

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047839.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2024 02:07
 Operator : YP/AJ
 Sample : P2560-12
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 04:15:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.455	7667676	54.616 ug/ml
Spiked Amount 50.000		Recovery =	109.23%
6) S 2-Fluorobiphenyl (SURR)	8.307	4280265	46.217 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.43%
11) S ortho-Terphenyl (SURR)	11.351	6536277	40.881 ug/ml
Spiked Amount 50.000		Recovery =	81.76%
Target Compounds			
7) T Acenaphthene (C15.5)	8.404	153915	0.943 ug/ml
8) T Flouorene (C16.55)	9.187	252061	1.602 ug/ml
9) T Phenanthrene (C19.36)	10.575	3642637	23.622 ug/ml
10) T Anthracene (C19.43)	10.649	1177099	7.830 ug/ml
12) T Fluoranthene (C21.85)	12.390	8487607	55.930 ug/ml
13) T Pyrene (C20.8)	12.683	7018627	46.557 ug/ml
14) T Benzo[a]anthracene (C...	14.548	4802769	35.035 ug/ml
15) T Chrysene (C27.41)	14.590	4548571	30.876 ug/ml
16) T benzo[b]fluoranthene ...	16.100	6976041	49.566 ug/ml
17) T Bnezo[k]fluoranthene ...	16.100	6976041	51.227 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	3628914	26.217 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	2374840	20.600 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	702442	5.268 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	1763040	13.257 ug/ml

(f)=RT Delta > 1/2 Window

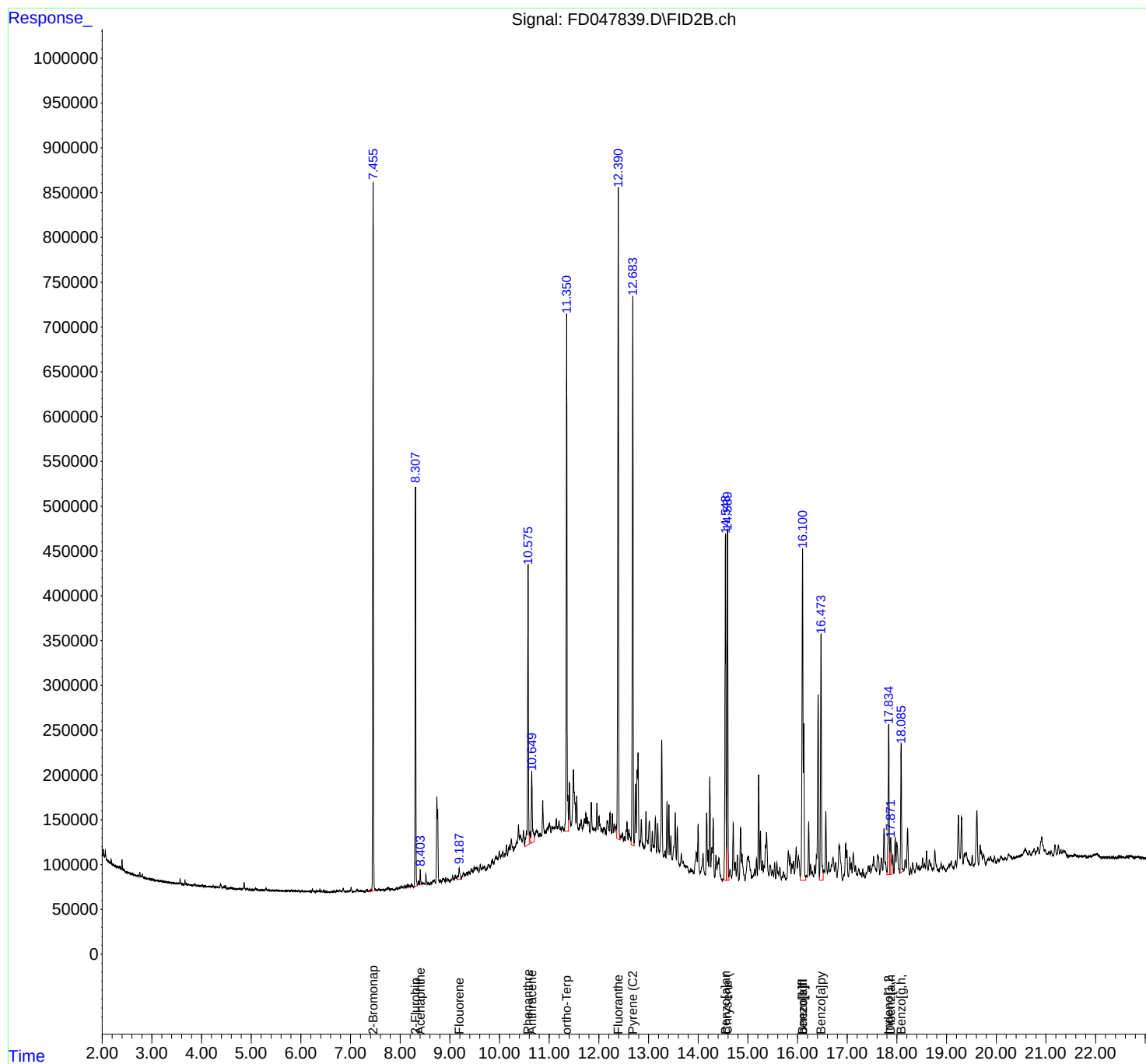
(m)=manual int.

