

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045888.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 20:24
 Operator : YP/AJ
 Sample : 03282-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 01:24:26 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...	7.524	7765391	43.072 ug/ml
Spiked Amount 50.000		Recovery =	86.14%
6) S 2-Fluorobiphenyl (SURR)	8.377	3459352	28.773 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.55%
11) S ortho-Terphenyl (SURR)	11.414	2020302	9.045 ug/ml
Spiked Amount 50.000		Recovery =	18.09%
Target Compounds			
2) T Naphthalene (C11.7)	5.862	37359	0.176 ug/ml
3) T 2-Methylnaphthalene (...)	6.915	41756	0.198 ug/ml
7) T Acenaphthene (C15.5)	8.435f	23956	0.118 ug/ml
9) T Phenanthrene (C19.36)	10.641	45667	0.239 ug/ml
12) T Fluoranthene (C21.85)	12.444	90303	0.489 ug/ml
13) T Pyrene (C20.8)	12.738	77562	0.434 ug/ml
14) T Benzo[a]anthracene (C...	14.642	115871	0.740 ug/ml
15) T Chrysene (C27.41)	14.642	115871	0.702 ug/ml
16) T benzo[b]fluoranthene ...	16.172	62108	0.410 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	62108	0.401 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.515	62402	0.427 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	65955	0.450 ug/ml
20) T Dibenz[a,h]anthracene...	17.950	75610	0.504 ug/ml
21) T Benzo[g,h,i]perylene ...	18.119	60067	0.407 ug/ml

(f)=RT Delta > 1/2 Window

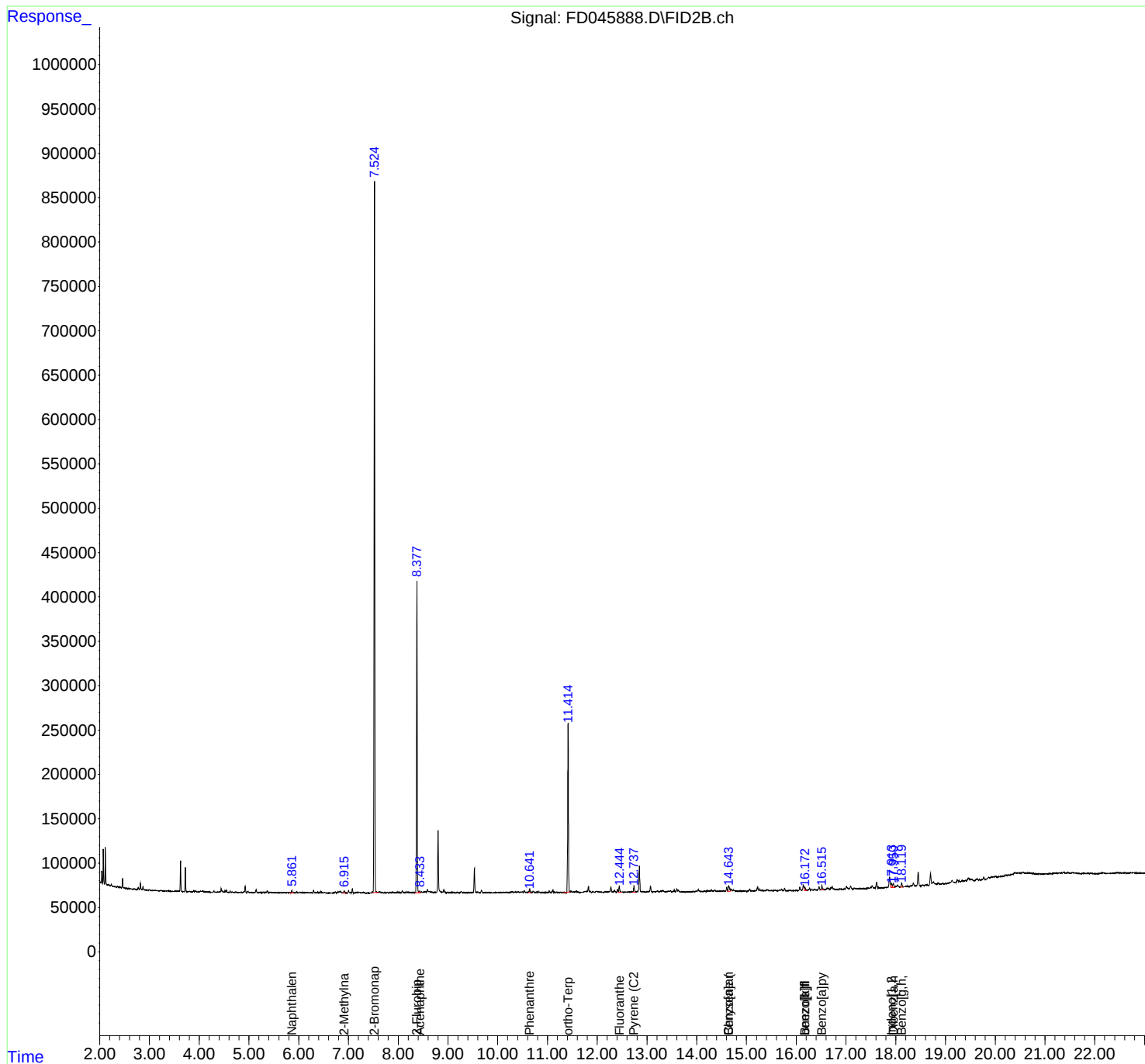
(m)=manual int.

