

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112123AR\
 Data File : FD046930.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 10:02
 Operator : YP/AJ
 Sample : 05449-27
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 22:50:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.478	7296257	40.007 ug/ml
Spiked Amount 50.000		Recovery =	80.01%
6) S 2-Fluorobiphenyl (SURR)	8.330	3701018	31.449 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.90%
11) S ortho-Terphenyl (SURR)	11.368	6799980	32.112 ug/ml
Spiked Amount 50.000		Recovery =	64.22%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.874	80525	0.401 ug/ml
7) T Acenaphthene (C15.5)	8.389	53453	0.273 ug/ml
8) T Flouorene (C16.55)	9.219	35996	0.195 ug/ml
9) T Phenanthrene (C19.36)	10.599	35524	0.200 ug/ml
12) T Fluoranthene (C21.85)	12.398	61927	0.359 ug/ml
13) T Pyrene (C20.8)	12.691	76013	0.457 ug/ml
14) T Benzo[a]anthracene (C...	14.559	17652	0.125 ug/ml
15) T Chrysene (C27.41)	14.601	58124	0.373 ug/ml
16) T benzo[b]fluoranthene ...	16.101	27466	0.192 ug/ml
17) T Bnezo[k]fluoranthene ...	16.101	27466	0.188 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	146181	1.157 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	111248	0.796 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	42885	0.307 ug/ml

(f)=RT Delta > 1/2 Window

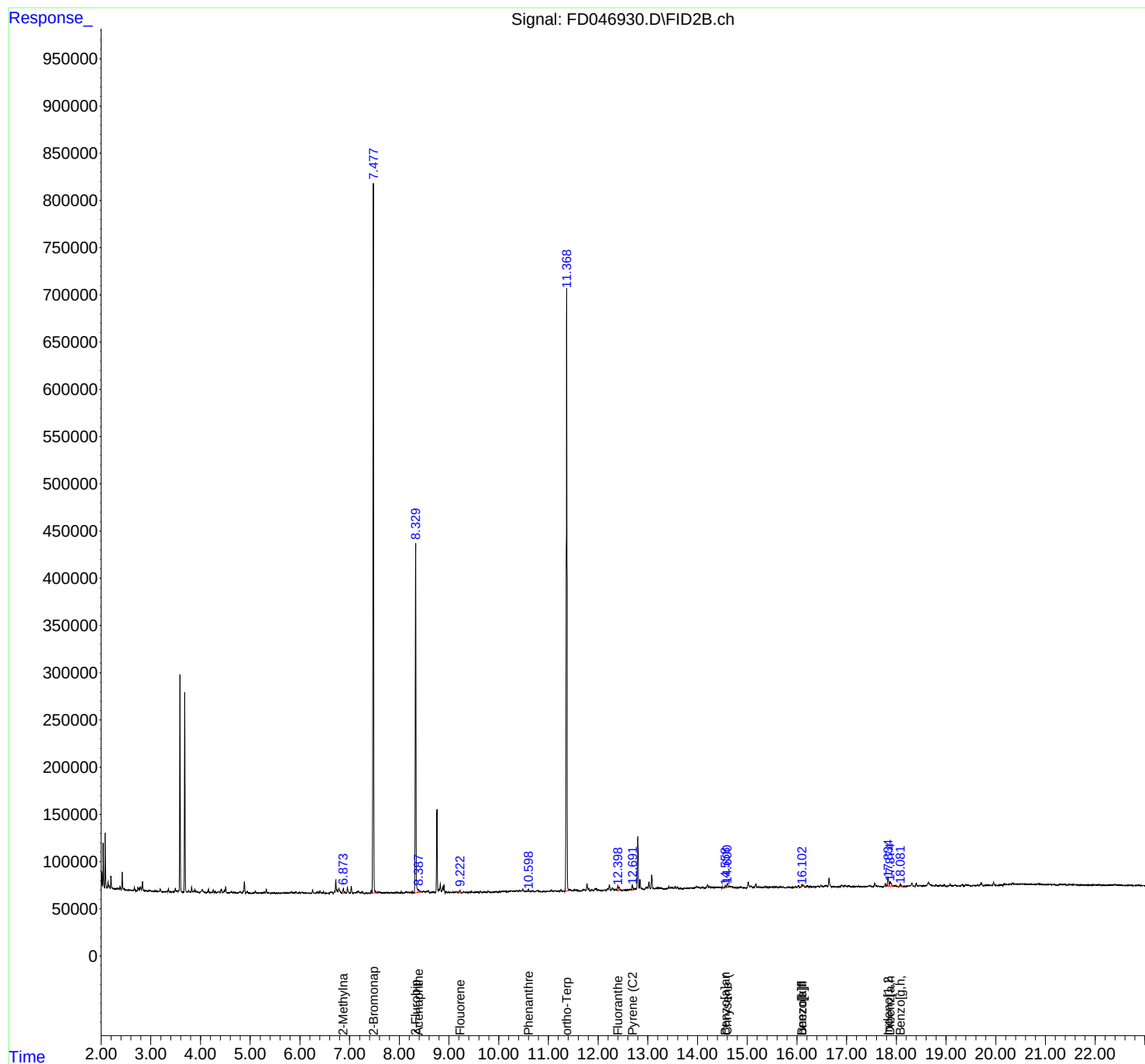
(m)=manual int.

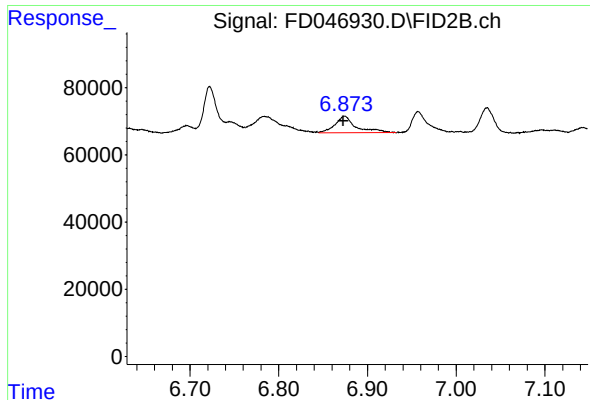
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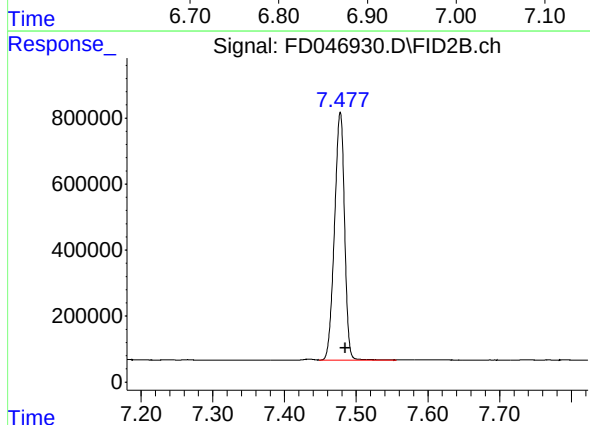




#3 2-Methylnaphthalene (C12.89)

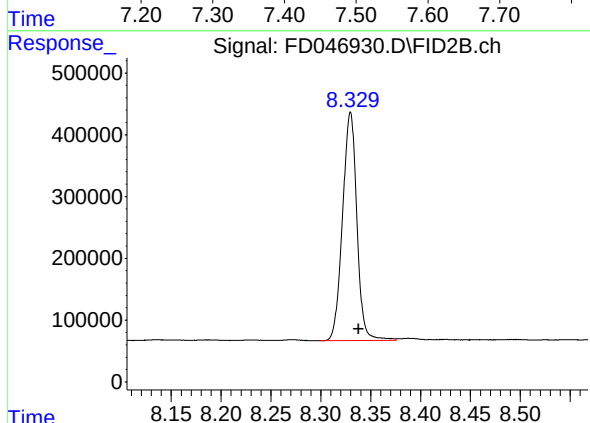
R.T.: 6.874 min
Delta R.T.: 0.001 min
Response: 80525
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



