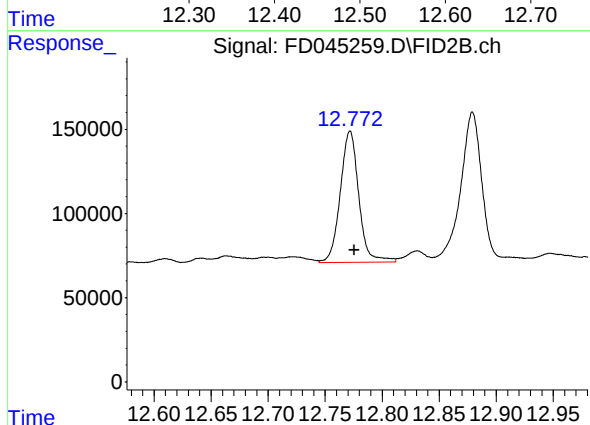
R.T.: 11.447 min
Delta R.T.: 0.000 min
Response: 4404263
Conc: 26.46 ug/ml

Instrument :
FID_D
ClientSampleId :



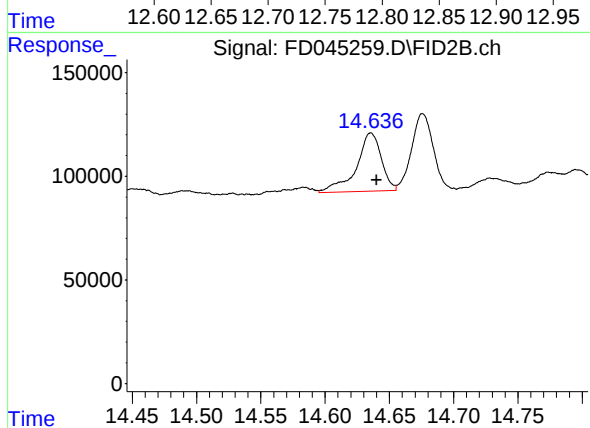
#12 Fluoranthene (C21.85)

R.T.: 12.477 min
Delta R.T.: -0.004 min
Response: 1099016
Conc: 7.87 ug/ml



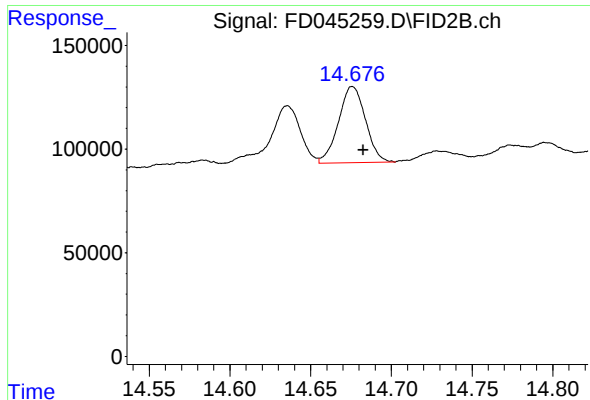
#13 Pyrene (C20.8)

R.T.: 12.772 min
Delta R.T.: -0.004 min
Response: 880853
Conc: 6.47 ug/ml



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

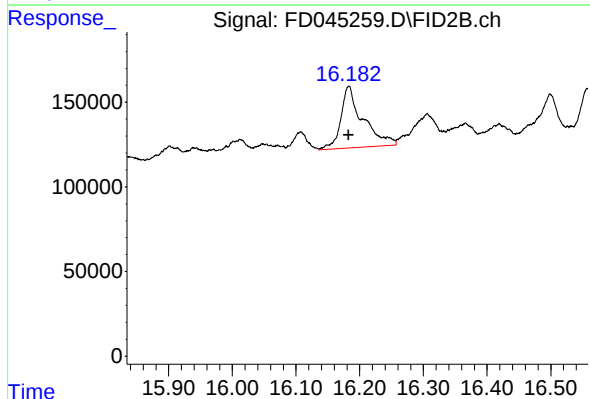
R.T.: 14.636 min
Delta R.T.: -0.004 min
Response: 380315
Conc: 2.98 ug/ml



#15 Chrysene (C27.41)