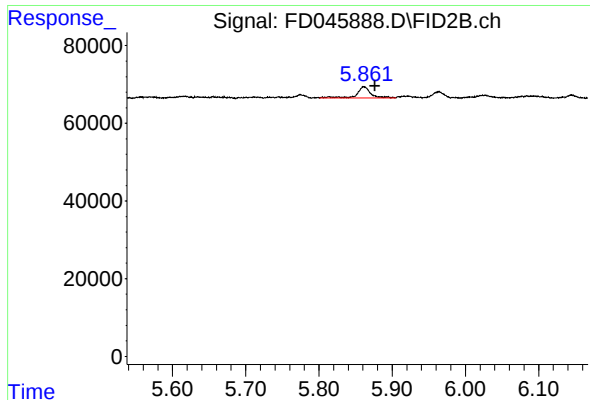
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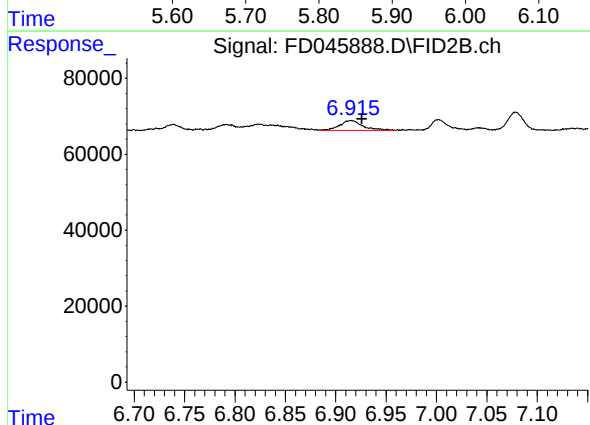




#2 Naphthalene (C11.7)

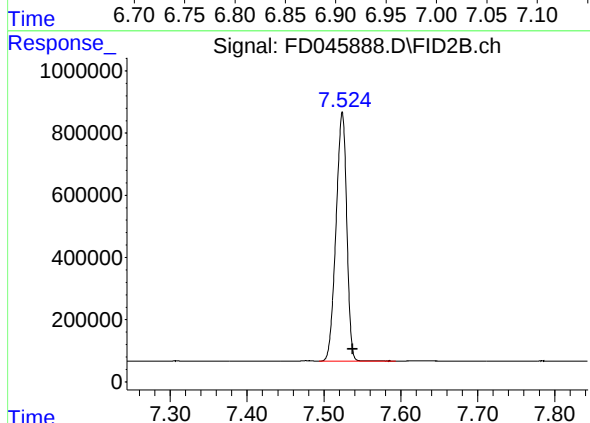
R.T.: 5.862 min
Delta R.T.: -0.015 min
Response: 37359
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



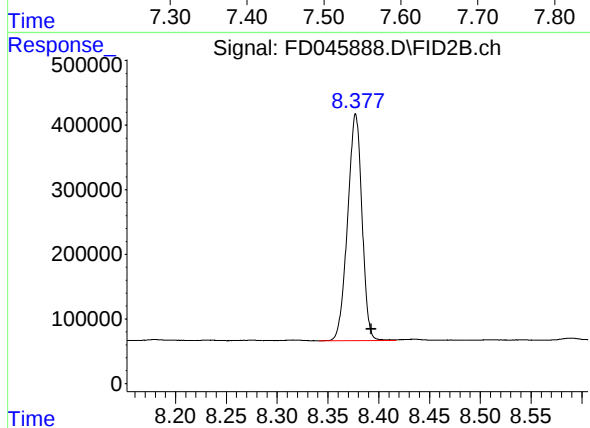
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.915 min
Delta R.T.: -0.011 min
Response: 41756
Conc: 0.20 ug/ml