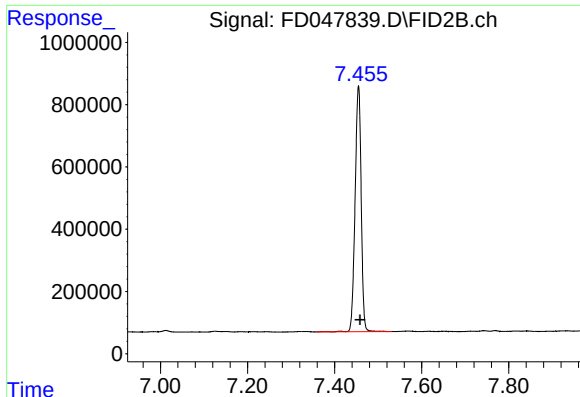
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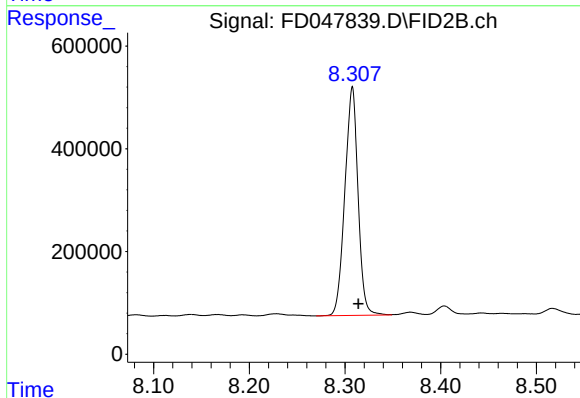




#4 2-Bromonaphthalene (SURRE)

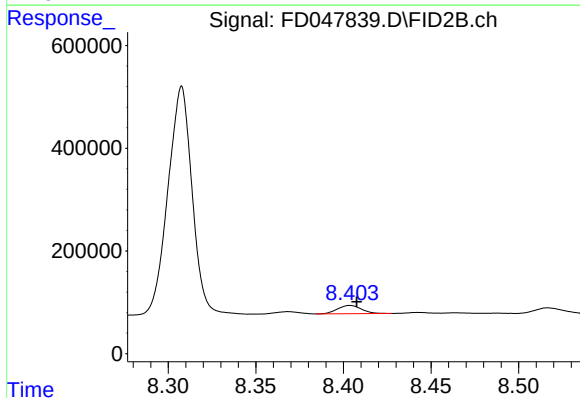
R.T.: 7.455 min
Delta R.T.: -0.003 min
Response: 7667676
Conc: 54.62 ug/ml

Instrument :
FID_D
ClientSampleId :



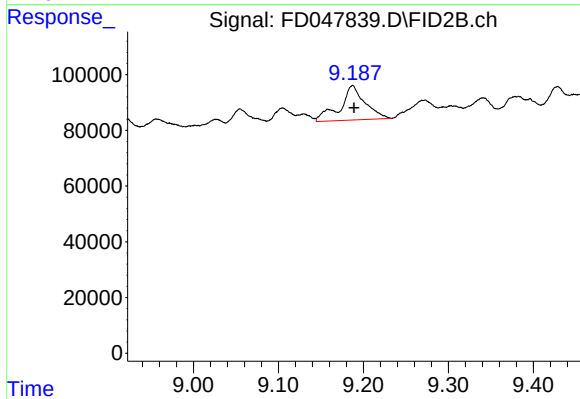
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.307 min
Delta R.T.: -0.007 min
Response: 4280265
Conc: 46.22 ug/ml



