

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045911.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 18:42
 Operator : YP/AJ
 Sample : 03308-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 21 01:11:11 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	8607716	47.745 ug/ml
Spiked Amount 50.000		Recovery =	95.49%
6) S 2-Fluorobiphenyl (SURR)	8.378	4592822	38.201 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.40%
11) S ortho-Terphenyl (SURR)	11.417	6480037	29.011 ug/ml
Spiked Amount 50.000		Recovery =	58.02%
Target Compounds			
2) T Naphthalene (C11.7)	5.861	28322	0.134 ug/ml
3) T 2-Methylnaphthalene (...)	6.915	34997	0.166 ug/ml
5) T Acenaphthylene (C15.06)	8.139f	32111	0.169 ug/ml
7) T Acenaphthene (C15.5)	8.435f	25383	0.126 ug/ml
9) T Phenanthrene (C19.36)	10.640	82792	0.433 ug/ml
12) T Fluoranthene (C21.85)	12.443	194068	1.050 ug/ml
13) T Pyrene (C20.8)	12.737	162283	0.909 ug/ml
14) T Benzo[a]anthracene (C...	14.641	177451	1.133 ug/ml
15) T Chrysene (C27.41)	14.641	177451	1.076 ug/ml
16) T benzo[b]fluoranthene ...	16.170	69426	0.459 ug/ml
17) T Bnezo[k]fluoranthene ...	16.170	69426	0.448 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.514	145758	0.997 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.874	310766	2.122 ug/ml
20) T Dibenz[a,h]anthracene...	17.951	79697	0.531 ug/ml
21) T Benzo[g,h,i]perylene ...	18.119	80533	0.546 ug/ml

(f)=RT Delta > 1/2 Window

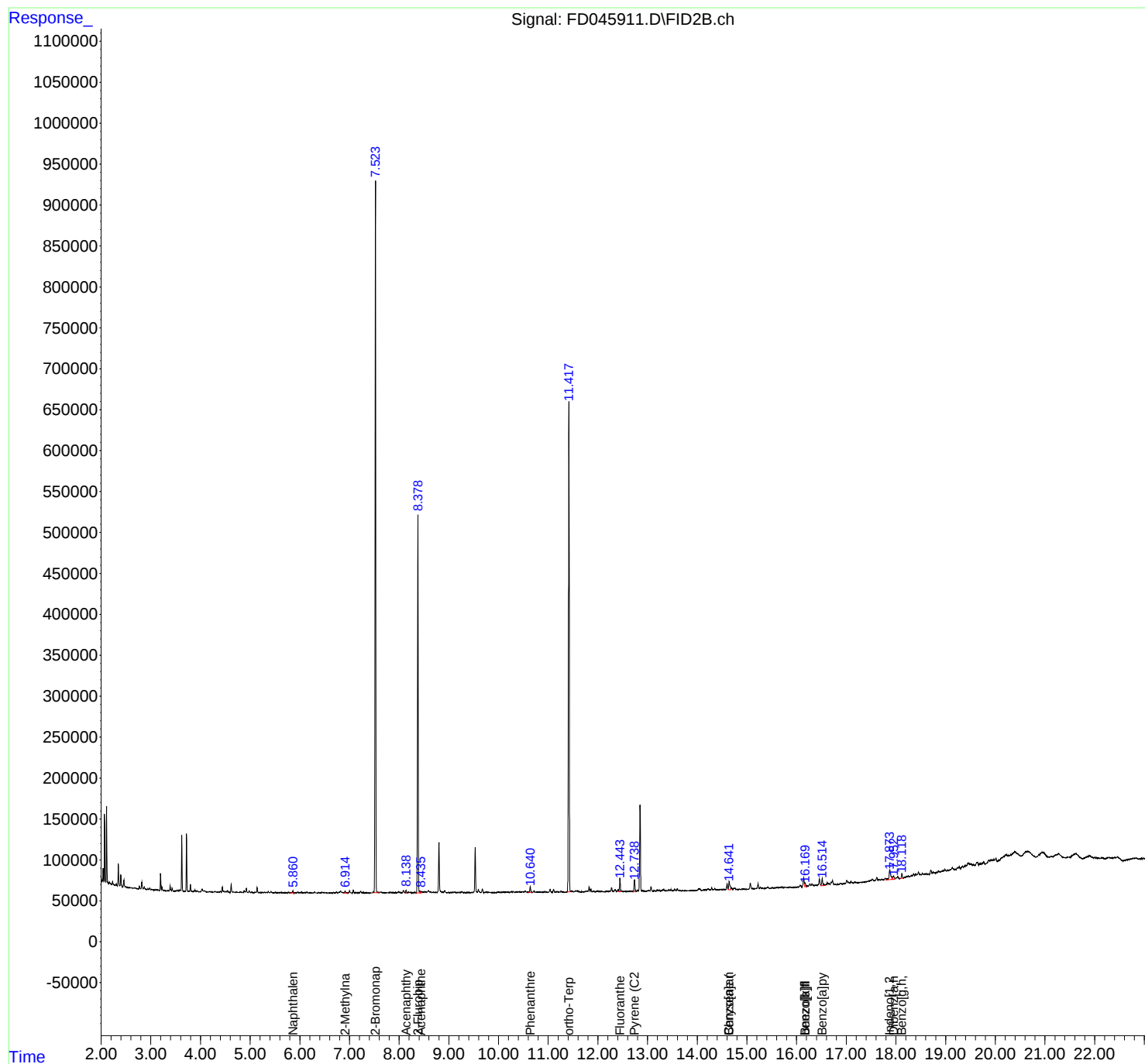
(m)=manual int.