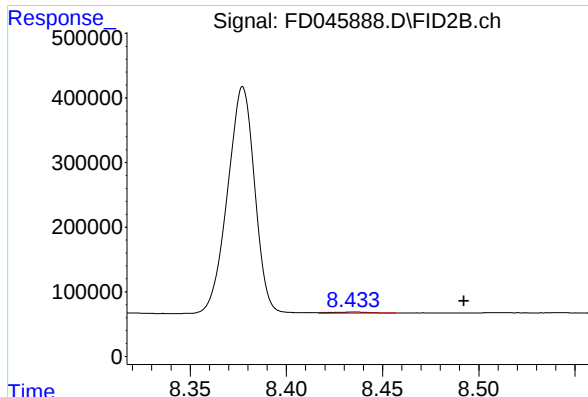
#4 2-Bromonaphthalene (SURR)

R.T.: 7.524 min
Delta R.T.: -0.014 min
Response: 7765391
Conc: 43.07 ug/ml



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.377 min
Delta R.T.: -0.016 min
Response: 3459352
Conc: 28.77 ug/ml



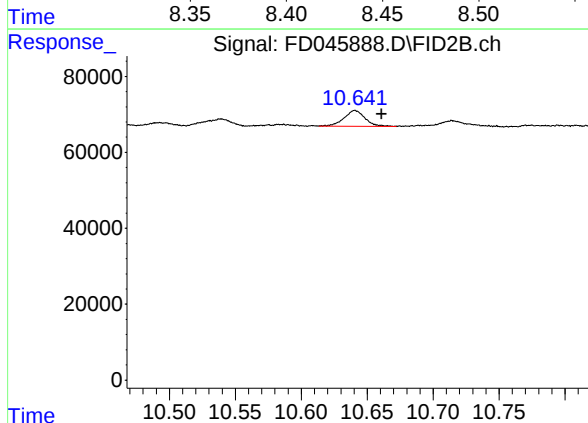
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.058 min
Response: 23956
Conc: 0.12 ug/ml

Instrument :

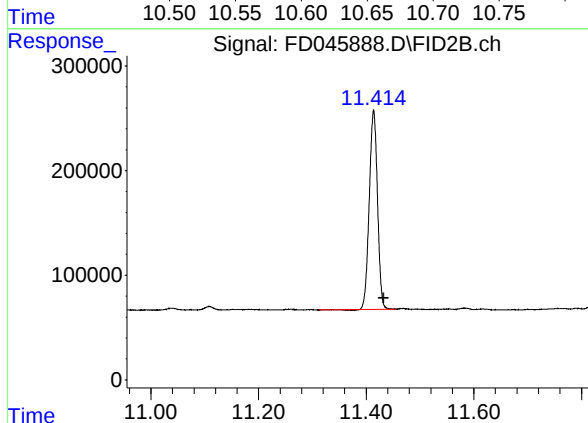
FID_D

ClientSampleId :



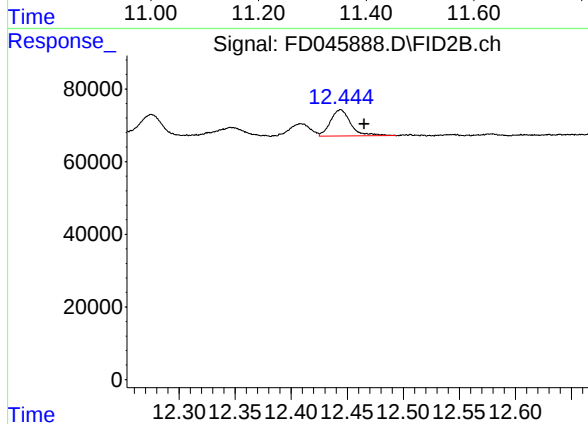
#9 Phenanthrene (C19.36)

