

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052223AR\
 Data File : FD045716.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2023 11:22
 Operator : YP/AJ
 Sample : 02837-01DL2 50X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 00:25:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.541	685871	4.021 ug/ml
Spiked Amount 50.000		Recovery =	8.04%
6) S 2-Fluorobiphenyl (SURR)	8.393	627890	5.461 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.92%
11) S ortho-Terphenyl (SURR)	11.433	1052631	4.986 ug/ml
Spiked Amount 50.000		Recovery =	9.97%
Target Compounds			
2) T Naphthalene (C11.7)	5.844	119492	0.607 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	349302	1.768 ug/ml
5) T Acenaphthylene (C15.06)	8.200	405877	2.259 ug/ml
7) T Acenaphthene (C15.5)	8.485	696215	3.659 ug/ml
8) T Fluorene (C16.55)	9.298	482325	2.557 ug/ml
9) T Phenanthrene (C19.36)	10.663	458610	2.467 ug/ml
10) T Anthracene (C19.43)	10.756	868135	4.856 ug/ml
12) T Fluoranthene (C21.85)	12.469	216723	1.201 ug/ml
13) T Pyrene (C20.8)	12.762	148794	0.849 ug/ml
14) T Benzo[a]anthracene (C...	14.672	103265	0.649 ug/ml
15) T Chrysene (C27.41)	14.672	103265	0.636 ug/ml
16) T benzo[b]fluoranthene ...	16.204	140322	0.953 ug/ml
17) T Bnezo[k]fluoranthene ...	16.204	140322	0.970 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	124143	0.967 ug/ml

(f)=RT Delta > 1/2 Window

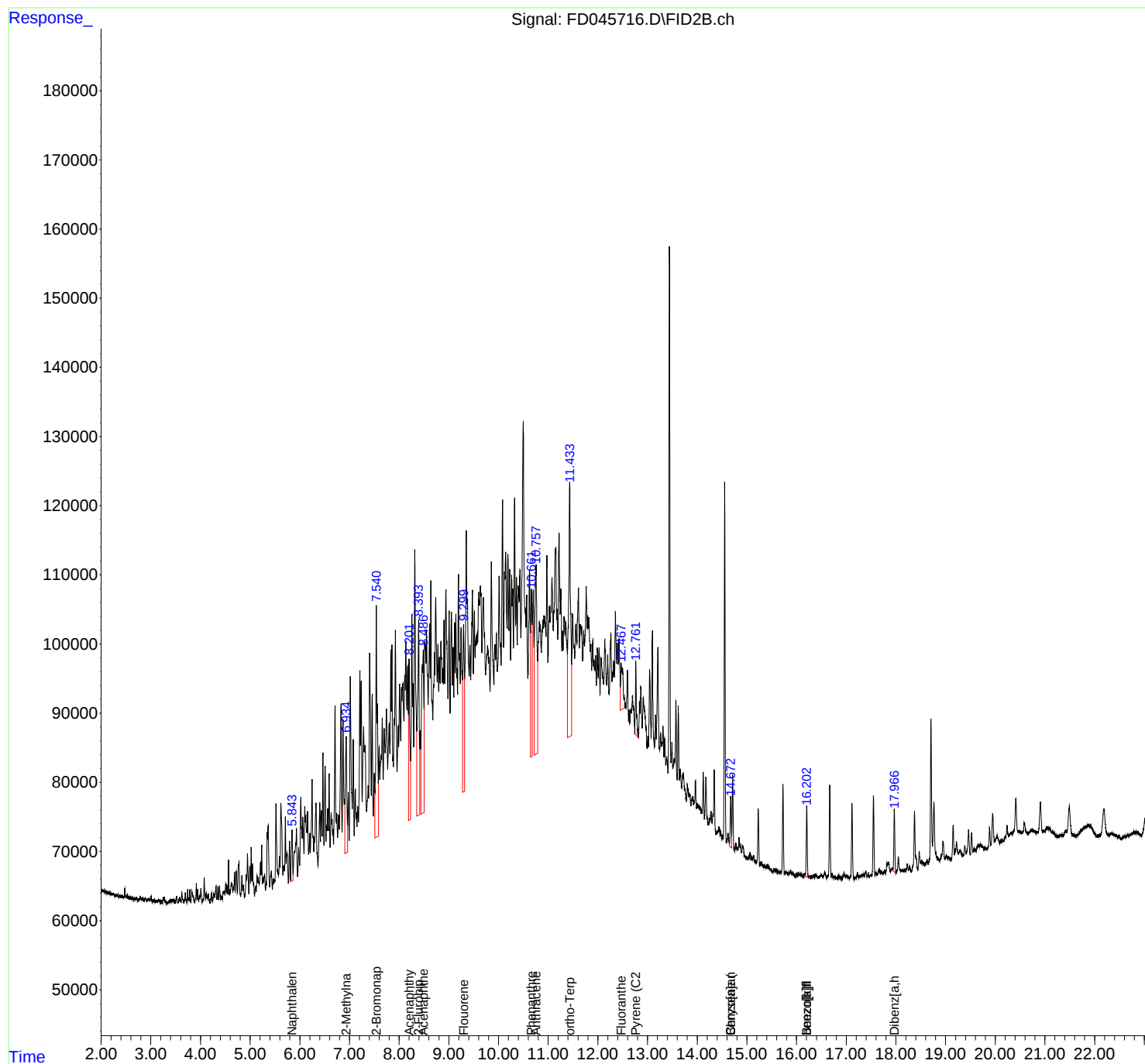
(m)=manual int.

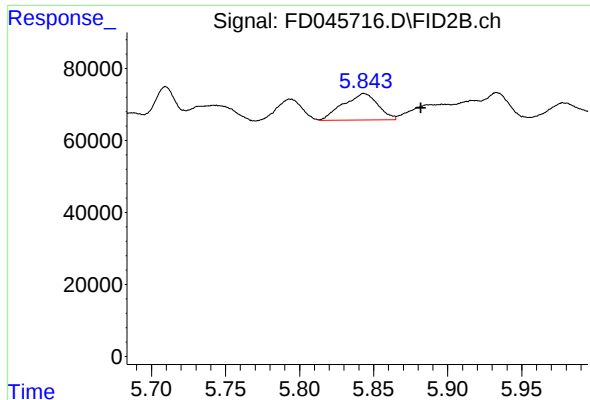
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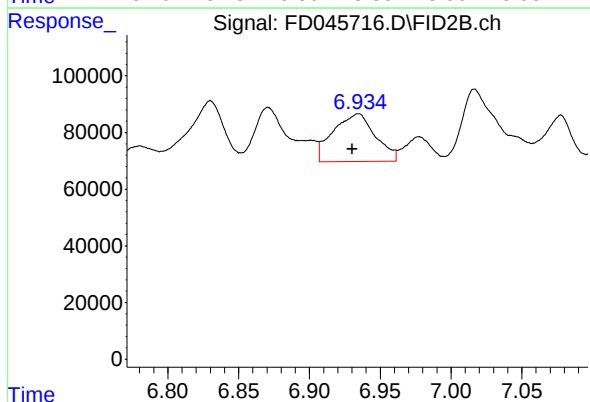




#2 Naphthalene (C11.7)

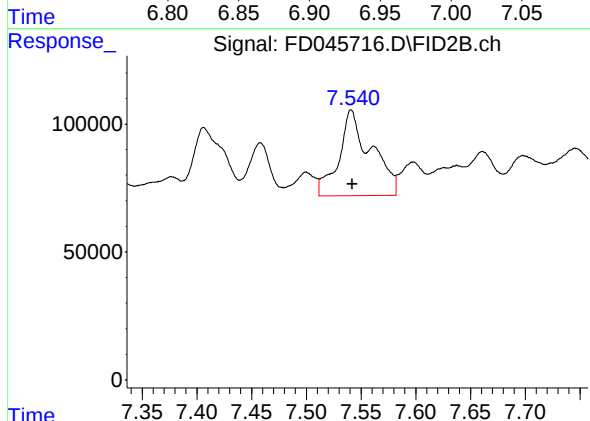
R.T.: 5.844 min
Delta R.T.: -0.038 min
Response: 119492
Conc: 0.61 ug/ml

Instrument :
FID_D
ClientSampleId :



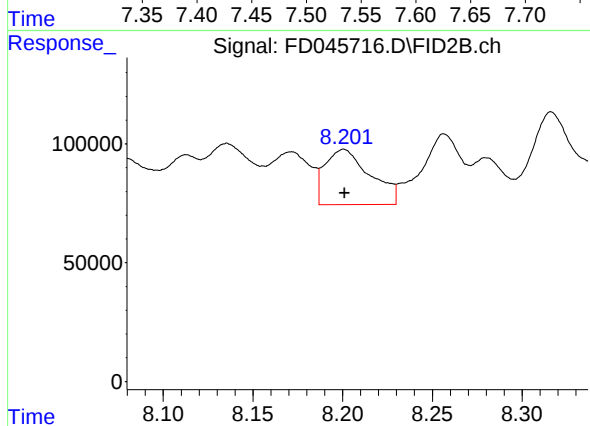
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: 0.004 min
Response: 349302
Conc: 1.77 ug/ml