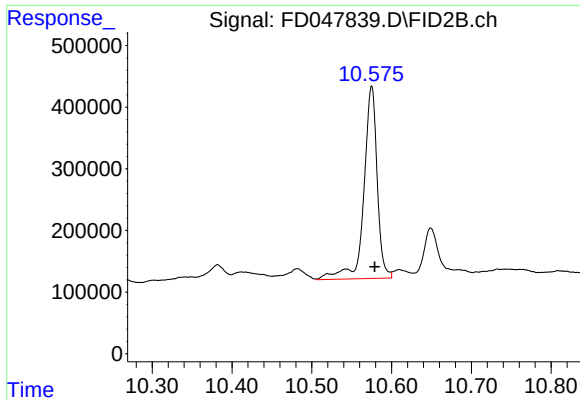
#7 Acenaphthene (C15.5)

R.T.: 8.404 min
Delta R.T.: -0.004 min
Response: 153915
Conc: 0.94 ug/ml



#8 Fluorene (C16.55)

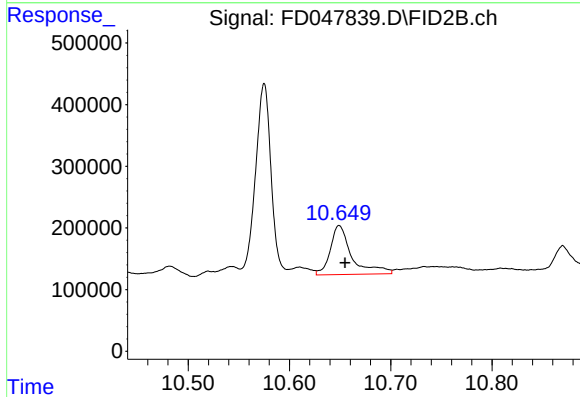
R.T.: 9.187 min
Delta R.T.: -0.002 min
Response: 252061
Conc: 1.60 ug/ml



#9 Phenanthrene (C19.36)

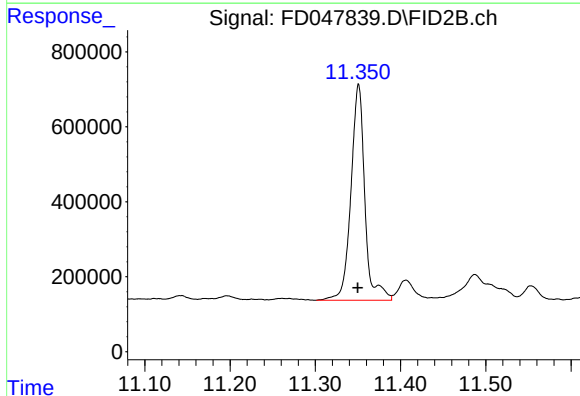
R.T.: 10.575 min
Delta R.T.: -0.004 min
Response: 3642637
Conc: 23.62 ug/ml

Instrument :
FID_D
ClientSampleId :



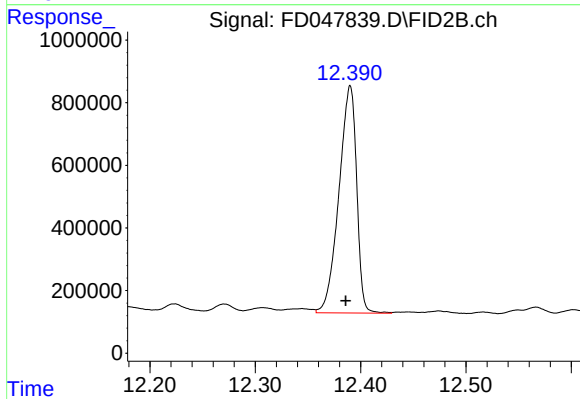
#10 Anthracene (C19.43)