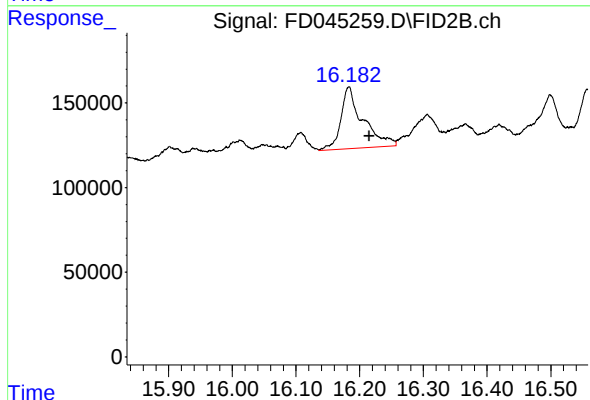
R.T.: 14.676 min
Delta R.T.: -0.007 min
Response: 428002
Conc: 3.28 ug/ml

Instrument :
FID_D
ClientSampleId :



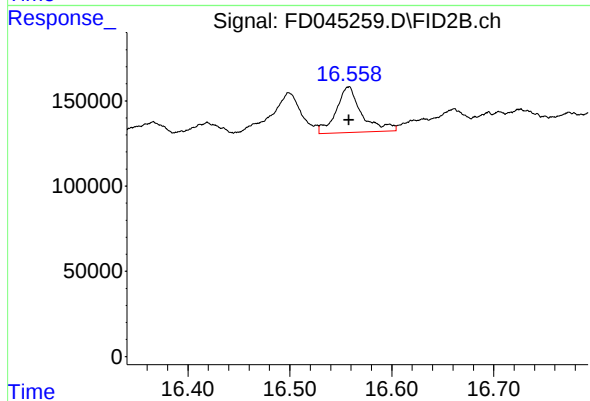
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 872662
Conc: 6.77 ug/ml



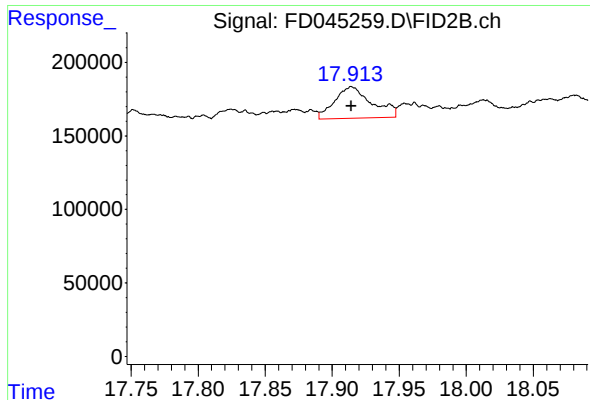
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.183 min
Delta R.T.: -0.033 min
Response: 872662
Conc: 6.91 ug/ml



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

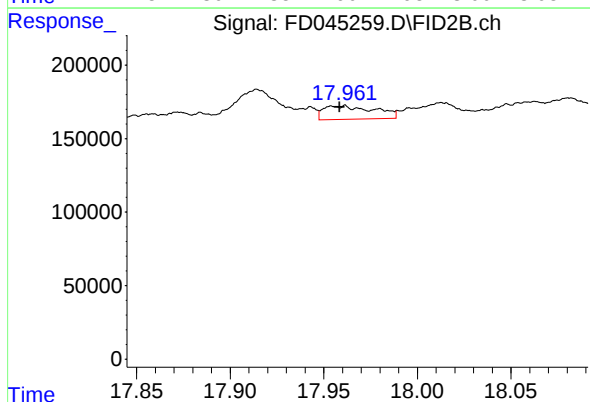
R.T.: 16.557 min
Delta R.T.: 0.000 min
Response: 463884
Conc: 3.69 ug/ml



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

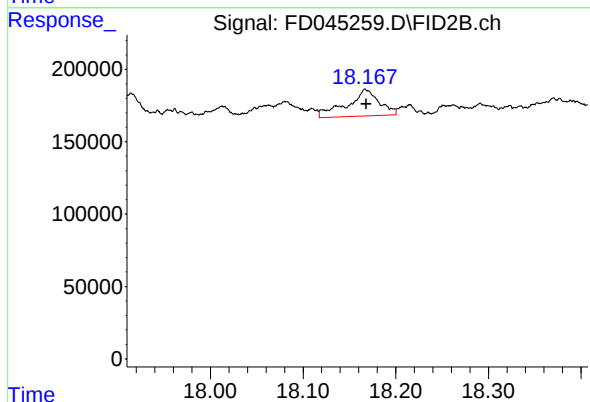
R.T.: 17.914 min
Delta R.T.: 0.000 min
Response: 410928
Conc: 3.44 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.958 min
Delta R.T.: 0.000 min
Response: 173469
Conc: 1.44 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.000 min
Response: 440637
Conc: 3.54 ug/ml