

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048041.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2024 14:11
 Operator : YP/AJ
 Sample : P3245-28
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 18 03:41:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 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...	7.410	8506350	57.234 ug/ml
Spiked Amount 50.000		Recovery =	114.47%
6) S 2-Fluorobiphenyl (SURR)	8.261	5461156	57.704 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.41%
11) S ortho-Terphenyl (SURR)	11.301	9411820	56.251 ug/ml
Spiked Amount 50.000		Recovery =	112.50%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.809	34021	0.196 ug/ml
7) T Acenaphthene (C15.5)	8.357	62350	0.359 ug/ml
9) T Phenanthrene (C19.36)	10.550	24947	0.157 ug/ml
10) T Anthracene (C19.43)	10.550	24947	0.158 ug/ml
12) T Fluoranthene (C21.85)	12.346	78996	0.499 ug/ml
13) T Pyrene (C20.8)	12.638	73468	0.465 ug/ml
14) T Benzo[a]anthracene (C...	14.557f	16782	0.123 ug/ml
15) T Chrysene (C27.41)	14.557	16782	0.104 ug/ml
16) T benzo[b]fluoranthene ...	16.070	83786	0.582 ug/ml
17) T Bnezo[k]fluoranthene ...	16.070	83786	0.561 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.453	45487	0.321 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.784	308397	2.734 ug/ml
20) T Dibenz[a,h]anthracene...	17.855	110412	0.760 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	31148	0.211 ug/ml

(f)=RT Delta > 1/2 Window

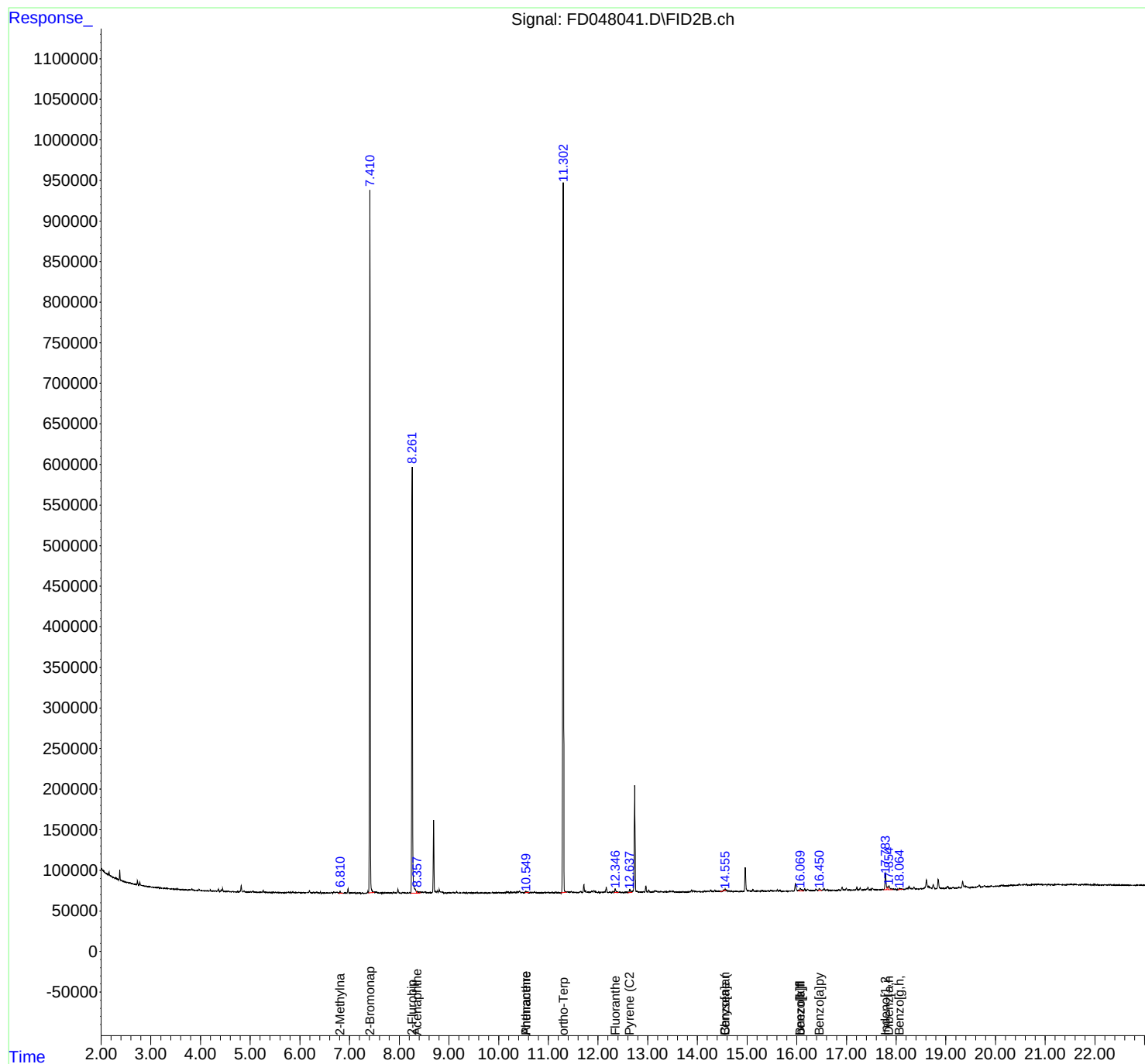
(m)=manual int.

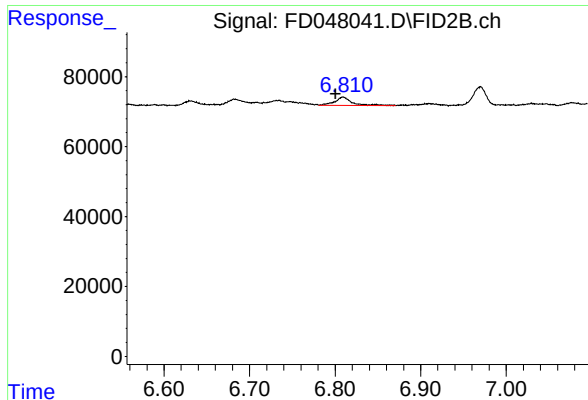
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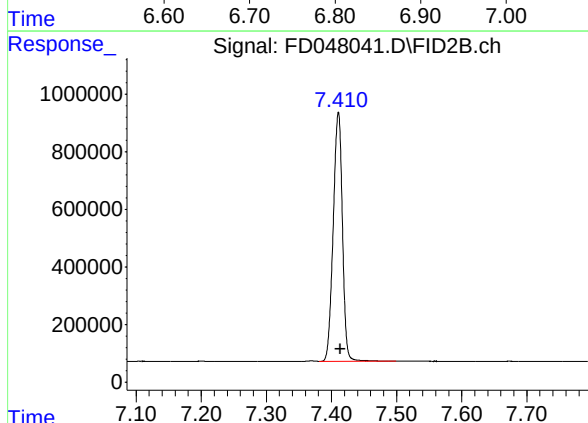




#3 2-Methylnaphthalene (C12.89)

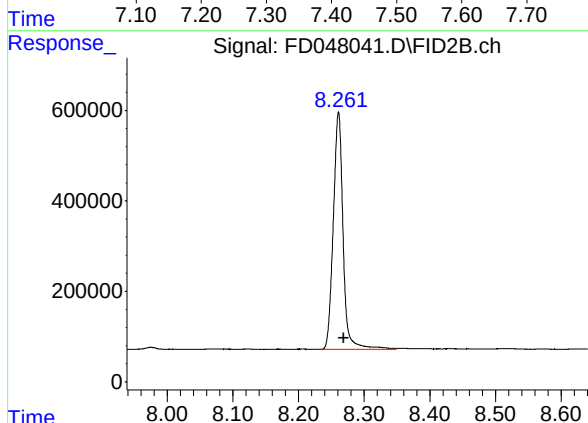
R.T.: 6.809 min
Delta R.T.: 0.009 min
Response: 34021
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



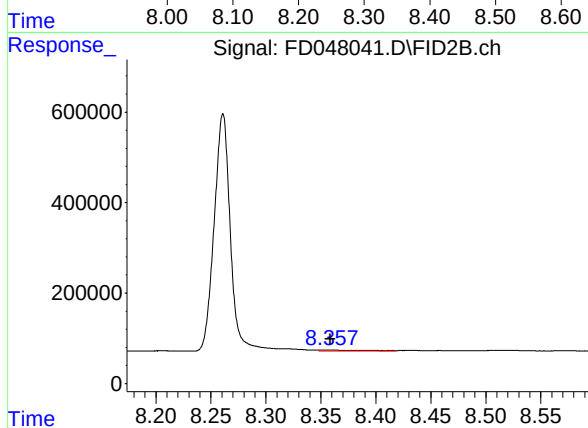
#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 8506350
Conc: 57.23 ug/ml



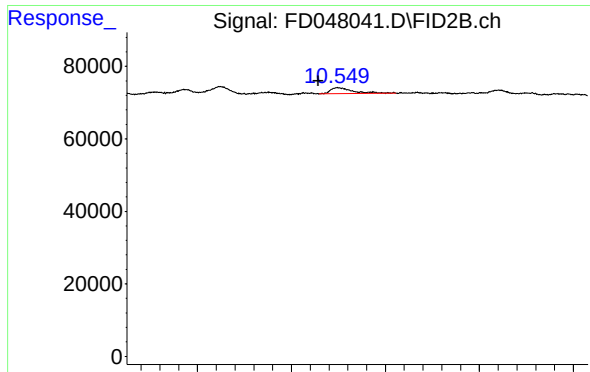
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 5461156
Conc: 57.70 ug/ml



#7 Acenaphthene (C15.5)

R.T.: 8.357 min
Delta R.T.: -0.002 min
Response: 62350
Conc: 0.36 ug/ml



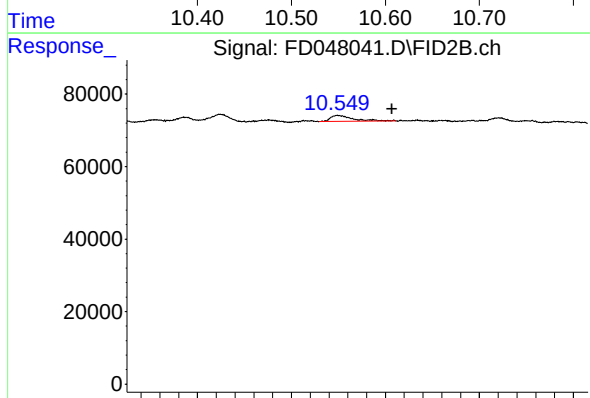
#9 Phenanthrene (C19.36)

R.T.: 10.550 min
Delta R.T.: 0.021 min
Response: 24947
Conc: 0.16 ug/ml

Instrument :

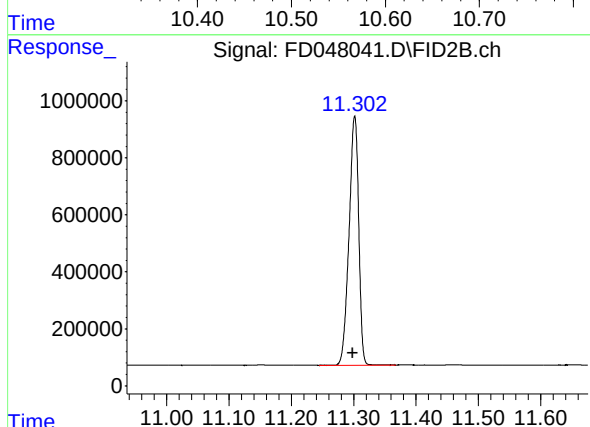
FID_D

ClientSampleId :



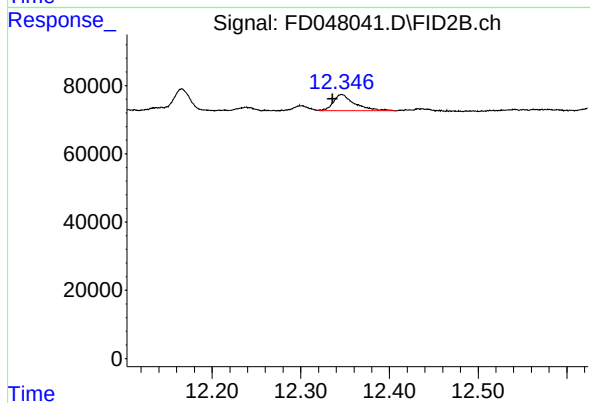
#10 Anthracene (C19.43)

R.T.: 10.550 min
Delta R.T.: -0.057 min
Response: 24947
Conc: 0.16 ug/ml



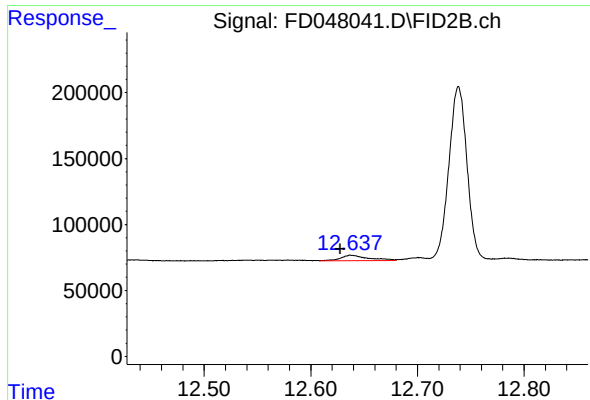
#11 ortho-Terphenyl (SURR)

R.T.: 11.301 min
Delta R.T.: 0.003 min
Response: 9411820
Conc: 56.25 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.346 min
Delta R.T.: 0.010 min
Response: 78996
Conc: 0.50 ug/ml



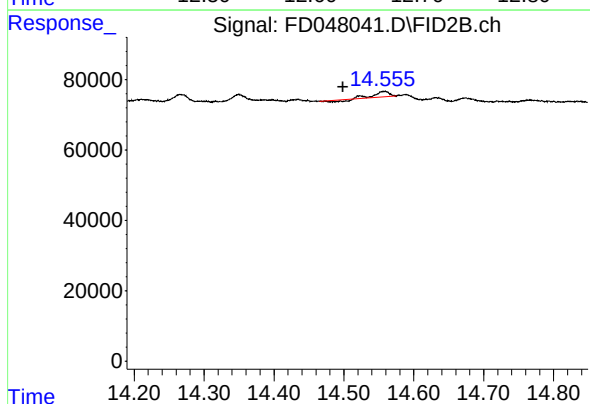
#13 Pyrene (C20.8)

R.T.: 12.638 min
Delta R.T.: 0.011 min
Response: 73468
Conc: 0.46 ug/ml

Instrument :

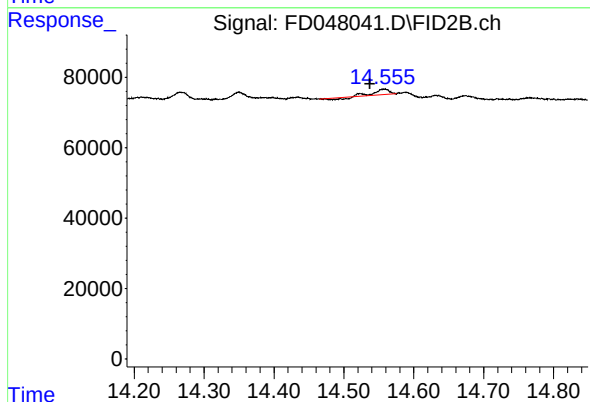
FID_D

ClientSampleId :



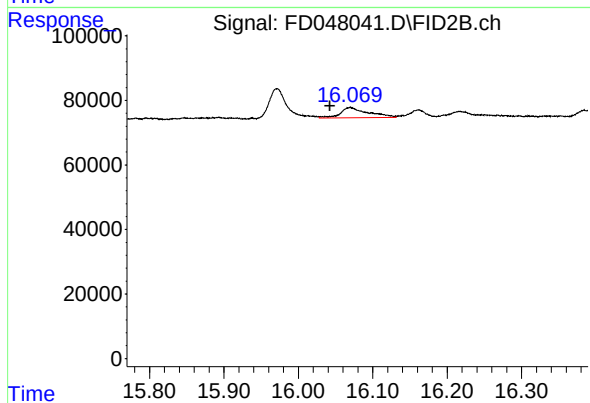
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: 0.059 min
Response: 16782
Conc: 0.12 ug/ml



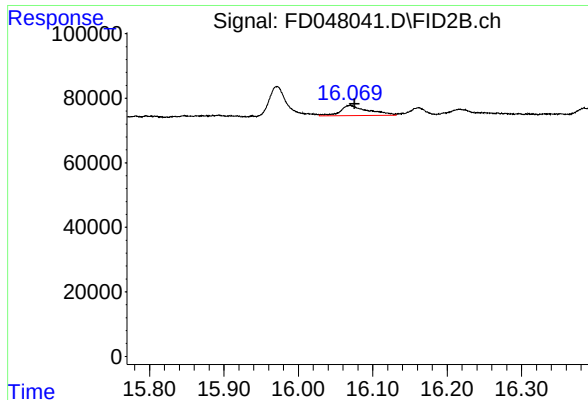
#15 Chrysene (C27.41)

R.T.: 14.557 min
Delta R.T.: 0.020 min
Response: 16782
Conc: 0.10 ug/ml



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

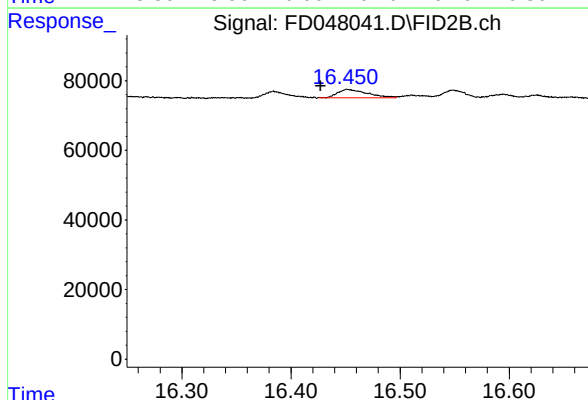
R.T.: 16.070 min
Delta R.T.: 0.027 min
Response: 83786
Conc: 0.58 ug/ml



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

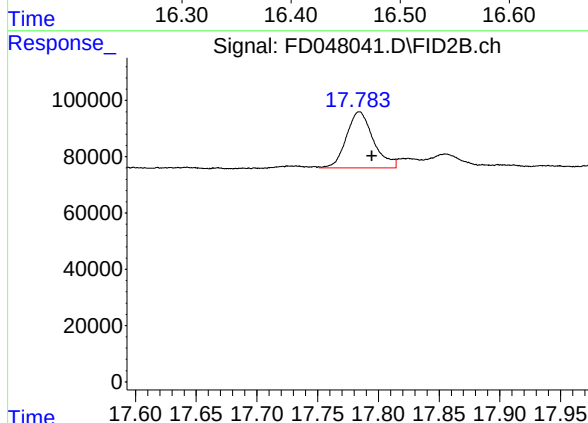
R.T.: 16.070 min
Delta R.T.: -0.006 min
Response: 83786
Conc: 0.56 ug/ml

Instrument :
FID_D
ClientSampleId :



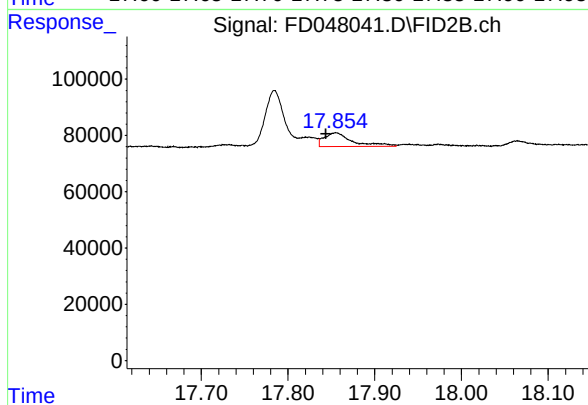
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.453 min
Delta R.T.: 0.025 min
Response: 45487
Conc: 0.32 ug/ml



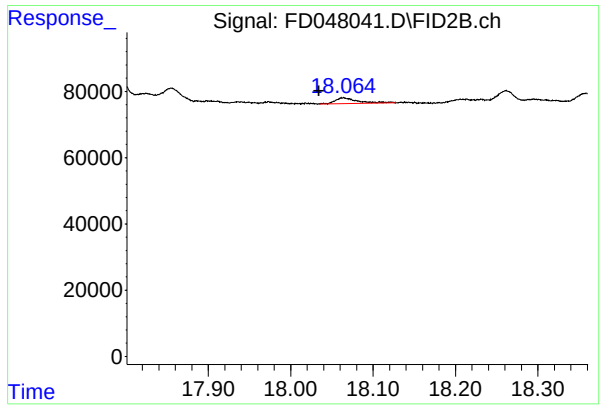
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.784 min
Delta R.T.: -0.010 min
Response: 308397
Conc: 2.73 ug/ml



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

R.T.: 17.855 min
Delta R.T.: 0.011 min
Response: 110412
Conc: 0.76 ug/ml



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

R.T.: 18.065 min
Delta R.T.: 0.030 min
Response: 31148
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :