

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040121AR\
 Data File : FD036682.D
 Signal(s) : FID2B.CH
 Acq On : 01 Apr 2021 18:42
 Operator : DD\AJ
 Sample : M1864-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 02 03:29:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.592	7973434	56.693 ug/ml
Spiked Amount 50.000		Recovery =	113.39%
6) S 2-Fluorobiphenyl (SURR)	8.450	4138866	44.092 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.18%
11) S ortho-Terphenyl (SURR)	11.490	5325001	34.865 ug/ml
Spiked Amount 50.000		Recovery =	69.73%
Target Compounds			
7) T Acenaphthene (C15.5)	8.544	243946	1.571 ug/ml
8) T Flouorene (C16.55)	9.323	179231	1.190 ug/ml
9) T Phenanthrene (C19.36)	10.716	463522	3.162 ug/ml
10) T Anthracene (C19.43)	10.790	106888	0.738 ug/ml
12) T Fluoranthene (C21.85)	12.524	683391	4.868 ug/ml
13) T Pyrene (C20.8)	12.820	517849	3.774 ug/ml
14) T Benzo[a]anthracene (C...	14.688	245868	2.070 ug/ml
15) T Chrysene (C27.41)	14.728	239482	1.980 ug/ml
16) T benzo[b]fluoranthene ...	16.238	274235	2.499 ug/ml
17) T Bnezo[k]fluoranthene ...	16.263	89744	0.844 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.614	215341	2.161 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.975	323505	3.218 ug/ml
20) T Dibenz[a,h]anthracene...	18.027	91896	0.911 ug/ml
21) T Benzo[g,h,i]perylene ...	18.229	126493	1.248 ug/ml

(f)=RT Delta > 1/2 Window

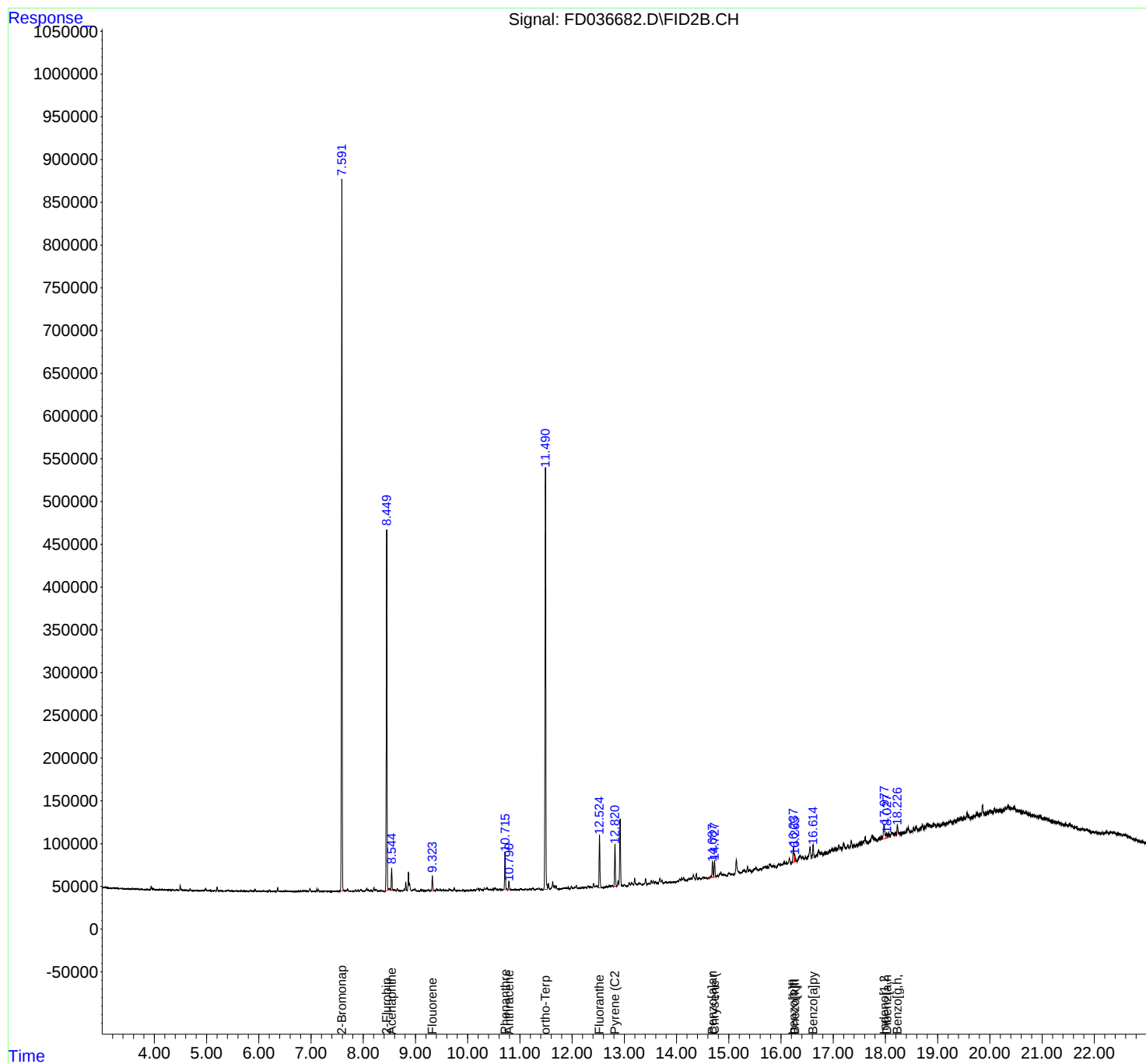
(m)=manual int.