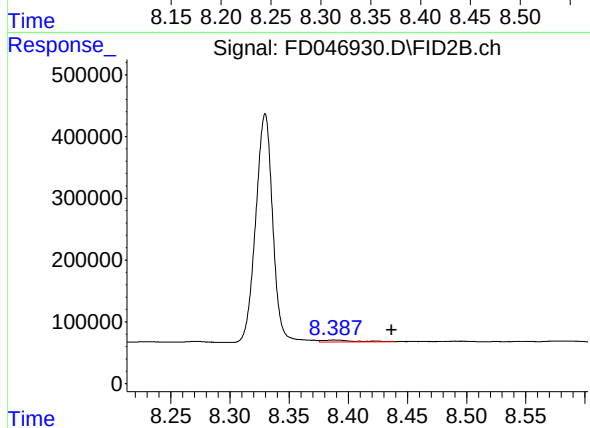
#4 2-Bromonaphthalene (SURR)

R.T.: 7.478 min
Delta R.T.: -0.007 min
Response: 7296257
Conc: 40.01 ug/ml



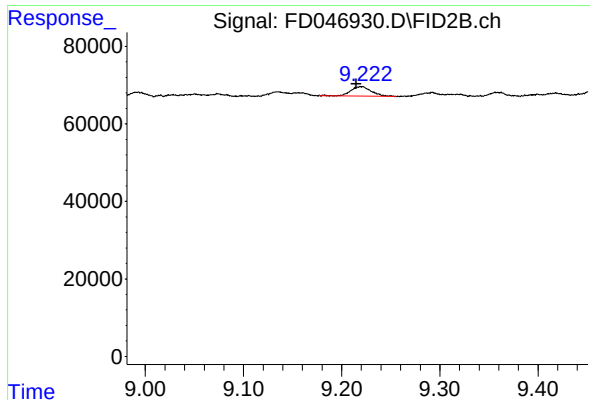
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: -0.008 min
Response: 3701018
Conc: 31.45 ug/ml



#7 Acenaphthene (C15.5)

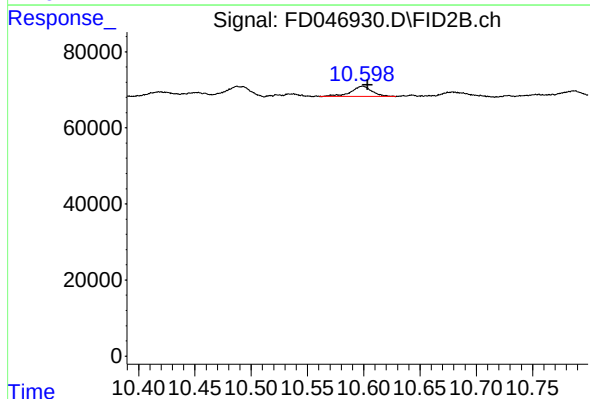
R.T.: 8.389 min
Delta R.T.: -0.048 min
Response: 53453
Conc: 0.27 ug/ml



#8 Flouorene (C16.55)

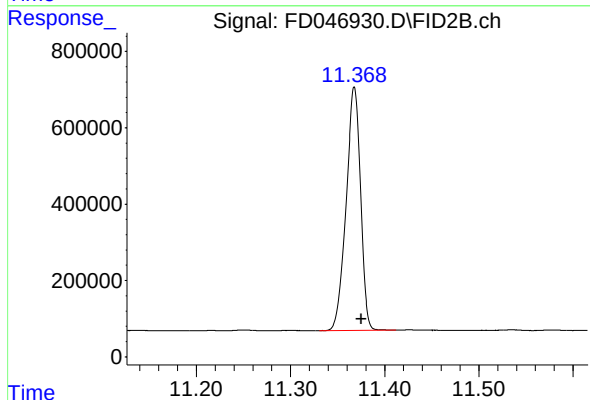
R.T.: 9.219 min
Delta R.T.: 0.005 min
Response: 35996
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



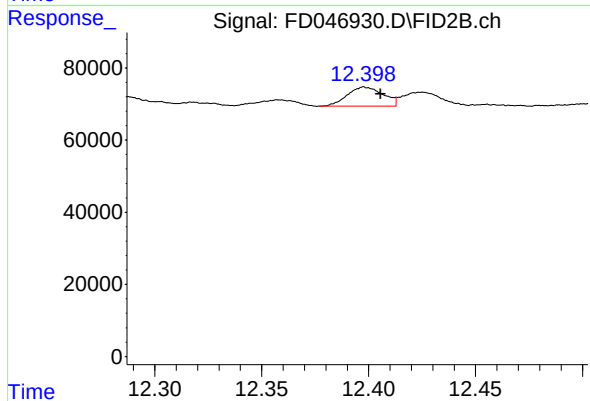
#9 Phenanthrene (C19.36)

R.T.: 10.599 min
Delta R.T.: -0.005 min
Response: 35524
Conc: 0.20 ug/ml



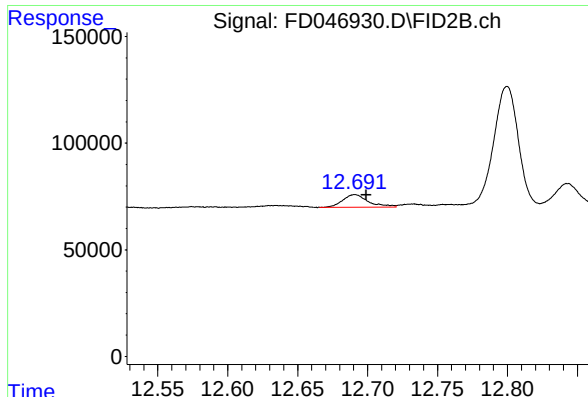
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: -0.007 min
Response: 6799980
Conc: 32.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.398 min
Delta R.T.: -0.007 min
Response: 61927
Conc: 0.36 ug/ml



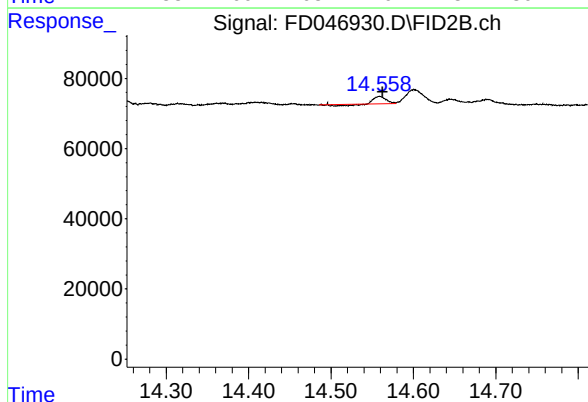
#13 Pyrene (C20.8)

R.T.: 12.691 min
Delta R.T.: -0.008 min
Response: 76013
Conc: 0.46 ug/ml

Instrument :

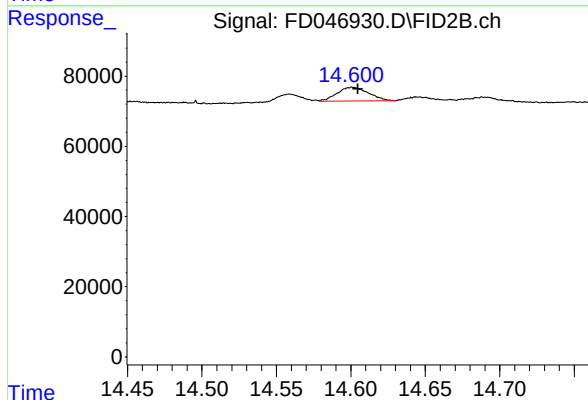
FID_D

ClientSampleId :



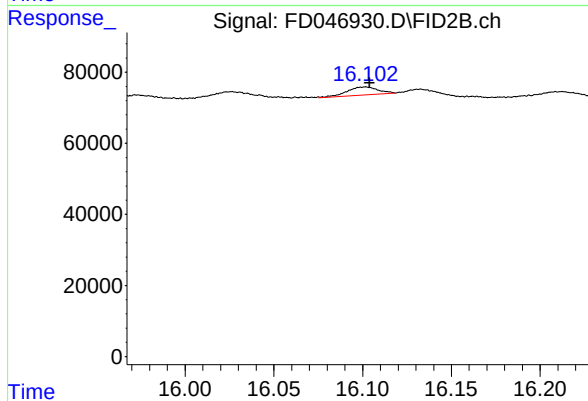
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.559 min
Delta R.T.: -0.004 min
Response: 17652
Conc: 0.13 ug/ml



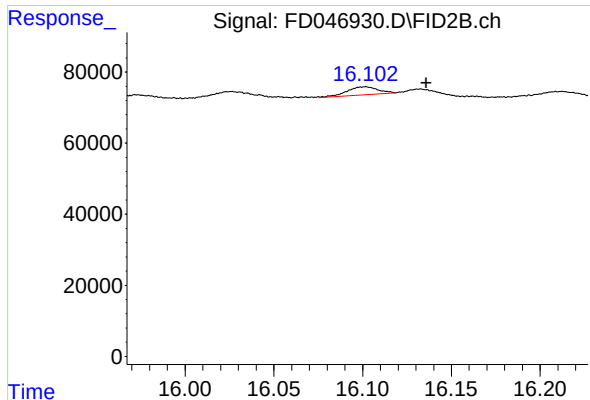
#15 Chrysene (C27.41)

R.T.: 14.601 min
Delta R.T.: -0.004 min
Response: 58124
Conc: 0.37 ug/ml



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

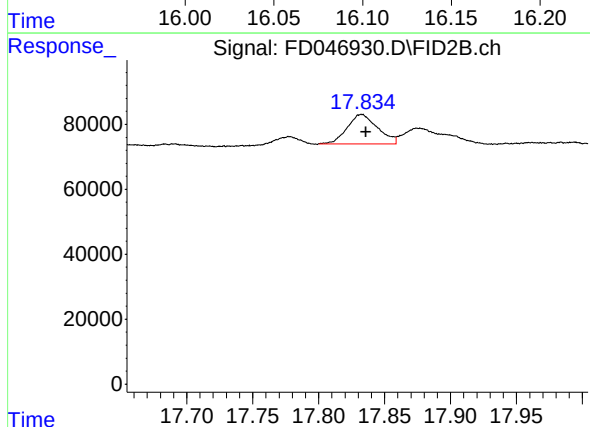
R.T.: 16.101 min
Delta R.T.: -0.003 min
Response: 27466
Conc: 0.19 ug/ml



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

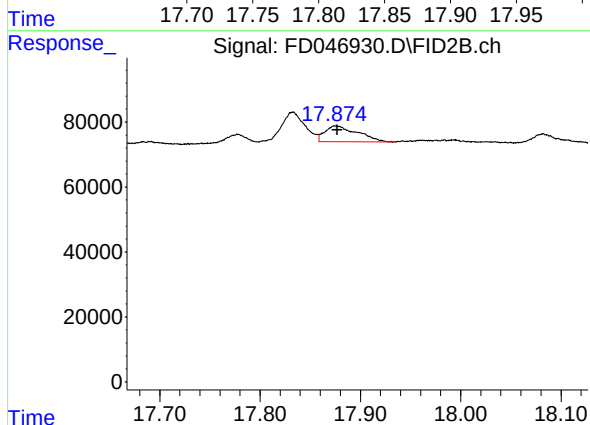
R.T.: 16.101 min
Delta R.T.: -0.035 min
Response: 27466
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



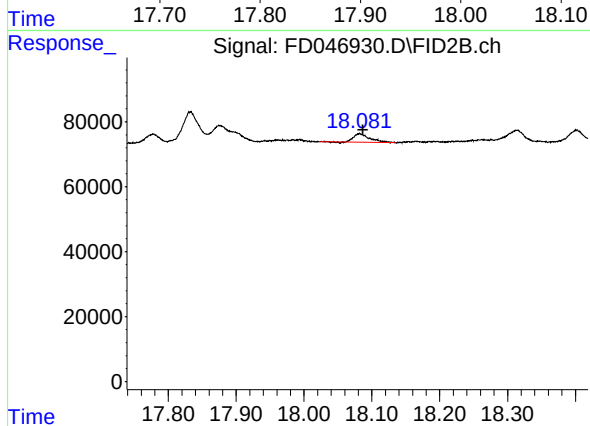
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: -0.003 min
Response: 146181
Conc: 1.16 ug/ml



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

R.T.: 17.876 min
Delta R.T.: -0.001 min
Response: 111248
Conc: 0.80 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.005 min
Response: 42885
Conc: 0.31 ug/ml