

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045868.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 09:18
 Operator : YP/AJ
 Sample : 03261-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 19 01:16:14 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...	7.527	7334389	40.682 ug/ml
Spiked Amount 50.000		Recovery =	81.36%
6) S 2-Fluorobiphenyl (SURR)	8.383	4905463	40.802 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.60%
11) S ortho-Terphenyl (SURR)	11.433	27086274	121.263 ug/ml
Spiked Amount 50.000		Recovery =	242.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.296f	13098	0.065 ug/ml
2) T Naphthalene (C11.7)	5.864	48289	0.228 ug/ml
3) T 2-Methylnaphthalene (...)	6.919	46910	0.222 ug/ml
5) T Acenaphthylene (C15.06)	8.203	42147	0.222 ug/ml
7) T Acenaphthene (C15.5)	8.473	162084	0.802 ug/ml
8) T Fluorene (C16.55)	9.283	1489377	7.517 ug/ml
9) T Phenanthrene (C19.36)	10.654	5664261	29.608 ug/ml
10) T Anthracene (C19.43)	10.751	9013658	52.913 ug/ml
12) T Fluoranthene (C21.85)	12.488	12428480	67.272 ug/ml
13) T Pyrene (C20.8)	12.759	11041512	61.823 ug/ml
14) T Benzo[a]anthracene (C...	14.681f	6811099	43.502 ug/ml
15) T Chrysene (C27.41)	14.681	6811099	41.284 ug/ml
16) T benzo[b]fluoranthene ...	16.190	68187	0.451 ug/ml
17) T Bnezo[k]fluoranthene ...	16.190	68187	0.440 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.903	153913	1.051 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	58948	0.393 ug/ml

(f)=RT Delta > 1/2 Window

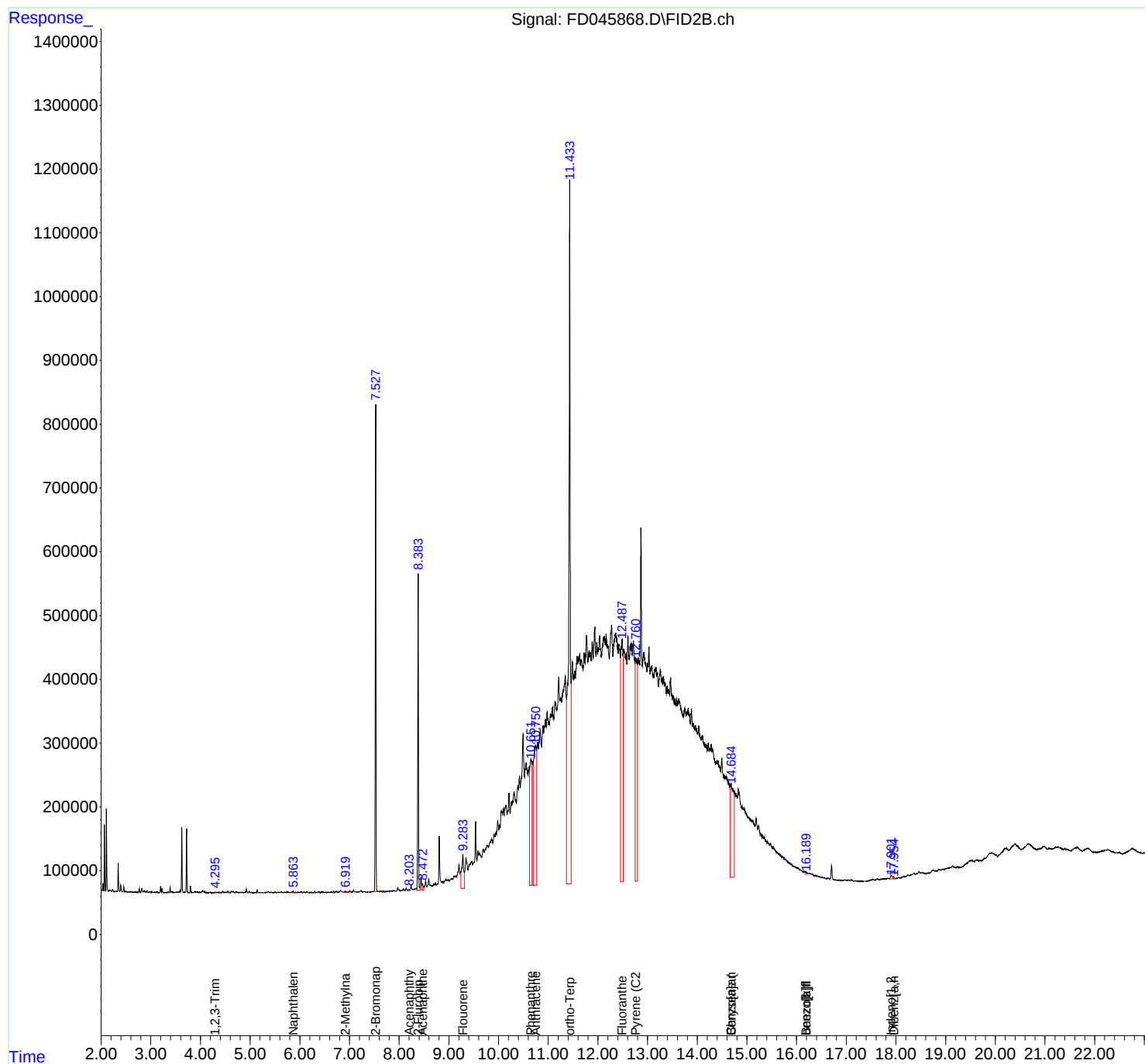
(m)=manual int.