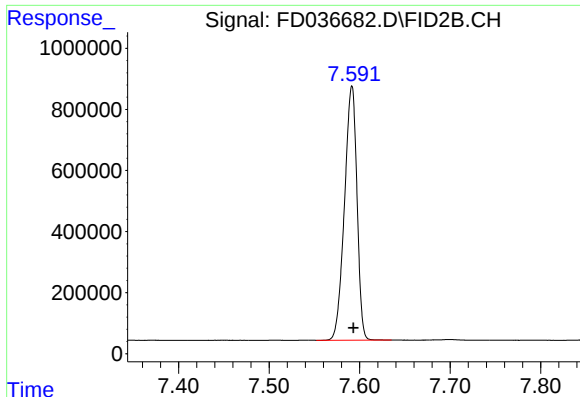
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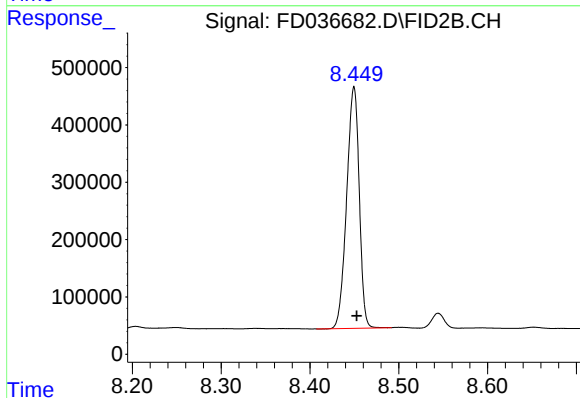




#4 2-Bromonaphthalene (SURR)

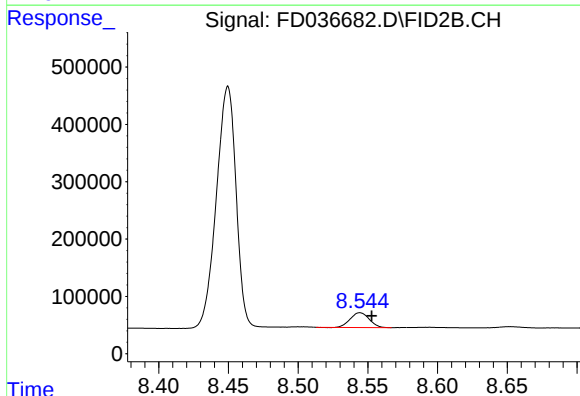
R.T.: 7.592 min
Delta R.T.: -0.002 min
Response: 7973434
Conc: 56.69 ug/ml

Instrument :
FID_D
ClientSampleId :



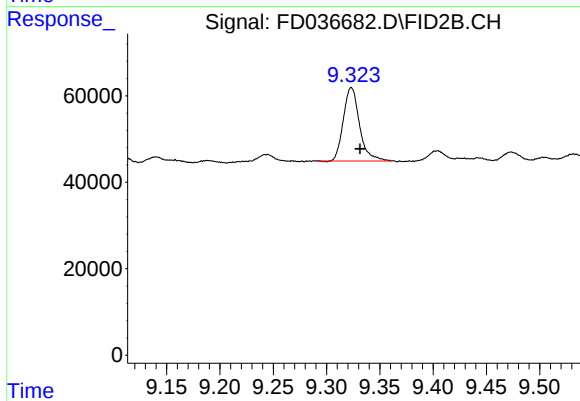
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.450 min
Delta R.T.: -0.003 min
Response: 4138866
Conc: 44.09 ug/ml



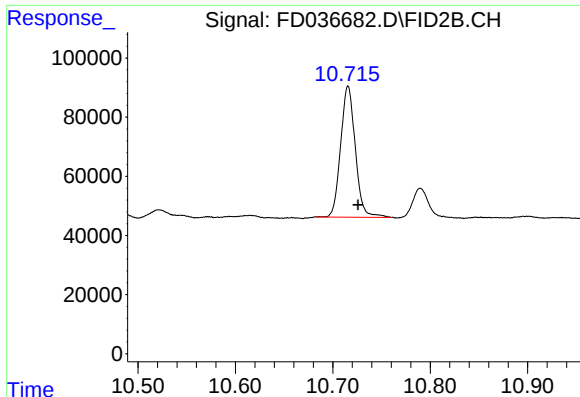
#7 Acenaphthene (C15.5)

R.T.: 8.544 min
Delta R.T.: -0.008 min
Response: 243946
Conc: 1.57 ug/ml



#8 Flouorene (C16.55)

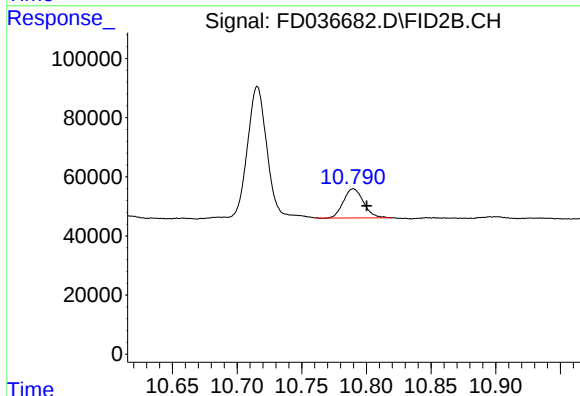
R.T.: 9.323 min
Delta R.T.: -0.008 min
Response: 179231
Conc: 1.19 ug/ml



#9 Phenanthrene (C19.36)

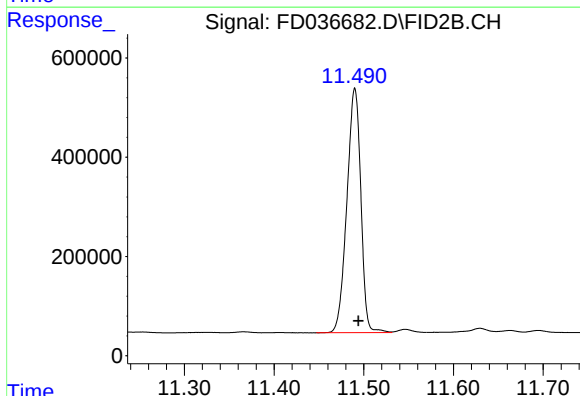
R.T.: 10.716 min
Delta R.T.: -0.010 min
Response: 463522
Conc: 3.16 ug/ml

Instrument :
FID_D
ClientSampleId :



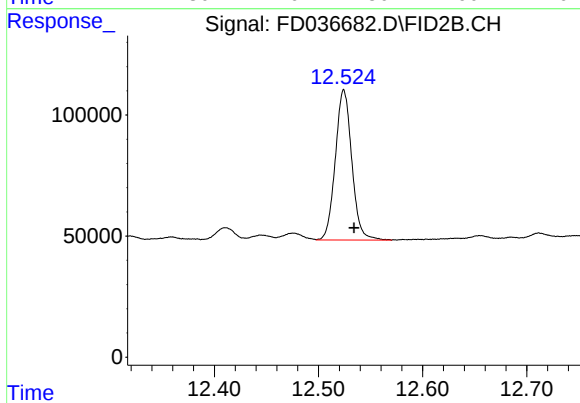
#10 Anthracene (C19.43)