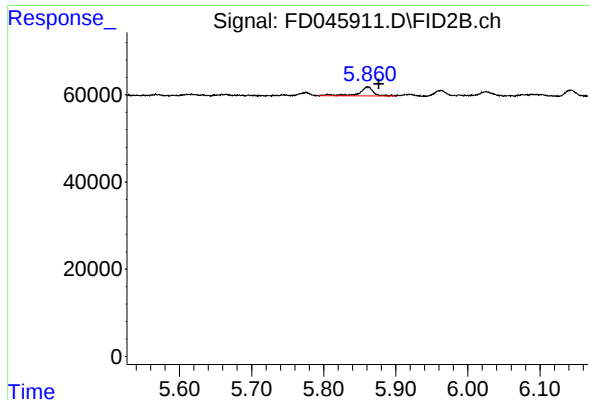
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Signal Info : 20M x 0.18mm x 0.18µm

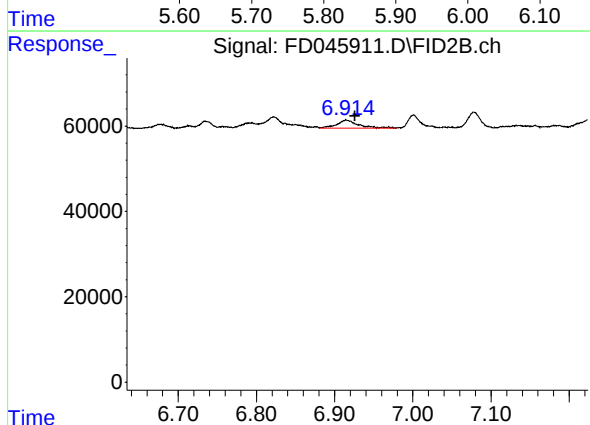




#2 Naphthalene (C11.7)