R.T.: 10.641 min
Delta R.T.: -0.020 min
Response: 45667
Conc: 0.24 ug/ml



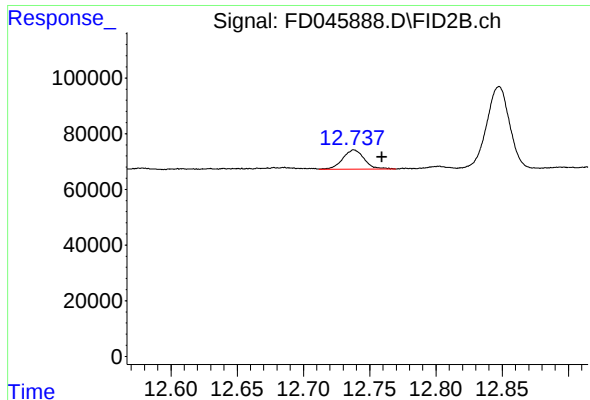
#11 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: -0.019 min
Response: 2020302
Conc: 9.04 ug/ml



#12 Fluoranthene (C21.85)

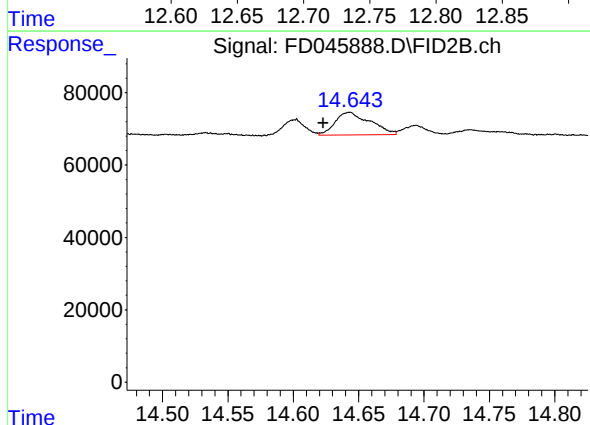
R.T.: 12.444 min
Delta R.T.: -0.021 min
Response: 90303
Conc: 0.49 ug/ml



#13 Pyrene (C20.8)

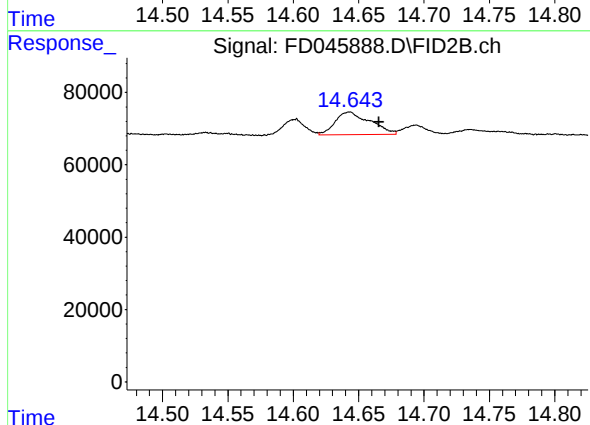
R.T.: 12.738 min
Delta R.T.: -0.021 min
Response: 77562
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



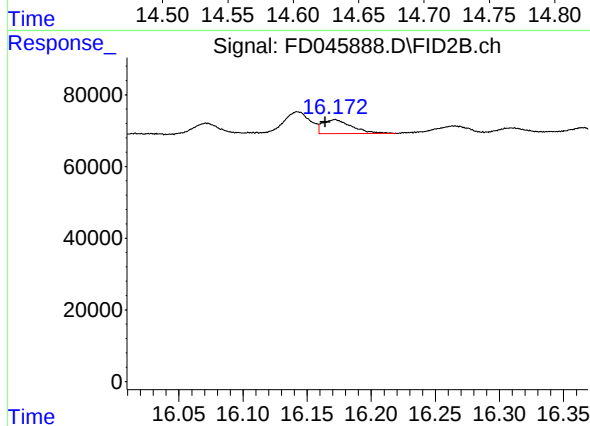
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.019 min
Response: 115871
Conc: 0.74 ug/ml



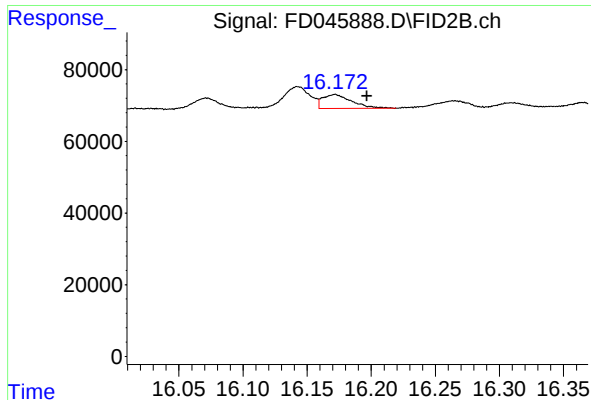
#15 Chrysene (C27.41)