R.T.: 10.790 min
Delta R.T.: -0.010 min
Response: 106888
Conc: 0.74 ug/ml



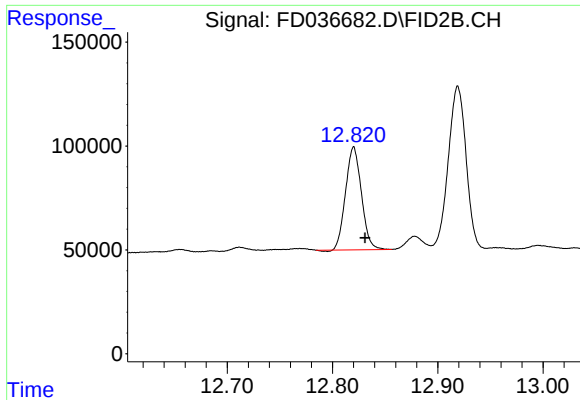
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 5325001
Conc: 34.87 ug/ml



#12 Fluoranthene (C21.85)

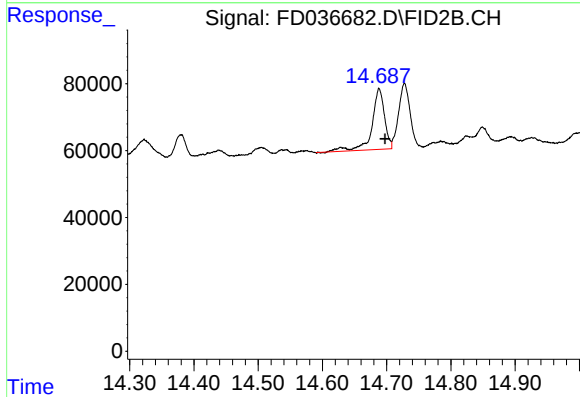
R.T.: 12.524 min
Delta R.T.: -0.010 min
Response: 683391
Conc: 4.87 ug/ml



#13 Pyrene (C20.8)

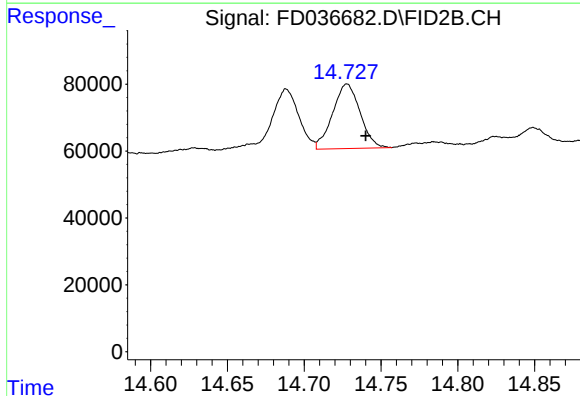
R.T.: 12.820 min
Delta R.T.: -0.011 min
Response: 517849
Conc: 3.77 ug/ml

Instrument :
FID_D
ClientSampleId :



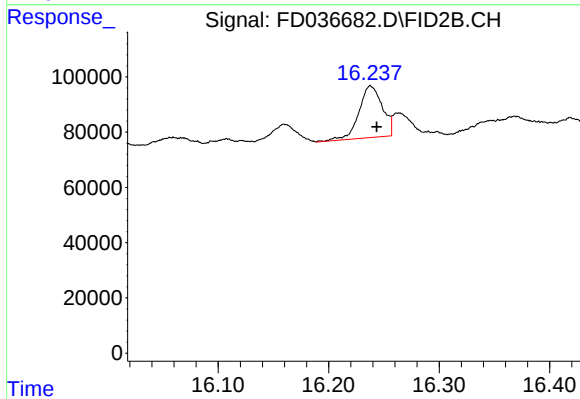
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.688 min
Delta R.T.: -0.009 min
Response: 245868
Conc: 2.07 ug/ml



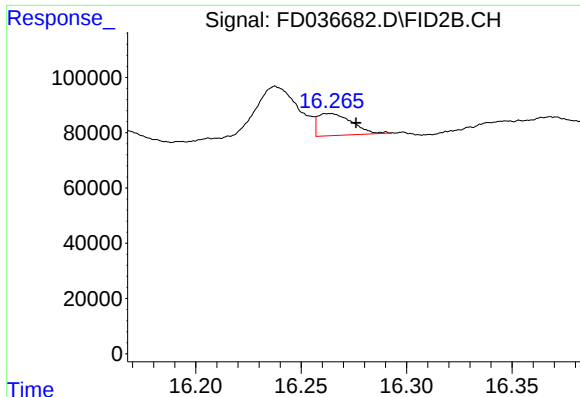
#15 Chrysene (C27.41)