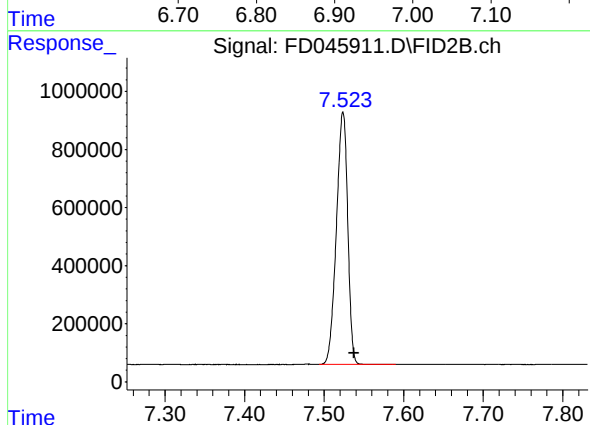
R.T.: 5.861 min
Delta R.T.: -0.015 min
Response: 28322
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



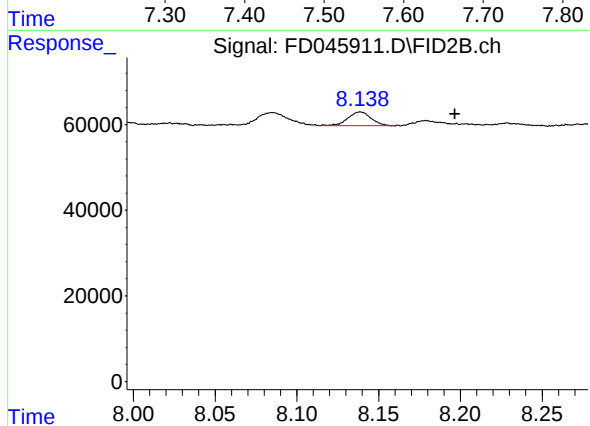
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.915 min
Delta R.T.: -0.011 min
Response: 34997
Conc: 0.17 ug/ml



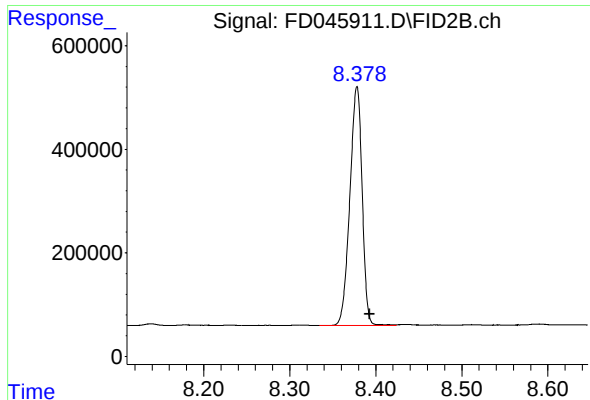
#4 2-Bromonaphthalene (SURR)

R.T.: 7.524 min
Delta R.T.: -0.014 min
Response: 8607716
Conc: 47.74 ug/ml



#5 Acenaphthylene (C15.06)

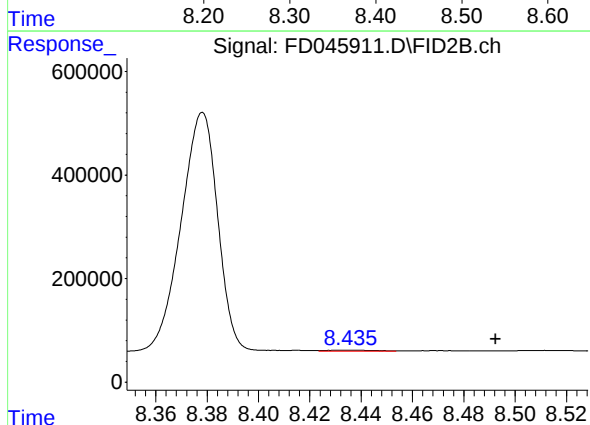
R.T.: 8.139 min
Delta R.T.: -0.058 min
Response: 32111
Conc: 0.17 ug/ml



#6 2-Fluorobiphenyl (SURR)