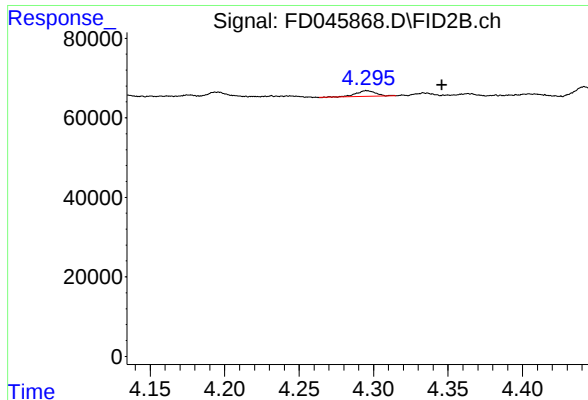
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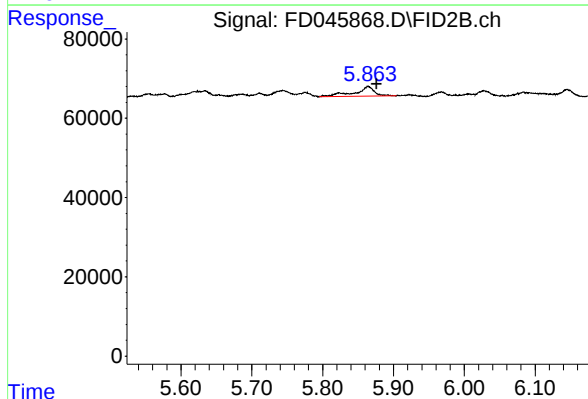




#1 1,2,3-Trimethylbenzene (C10.1)

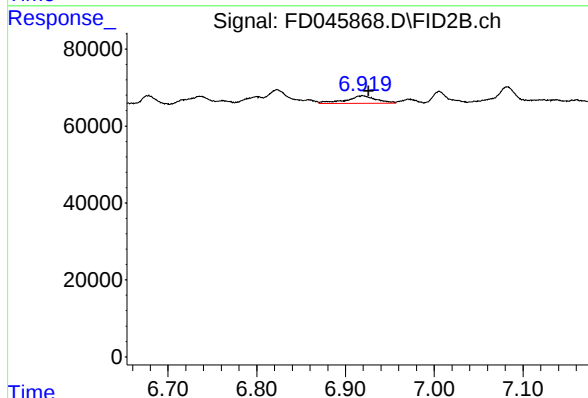
R.T.: 4.296 min
Delta R.T.: -0.050 min
Response: 13098
Conc: 0.06 ug/ml

Instrument :
FID_D
ClientSampleId :



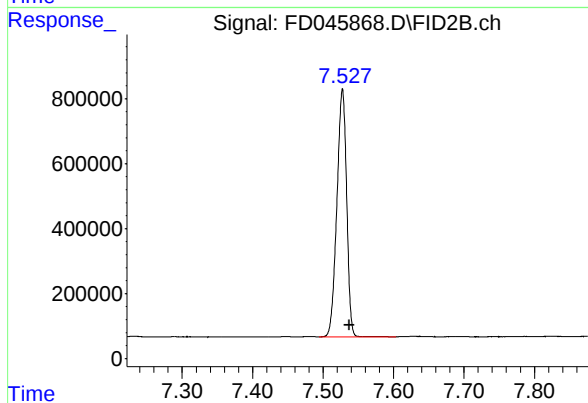
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: -0.012 min
Response: 48289
Conc: 0.23 ug/ml



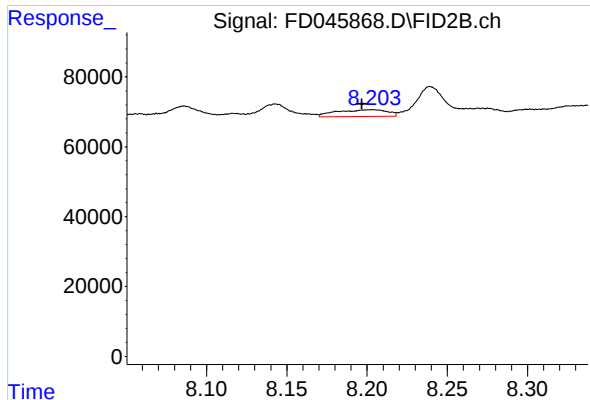
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.919 min
Delta R.T.: -0.007 min
Response: 46910
Conc: 0.22 ug/ml



#4 2-Bromonaphthalene (SURR)

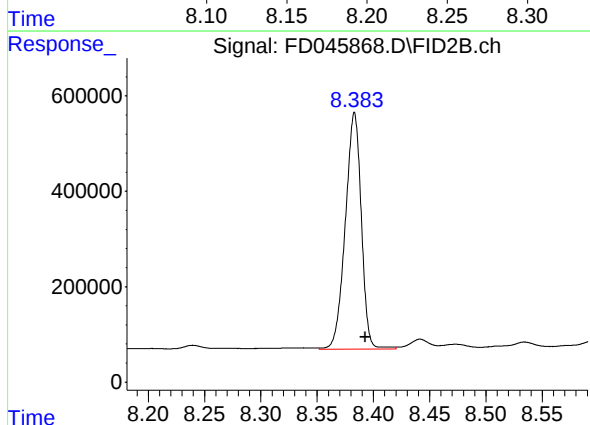
R.T.: 7.527 min
Delta R.T.: -0.010 min
Response: 7334389
Conc: 40.68 ug/ml



#5 Acenaphthylene (C15.06)

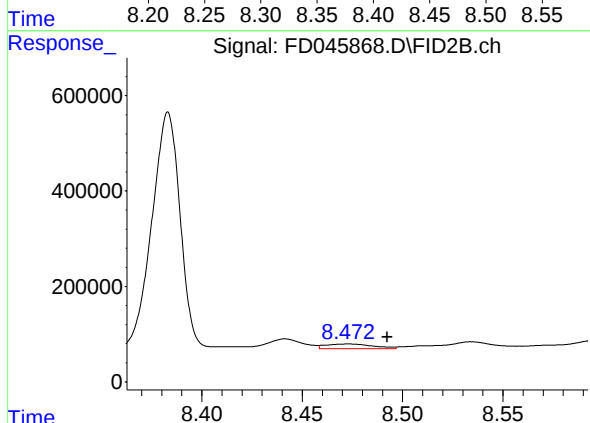
R.T.: 8.203 min
Delta R.T.: 0.006 min
Response: 42147
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



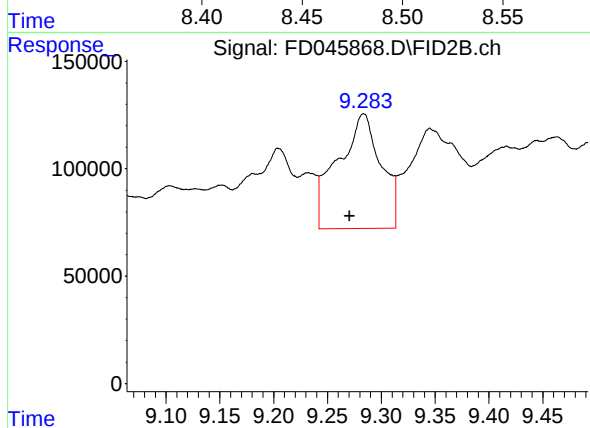
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.383 min
Delta R.T.: -0.010 min
Response: 4905463
Conc: 40.80 ug/ml



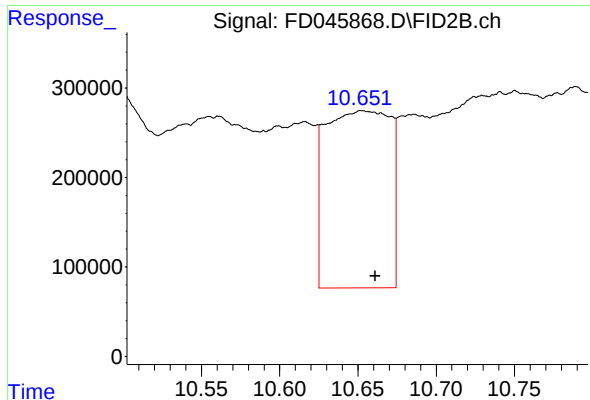
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: -0.020 min
Response: 162084
Conc: 0.80 ug/ml



#8 Flouorene (C16.55)

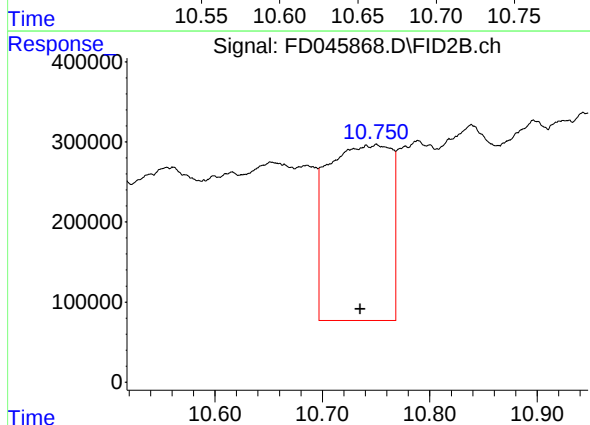
R.T.: 9.283 min
Delta R.T.: 0.013 min
Response: 1489377
Conc: 7.52 ug/ml



#9 Phenanthrene (C19.36)

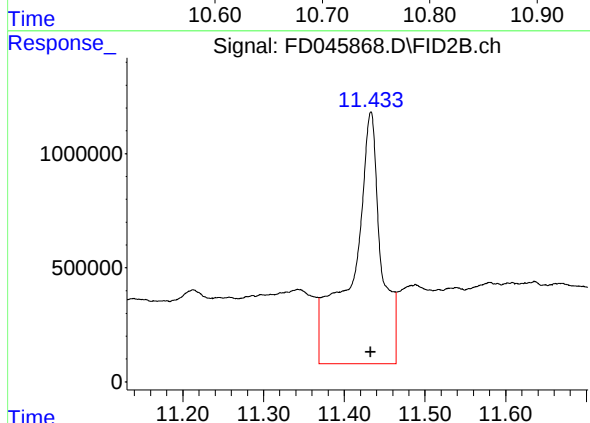
R.T.: 10.654 min
Delta R.T.: -0.007 min
Response: 5664261
Conc: 29.61 ug/ml

Instrument :
FID_D
ClientSampleId :



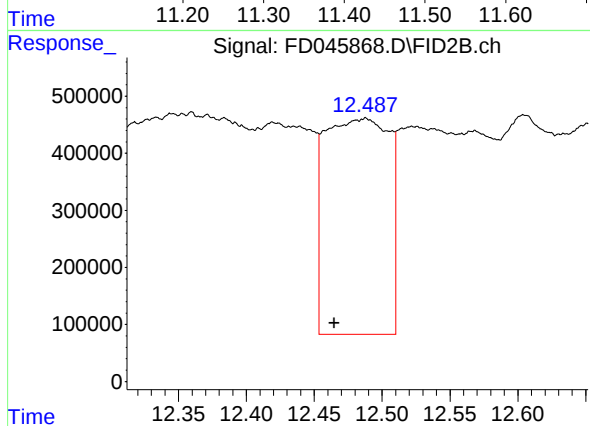
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.015 min
Response: 9013658
Conc: 52.91 ug/ml



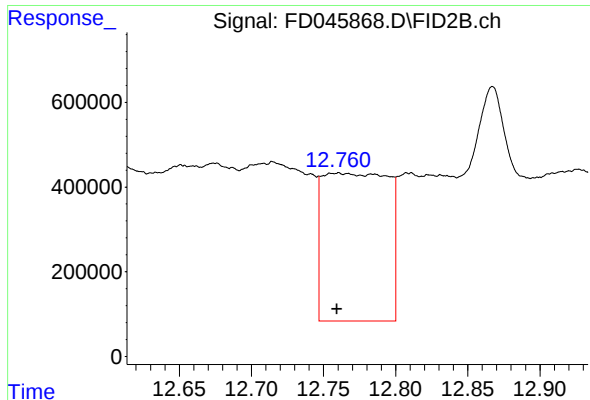
#11 ortho-Terphenyl (SURR)

R.T.: 11.433 min
Delta R.T.: 0.000 min
Response: 27086274
Conc: 121.26 ug/ml



#12 Fluoranthene (C21.85)

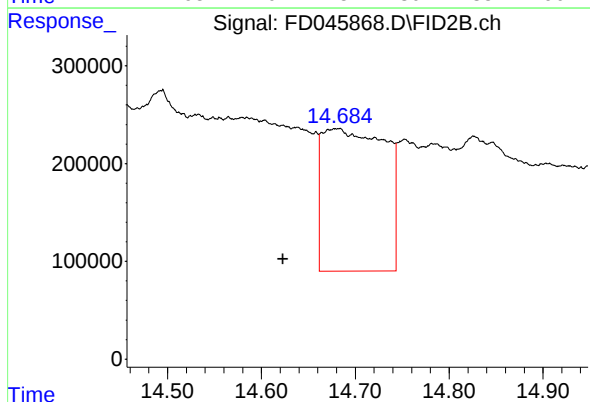
R.T.: 12.488 min
Delta R.T.: 0.023 min
Response: 12428480
Conc: 67.27 ug/ml



#13 Pyrene (C20.8)

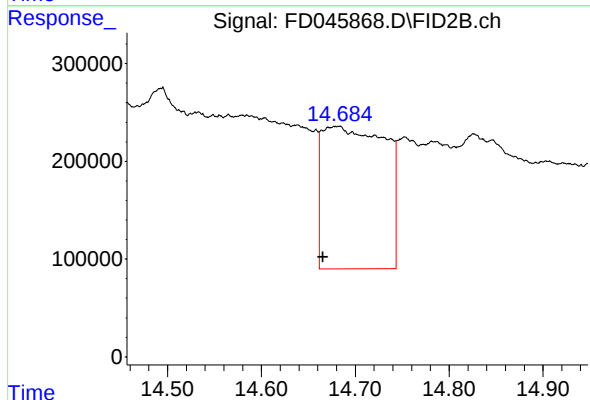
R.T.: 12.759 min
Delta R.T.: 0.000 min
Response: 11041512
Conc: 61.82 ug/ml

Instrument :
FID_D
ClientSampleId :



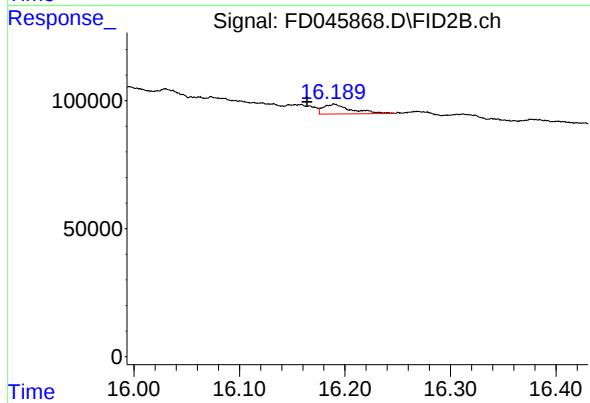
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.681 min
Delta R.T.: 0.058 min
Response: 6811099
Conc: 43.50 ug/ml



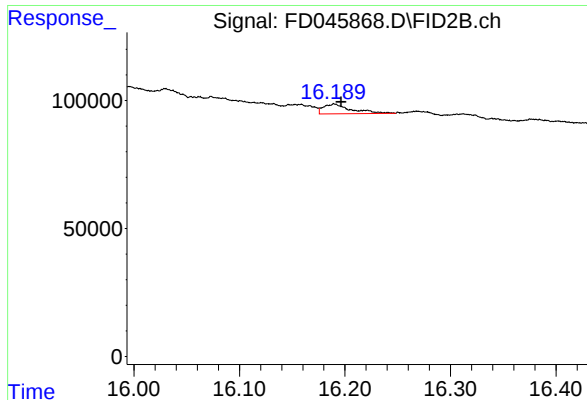
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: 0.015 min
Response: 6811099
Conc: 41.28 ug/ml



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

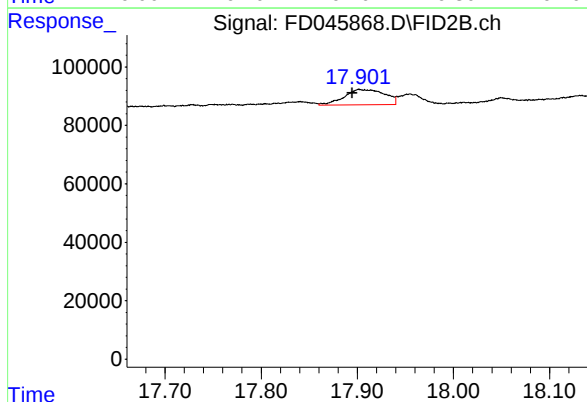
R.T.: 16.190 min
Delta R.T.: 0.025 min
Response: 68187
Conc: 0.45 ug/ml



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

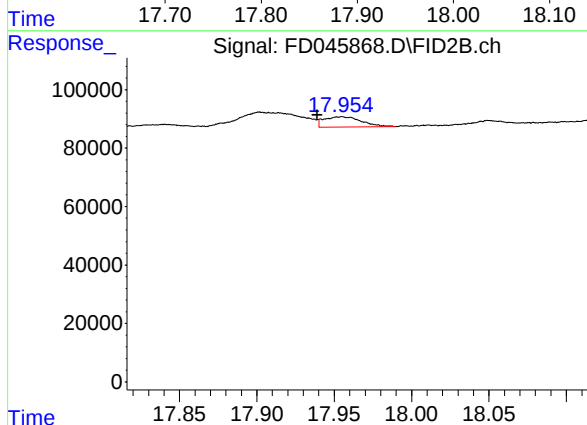
R.T.: 16.190 min
Delta R.T.: -0.007 min
Response: 68187
Conc: 0.44 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.903 min
Delta R.T.: 0.008 min
Response: 153913
Conc: 1.05 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.016 min
Response: 58948
Conc: 0.39 ug/ml