R.T.: 14.728 min
Delta R.T.: -0.012 min
Response: 239482
Conc: 1.98 ug/ml



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

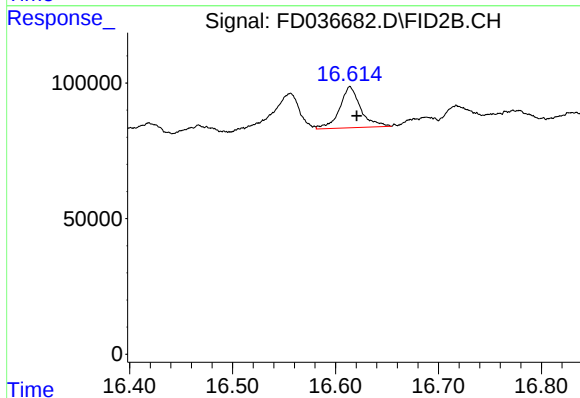
R.T.: 16.238 min
Delta R.T.: -0.006 min
Response: 274235
Conc: 2.50 ug/ml



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

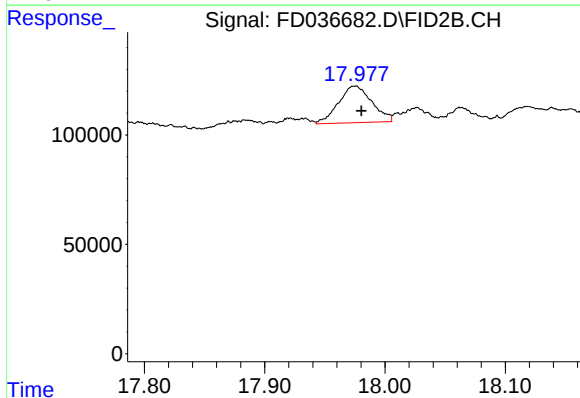
R.T.: 16.263 min
Delta R.T.: -0.013 min
Response: 89744
Conc: 0.84 ug/ml

Instrument :
FID_D
ClientSampleId :



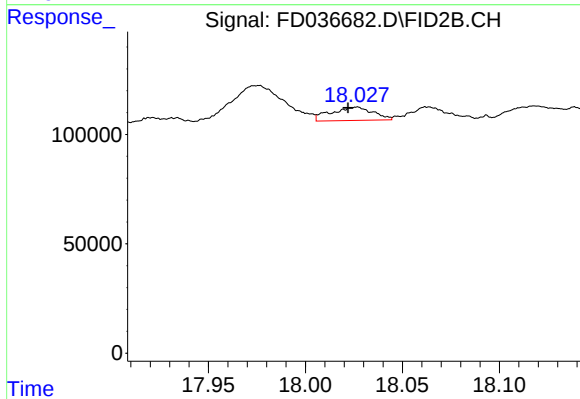
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.614 min
Delta R.T.: -0.006 min
Response: 215341
Conc: 2.16 ug/ml



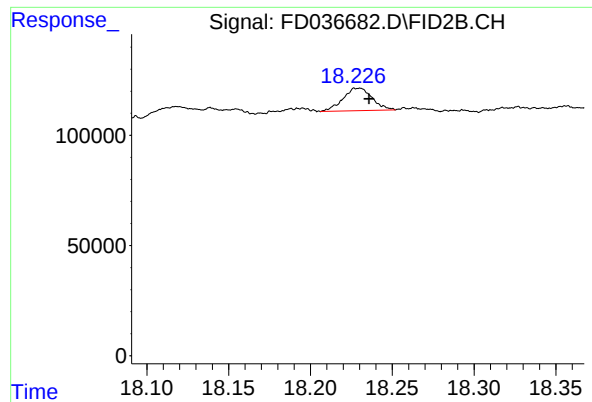
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.975 min
Delta R.T.: -0.005 min
Response: 323505
Conc: 3.22 ug/ml



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

R.T.: 18.027 min
Delta R.T.: 0.005 min
Response: 91896
Conc: 0.91 ug/ml



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

R.T.: 18.229 min
Delta R.T.: -0.007 min
Response: 126493
Conc: 1.25 ug/ml

Instrument :
FID_D
ClientSampleId :