

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122623AR\
 Data File : FD047088.D
 Signal(s) : FID2B.ch
 Acq On : 26 Dec 2023 10:41
 Operator : YP/AJ
 Sample : 05993-02DL 5X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 26 11:11:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 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...	7.471	1217666	7.345 ug/ml
Spiked Amount 50.000		Recovery =	14.69%
6) S 2-Fluorobiphenyl (SURR)	8.328	345877	3.319 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.64%
11) S ortho-Terphenyl (SURR)	11.357	985542	5.103 ug/ml
Spiked Amount 50.000		Recovery =	10.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	6053081	33.549 ug/ml
2) T Naphthalene (C11.7)	5.812	973960	5.291 ug/ml
3) T 2-Methylnaphthalene (...)	6.866	79961	0.436 ug/ml
9) T Phenanthrene (C19.36)	10.601	47150	0.302 ug/ml
10) T Anthracene (C19.43)	10.601	47150	0.326 ug/ml
12) T Fluoranthene (C21.85)	12.396	85807	0.567 ug/ml
13) T Pyrene (C20.8)	12.689	59367	0.405 ug/ml
14) T Benzo[a]anthracene (C...	14.558	46478	0.378 ug/ml
15) T Chrysene (C27.41)	14.598	98057	0.699 ug/ml
16) T benzo[b]fluoranthene ...	16.097	73144	0.568 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	44938	0.338 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	45250	0.356 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.832	80772	0.729 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	131003	1.025 ug/ml
21) T Benzo[g,h,i]perylene ...	18.079	73087	0.570 ug/ml

(f)=RT Delta > 1/2 Window

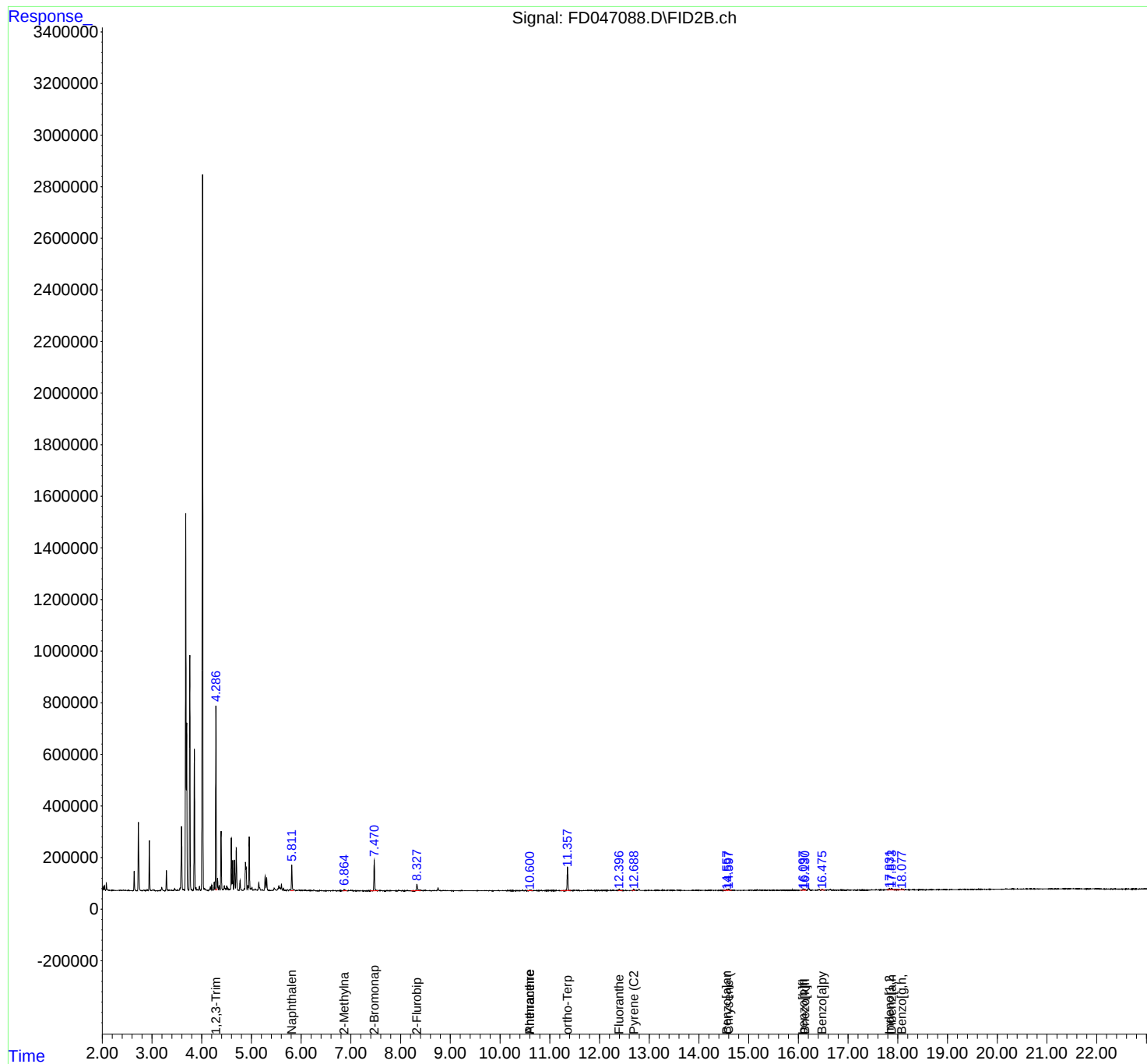
(m)=manual int.

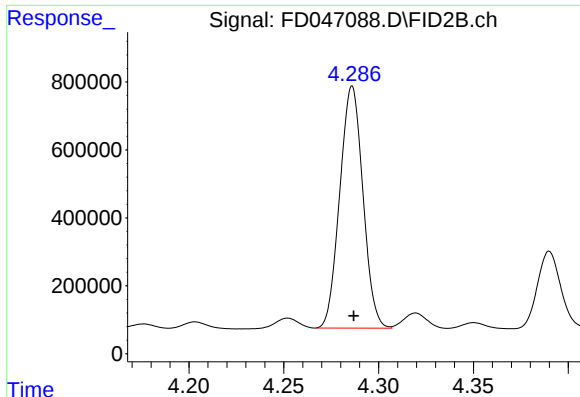
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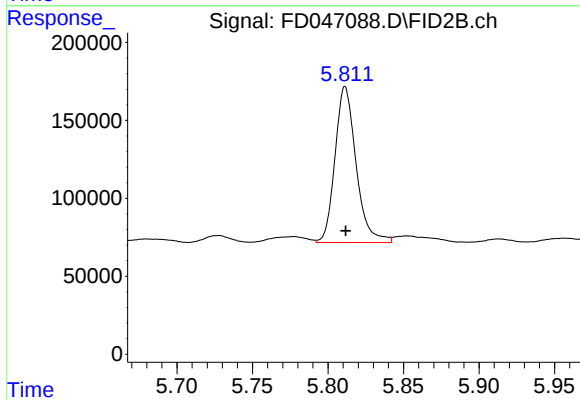




#1 1,2,3-Trimethylbenzene (C10.1)

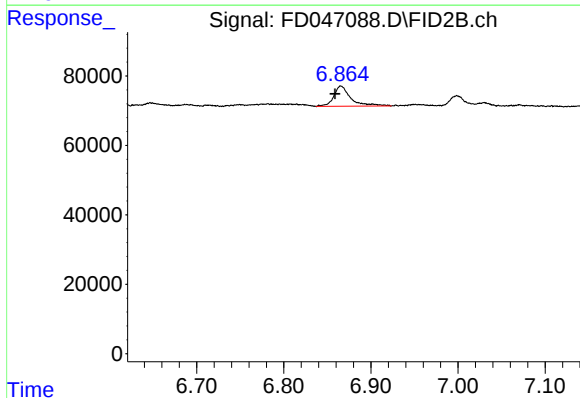
R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 6053081
Conc: 33.55 ug/ml

Instrument :
FID_D
ClientSampleId :



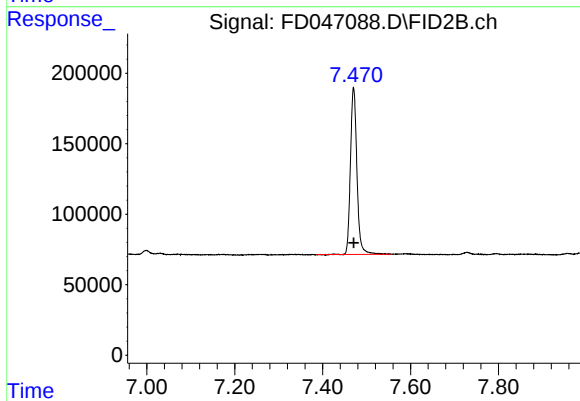
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 973960
Conc: 5.29 ug/ml



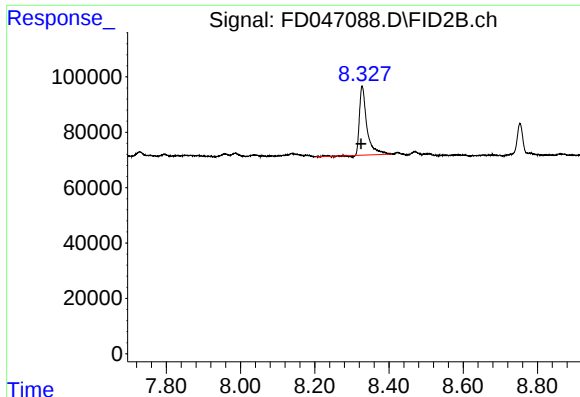
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.866 min
Delta R.T.: 0.007 min
Response: 79961
Conc: 0.44 ug/ml



#4 2-Bromonaphthalene (SURR)

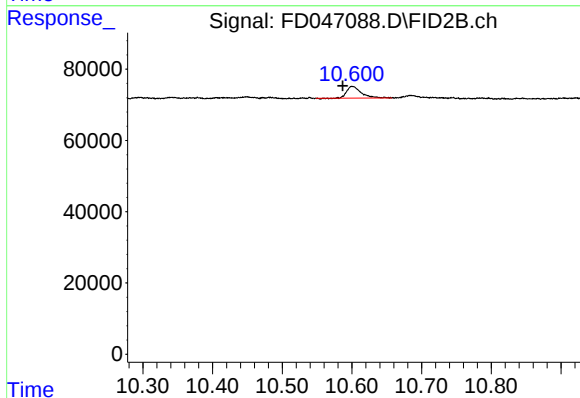
R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 1217666
Conc: 7.34 ug/ml



#6 2-Fluorobiphenyl (SURR)

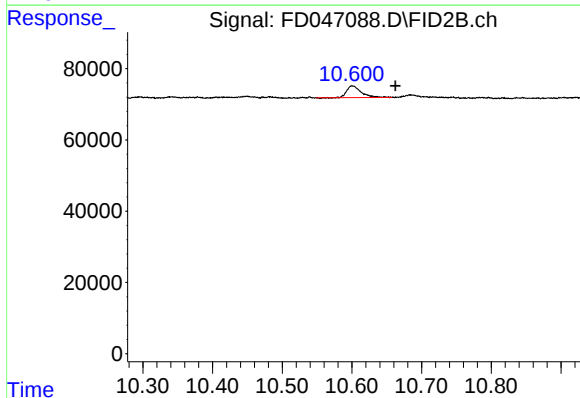
R.T.: 8.328 min
Delta R.T.: 0.003 min
Response: 345877
Conc: 3.32 ug/ml

Instrument :
FID_D
ClientSampleId :



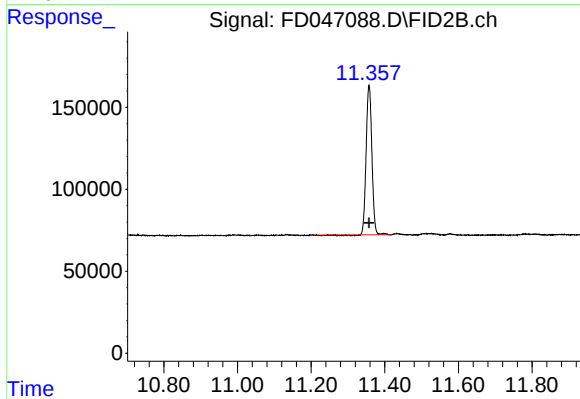
#9 Phenanthrene (C19.36)

R.T.: 10.601 min
Delta R.T.: 0.014 min
Response: 47150
Conc: 0.30 ug/ml



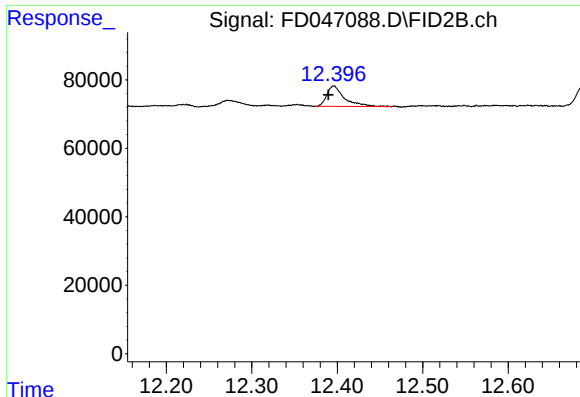
#10 Anthracene (C19.43)

R.T.: 10.601 min
Delta R.T.: -0.061 min
Response: 47150
Conc: 0.33 ug/ml



#11 ortho-Terphenyl (SURR)

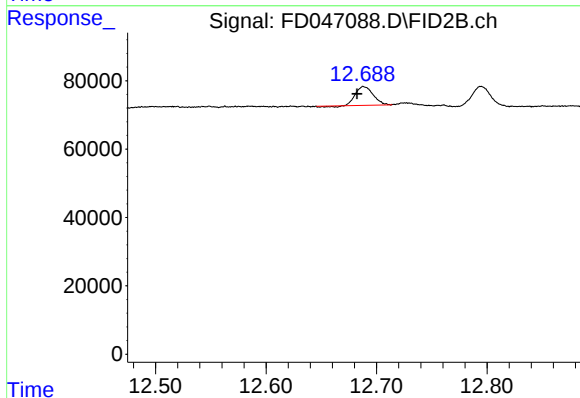
R.T.: 11.357 min
Delta R.T.: 0.000 min
Response: 985542
Conc: 5.10 ug/ml



#12 Fluoranthene (C21.85)

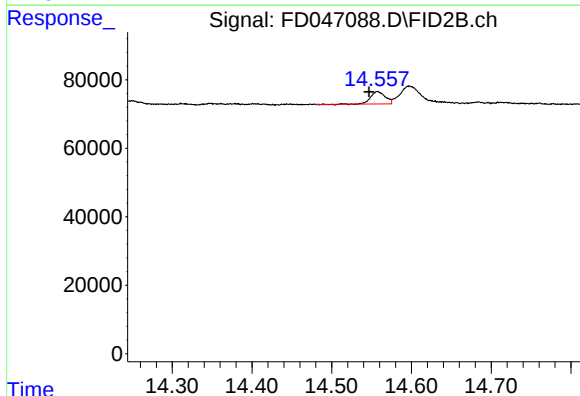
R.T.: 12.396 min
Delta R.T.: 0.006 min
Response: 85807
Conc: 0.57 ug/ml

Instrument :
FID_D
ClientSampleId :



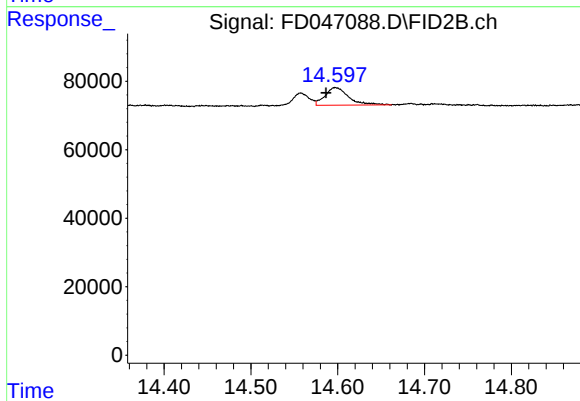
#13 Pyrene (C20.8)

R.T.: 12.689 min
Delta R.T.: 0.006 min
Response: 59367
Conc: 0.40 ug/ml



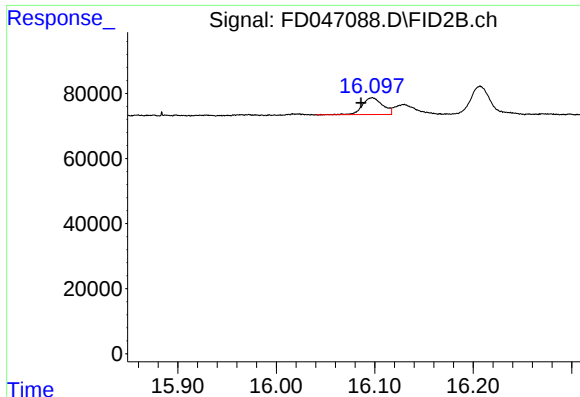
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.558 min
Delta R.T.: 0.011 min
Response: 46478
Conc: 0.38 ug/ml



#15 Chrysene (C27.41)

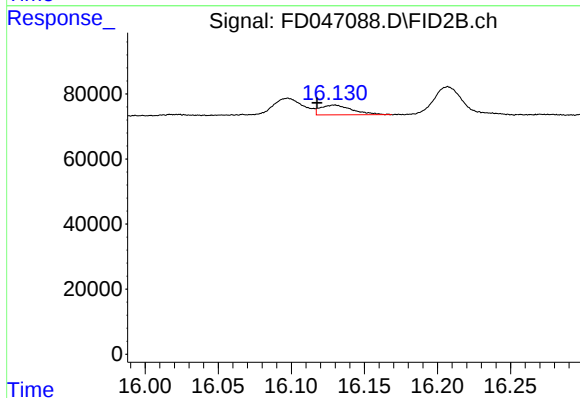
R.T.: 14.598 min
Delta R.T.: 0.011 min
Response: 98057
Conc: 0.70 ug/ml



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

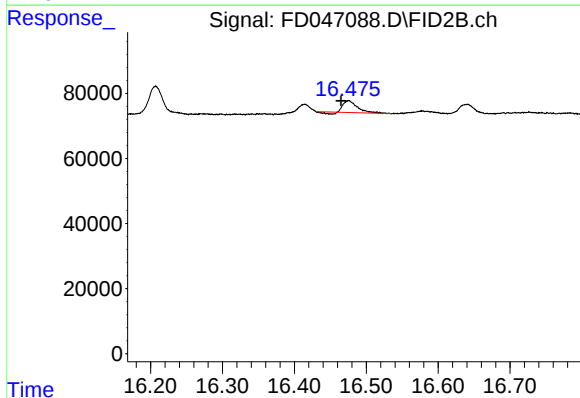
R.T.: 16.097 min
Delta R.T.: 0.011 min
Response: 73144
Conc: 0.57 ug/ml

Instrument :
FID_D
ClientSampleId :



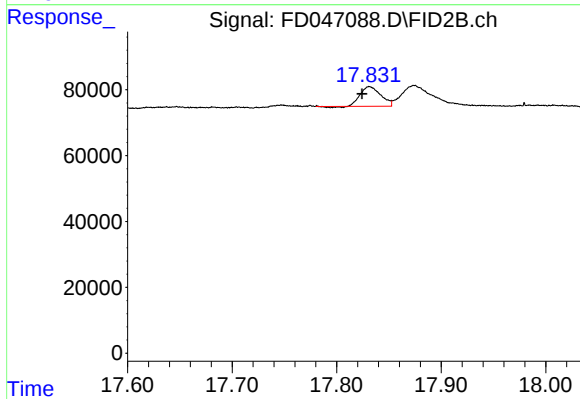
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.129 min
Delta R.T.: 0.012 min
Response: 44938
Conc: 0.34 ug/ml



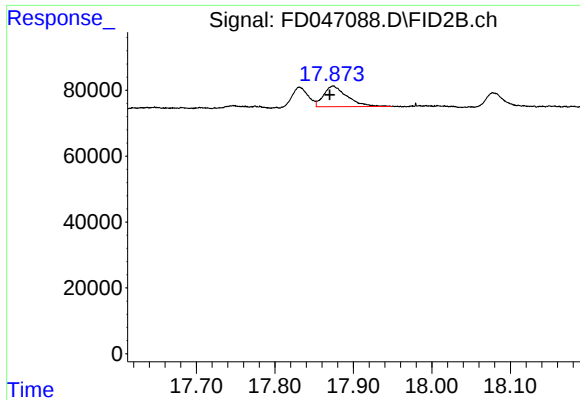
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: 0.010 min
Response: 45250
Conc: 0.36 ug/ml



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

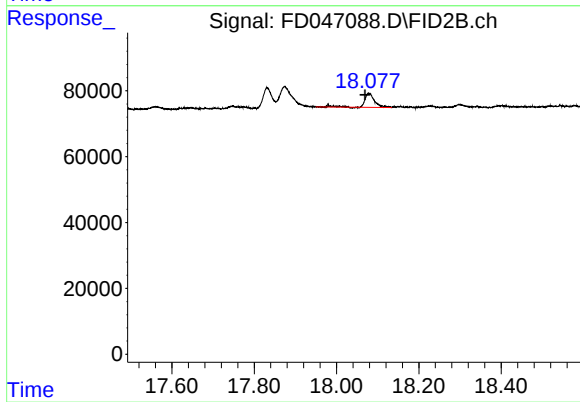
R.T.: 17.832 min
Delta R.T.: 0.007 min
Response: 80772
Conc: 0.73 ug/ml



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

R.T.: 17.874 min
Delta R.T.: 0.004 min
Response: 131003
Conc: 1.03 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.079 min
Delta R.T.: 0.009 min
Response: 73087
Conc: 0.57 ug/ml