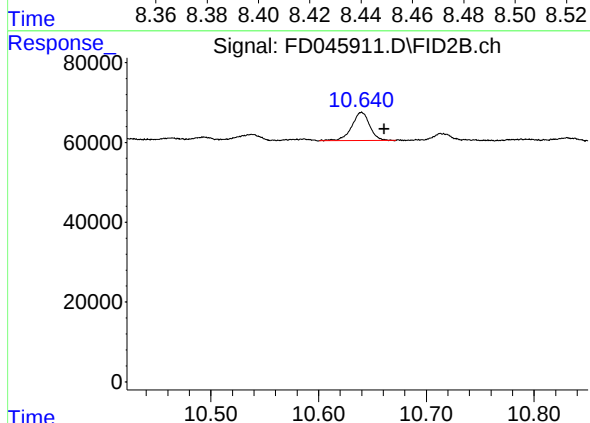
R.T.: 8.378 min
Delta R.T.: -0.015 min
Response: 4592822
Conc: 38.20 ug/ml

Instrument :
FID_D
ClientSampleId :



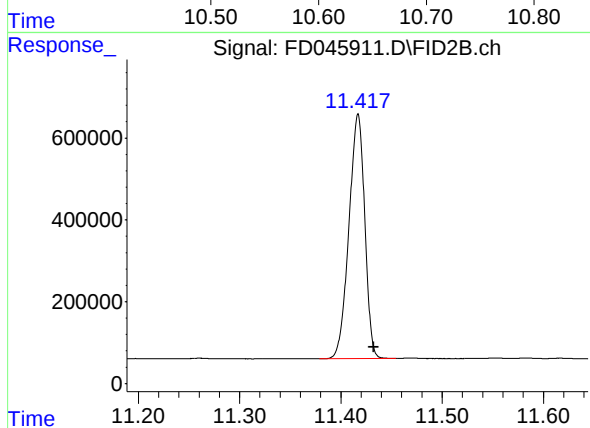
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.057 min
Response: 25383
Conc: 0.13 ug/ml



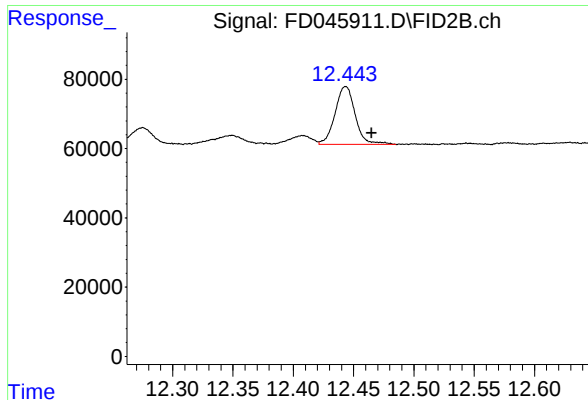
#9 Phenanthrene (C19.36)

R.T.: 10.640 min
Delta R.T.: -0.021 min
Response: 82792
Conc: 0.43 ug/ml



#11 ortho-Terphenyl (SURR)

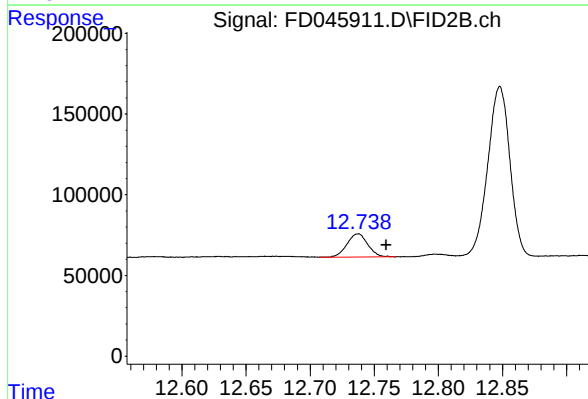
R.T.: 11.417 min
Delta R.T.: -0.016 min
Response: 6480037
Conc: 29.01 ug/ml



#12 Fluoranthene (C21.85)

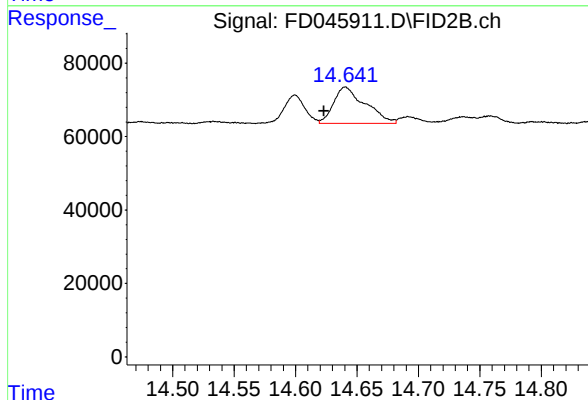
R.T.: 12.443 min
Delta R.T.: -0.022 min
Response: 194068
Conc: 1.05 ug/ml

Instrument :
FID_D
ClientSampleId :



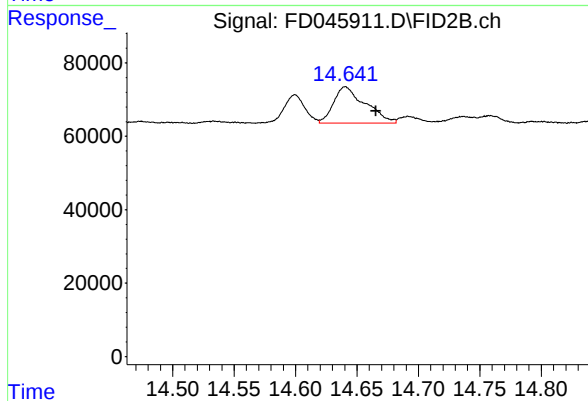
#13 Pyrene (C20.8)

R.T.: 12.737 min
Delta R.T.: -0.022 min
Response: 162283
Conc: 0.91 ug/ml



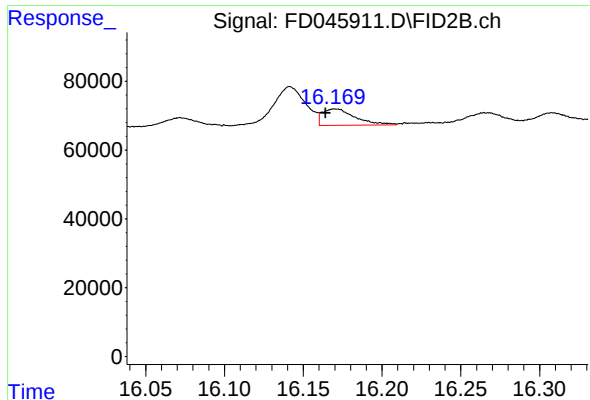
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: 0.018 min
Response: 177451
Conc: 1.13 ug/ml



#15 Chrysene (C27.41)

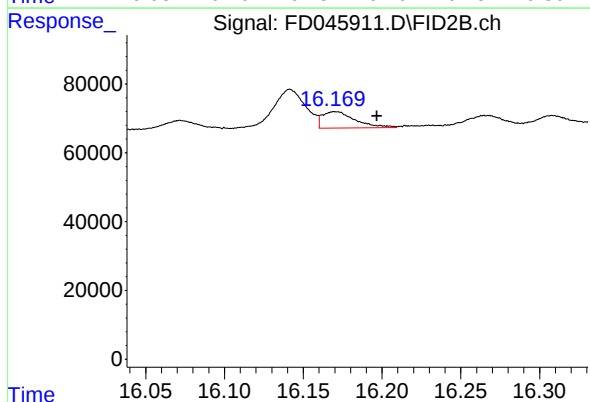
R.T.: 14.641 min
Delta R.T.: -0.025 min
Response: 177451
Conc: 1.08 ug/ml