R.T.: 10.649 min
Delta R.T.: -0.005 min
Response: 1177099
Conc: 7.83 ug/ml



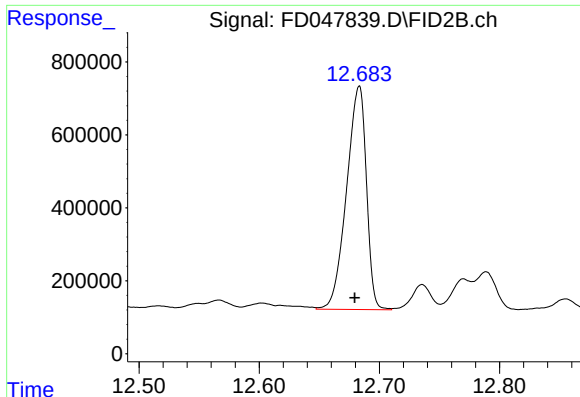
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 6536277
Conc: 40.88 ug/ml



#12 Fluoranthene (C21.85)

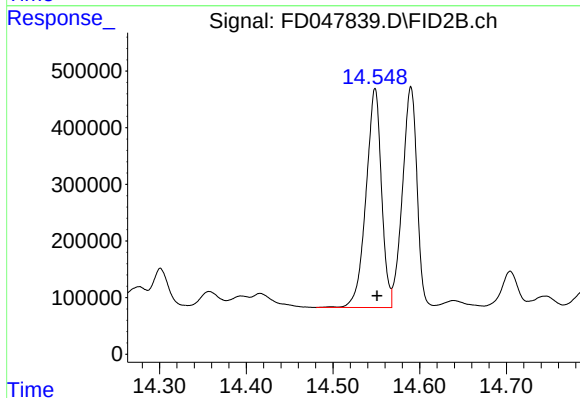
R.T.: 12.390 min
Delta R.T.: 0.004 min
Response: 8487607
Conc: 55.93 ug/ml



#13 Pyrene (C20.8)

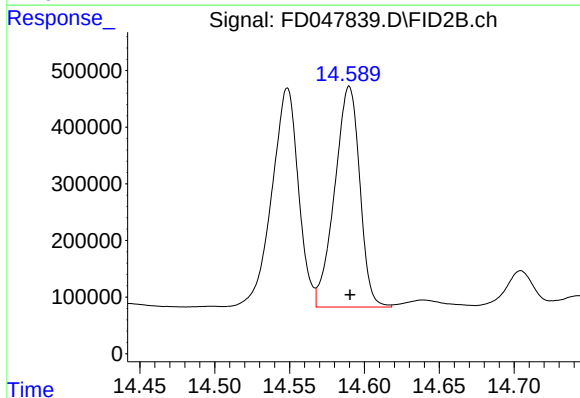
R.T.: 12.683 min
Delta R.T.: 0.003 min
Response: 7018627
Conc: 46.56 ug/ml

Instrument :
FID_D
ClientSampleId :



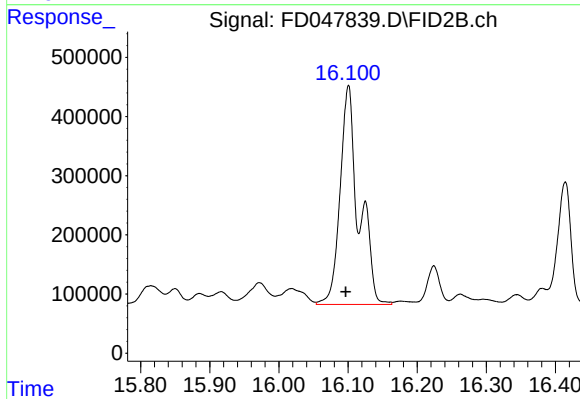
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.548 min
Delta R.T.: -0.003 min
Response: 4802769
Conc: 35.04 ug/ml



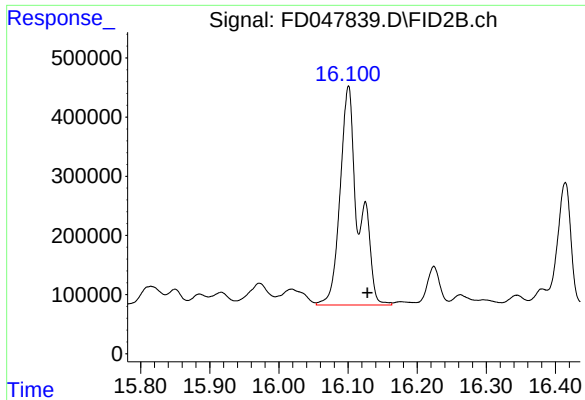
#15 Chrysene (C27.41)

R.T.: 14.590 min
Delta R.T.: 0.000 min
Response: 4548571
Conc: 30.88 ug/ml



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

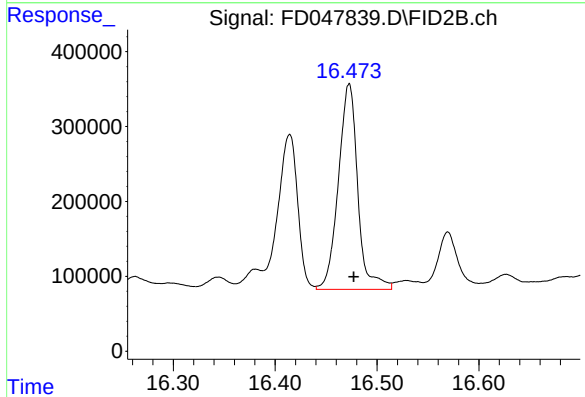
R.T.: 16.100 min
Delta R.T.: 0.004 min
Response: 6976041
Conc: 49.57 ug/ml



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

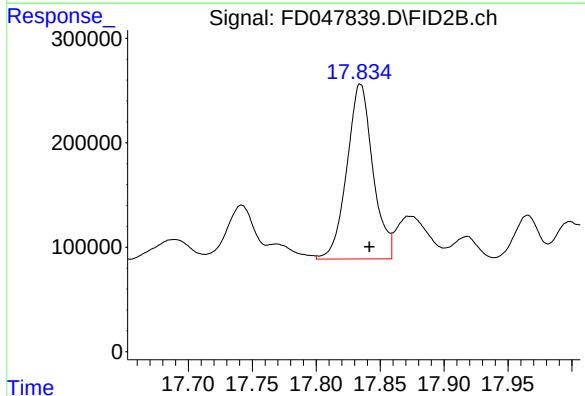
R.T.: 16.100 min
Delta R.T.: -0.028 min
Response: 6976041
Conc: 51.23 ug/ml

Instrument :
FID_D
ClientSampleId :



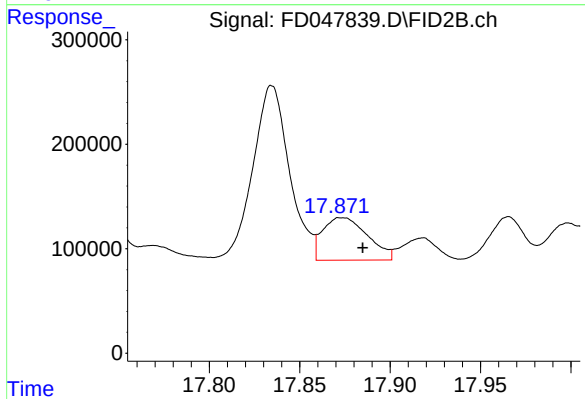
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: -0.005 min
Response: 3628914
Conc: 26.22 ug/ml



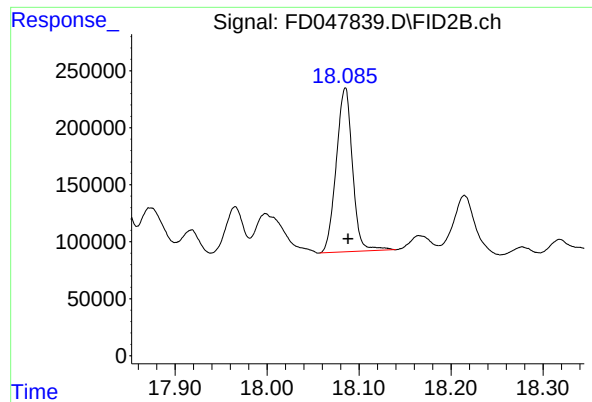
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: -0.007 min
Response: 2374840
Conc: 20.60 ug/ml



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

R.T.: 17.874 min
Delta R.T.: -0.011 min
Response: 702442
Conc: 5.27 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.003 min
Response: 1763040
Conc: 13.26 ug/ml

Instrument :
FID_D
ClientSampleId :