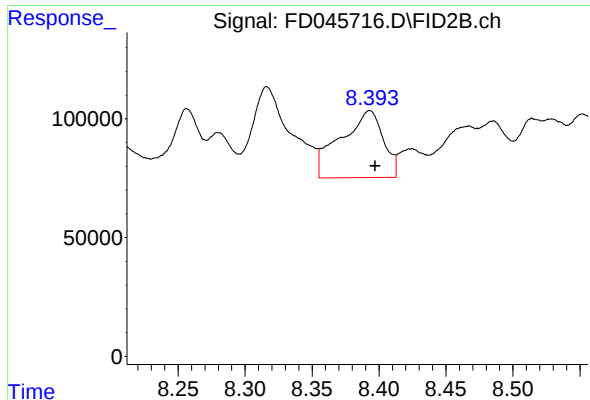
#4 2-Bromonaphthalene (SURR)

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 685871
Conc: 4.02 ug/ml



#5 Acenaphthylene (C15.06)

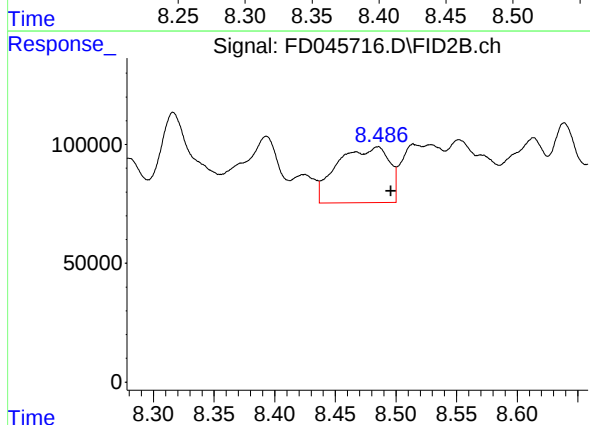
R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 405877
Conc: 2.26 ug/ml



#6 2-Fluorobiphenyl (SURR)

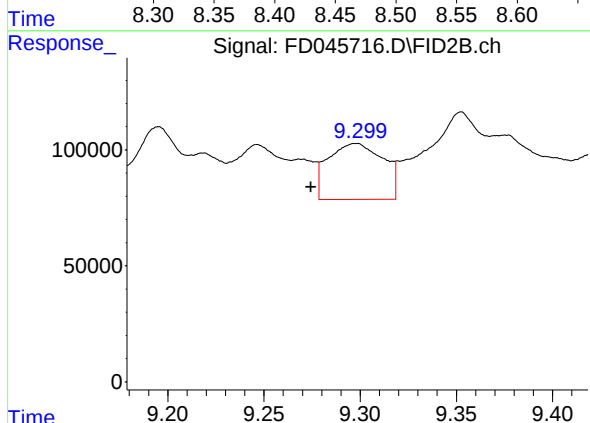
R.T.: 8.393 min
Delta R.T.: -0.004 min
Response: 627890
Conc: 5.46 ug/ml

Instrument :
FID_D
ClientSampleId :



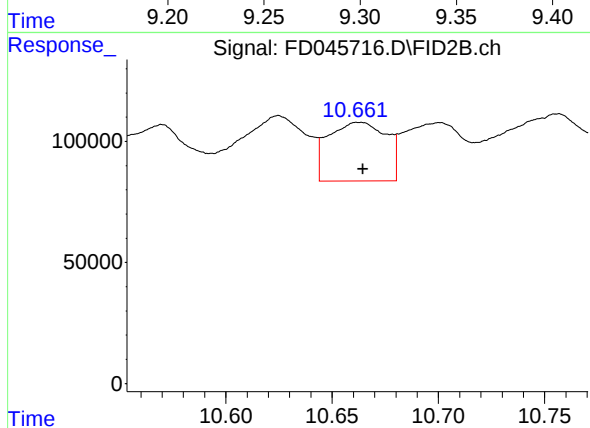
#7 Acenaphthene (C15.5)

R.T.: 8.485 min
Delta R.T.: -0.011 min
Response: 696215
Conc: 3.66 ug/ml



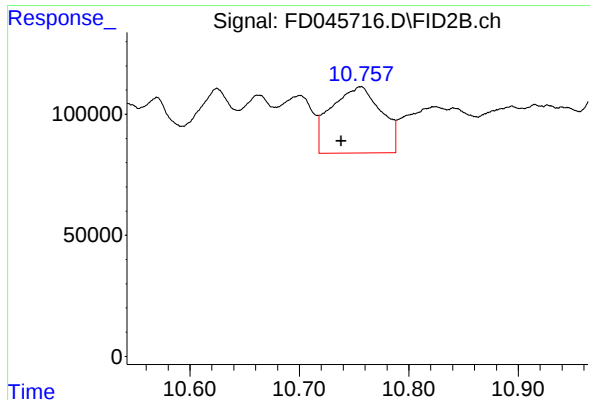
#8 Flouorene (C16.55)

R.T.: 9.298 min
Delta R.T.: 0.023 min
Response: 482325
Conc: 2.56 ug/ml



#9 Phenanthrene (C19.36)

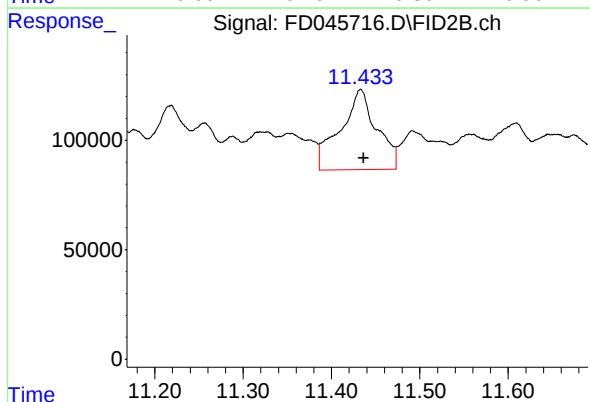
R.T.: 10.663 min
Delta R.T.: -0.002 min
Response: 458610
Conc: 2.47 ug/ml



#10 Anthracene (C19.43)

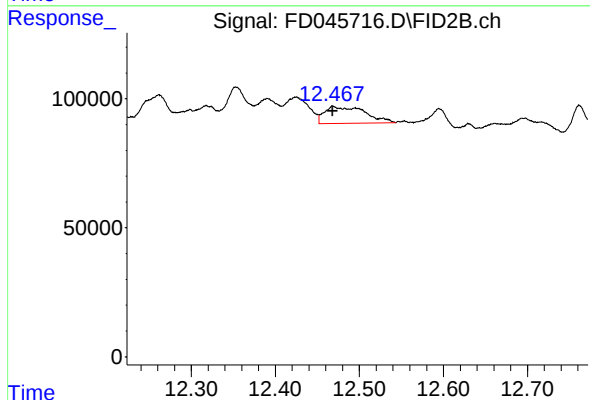
R.T.: 10.756 min
Delta R.T.: 0.018 min
Response: 868135
Conc: 4.86 ug/ml

Instrument :
FID_D
ClientSampleId :



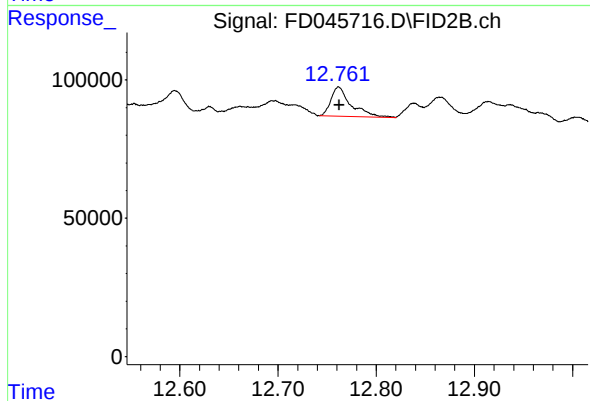
#11 ortho-Terphenyl (SURR)

R.T.: 11.433 min
Delta R.T.: -0.003 min
Response: 1052631
Conc: 4.99 ug/ml



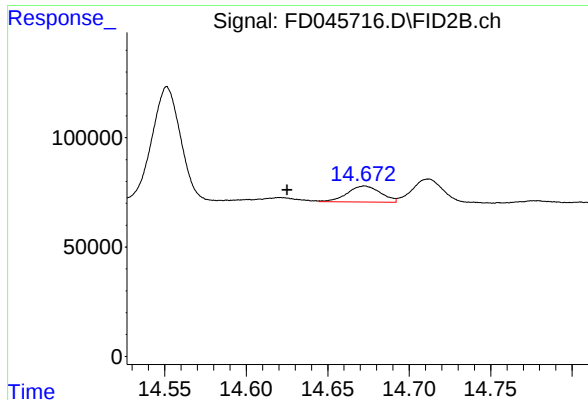
#12 Fluoranthene (C21.85)

R.T.: 12.469 min
Delta R.T.: 0.001 min
Response: 216723
Conc: 1.20 ug/ml



#13 Pyrene (C20.8)

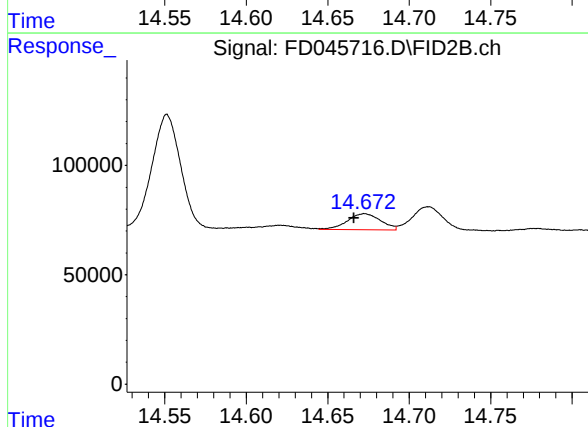
R.T.: 12.762 min
Delta R.T.: 0.000 min
Response: 148794
Conc: 0.85 ug/ml



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

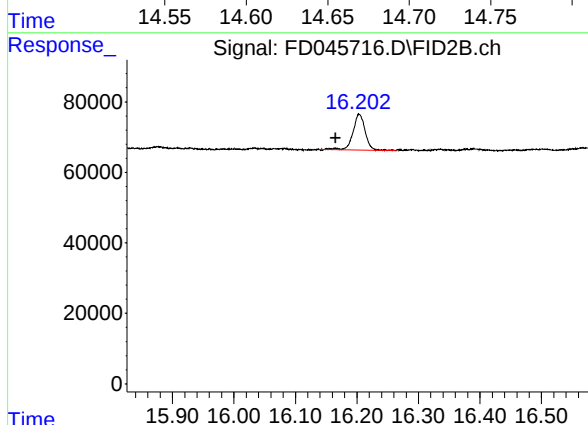
R.T.: 14.672 min
Delta R.T.: 0.047 min
Response: 103265
Conc: 0.65 ug/ml

Instrument :
FID_D
ClientSampleId :



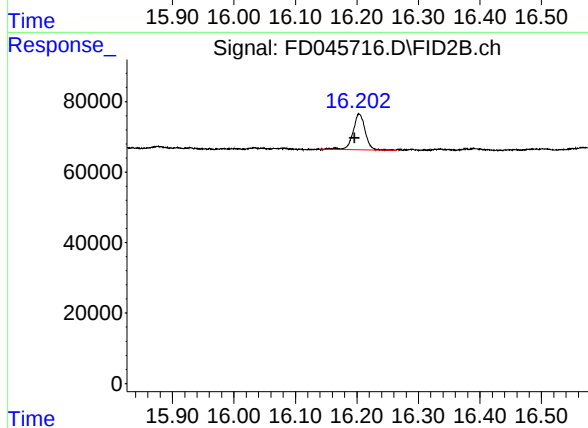
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: 0.006 min
Response: 103265
Conc: 0.64 ug/ml



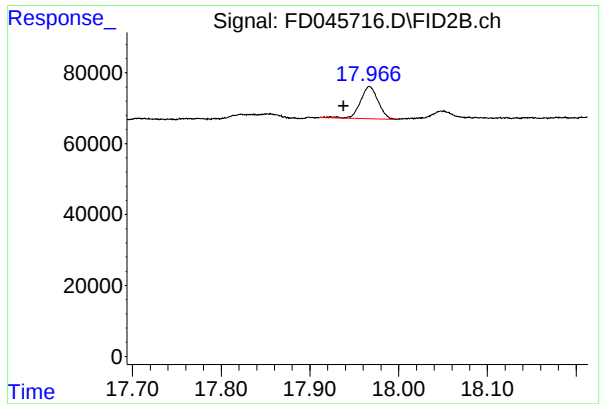
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.204 min
Delta R.T.: 0.038 min
Response: 140322
Conc: 0.95 ug/ml



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

R.T.: 16.204 min
Delta R.T.: 0.008 min
Response: 140322
Conc: 0.97 ug/ml



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

R.T.: 17.967 min
Delta R.T.: 0.029 min
Response: 124143
Conc: 0.97 ug/ml

Instrument :
FID_D
ClientSampleId :