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

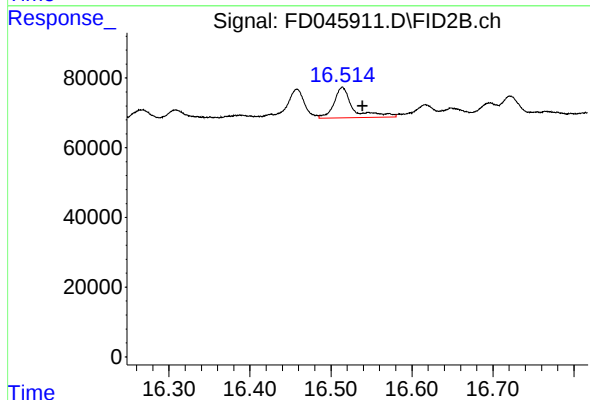
R.T.: 16.170 min
Delta R.T.: 0.006 min
Response: 69426
Conc: 0.46 ug/ml

Instrument :
FID_D
ClientSampleId :



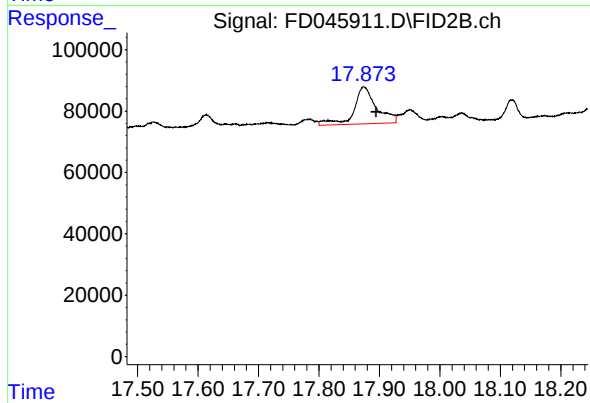
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.170 min
Delta R.T.: -0.026 min
Response: 69426
Conc: 0.45 ug/ml



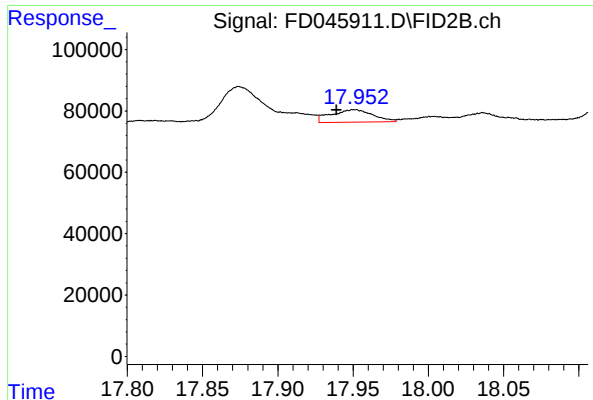
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.514 min
Delta R.T.: -0.025 min
Response: 145758
Conc: 1.00 ug/ml



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

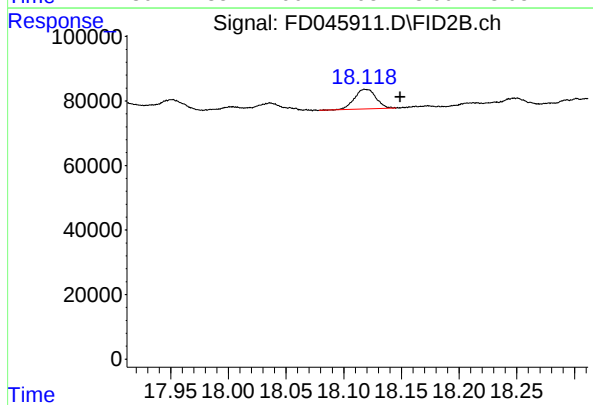
R.T.: 17.874 min
Delta R.T.: -0.021 min
Response: 310766
Conc: 2.12 ug/ml



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

R.T.: 17.951 min
Delta R.T.: 0.012 min
Response: 79697
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.119 min
Delta R.T.: -0.030 min
Response: 80533
Conc: 0.55 ug/ml