R.T.: 14.642 min
Delta R.T.: -0.023 min
Response: 115871
Conc: 0.70 ug/ml



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

R.T.: 16.172 min
Delta R.T.: 0.007 min
Response: 62108
Conc: 0.41 ug/ml



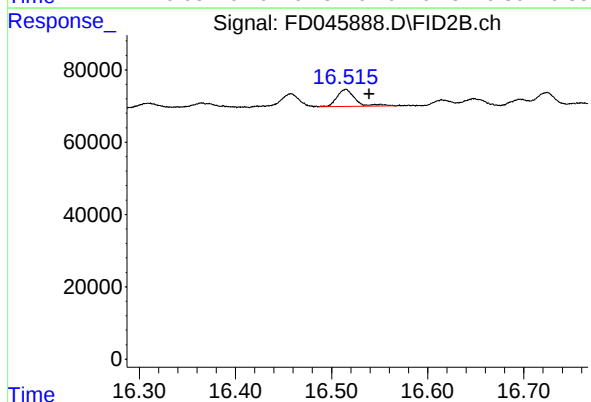
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.172 min
Delta R.T.: -0.025 min
Response: 62108
Conc: 0.40 ug/ml

Instrument :

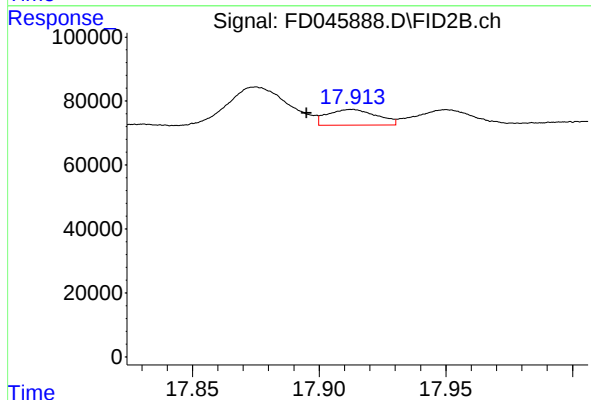
FID_D

ClientSampleId :



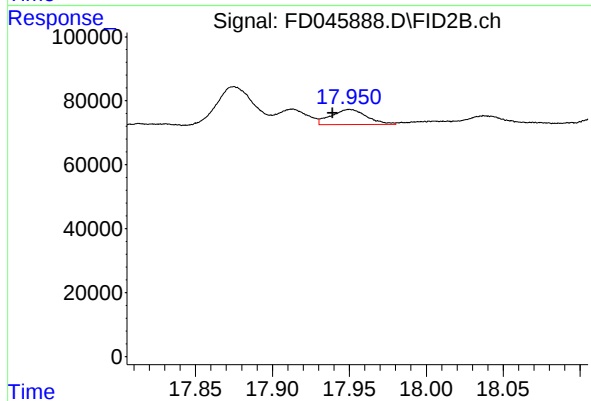
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.515 min
Delta R.T.: -0.025 min
Response: 62402
Conc: 0.43 ug/ml



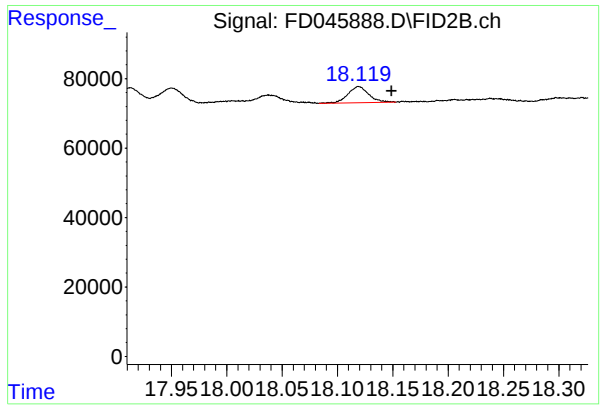
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: 0.018 min
Response: 65955
Conc: 0.45 ug/ml



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

R.T.: 17.950 min
Delta R.T.: 0.011 min
Response: 75610
Conc: 0.50 ug/ml



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

R.T.: 18.119 min
Delta R.T.: -0.030 min
Response: 60067
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :