

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045983.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 04:15
 Operator : YP/AJ
 Sample : 03357-29
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 06:37:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.521	8543428	39.645 ug/ml
Spiked Amount 50.000		Recovery =	79.29%
6) S 2-Fluorobiphenyl (SURR)	8.375	5674091	40.997 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.99%
11) S ortho-Terphenyl (SURR)	11.418	18824825	74.253 ug/ml
Spiked Amount 50.000		Recovery =	148.51%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.944	156103	0.619 ug/ml
9) T Phenanthrene (C19.36)	10.632	1015360	4.759 ug/ml
10) T Anthracene (C19.43)	10.727	2347893	14.776 ug/ml
12) T Fluoranthene (C21.85)	12.458	14667829	71.672 ug/ml
13) T Pyrene (C20.8)	12.749	17731706	91.196 ug/ml
14) T Benzo[a]anthracene (C...	14.599	40383026	224.543 ug/ml
15) T Chrysene (C27.41)	14.641	37363298	190.362 ug/ml
16) T benzo[b]fluoranthene ...	16.185	13355889	71.210 ug/ml
17) T Bnezo[k]fluoranthene ...	16.185	13355889	67.520 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	2388931	13.711 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.881	6788794	36.478 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	6788794	36.925 ug/ml
21) T Benzo[g,h,i]perylene ...	18.134	7249386	38.798 ug/ml

(f)=RT Delta > 1/2 Window

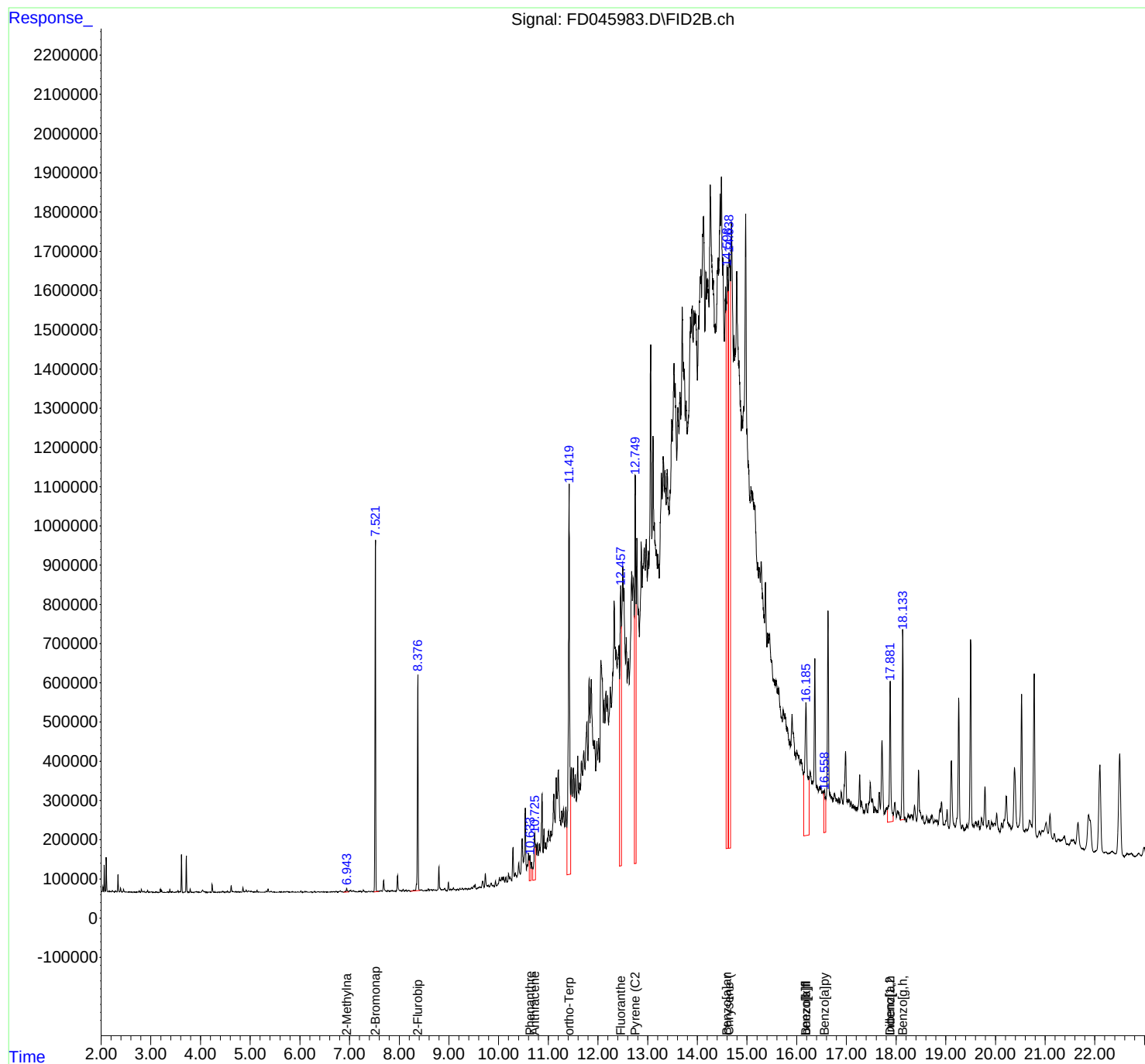
(m)=manual int.

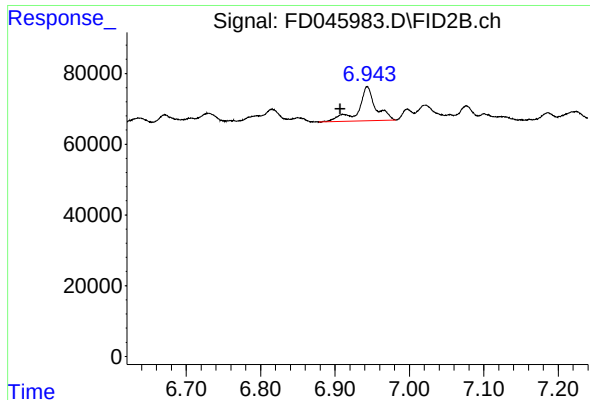
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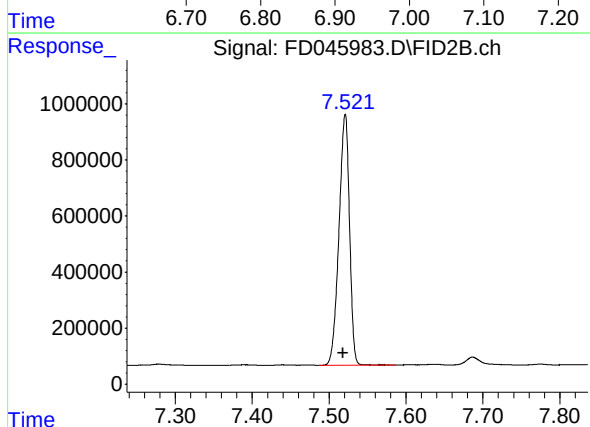




#3 2-Methylnaphthalene (C12.89)

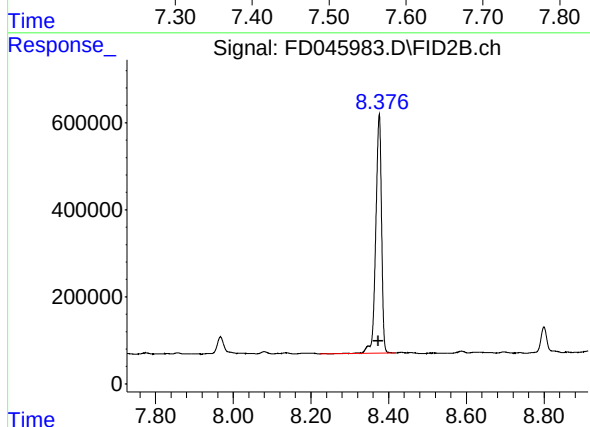
R.T.: 6.944 min
Delta R.T.: 0.036 min
Response: 156103
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



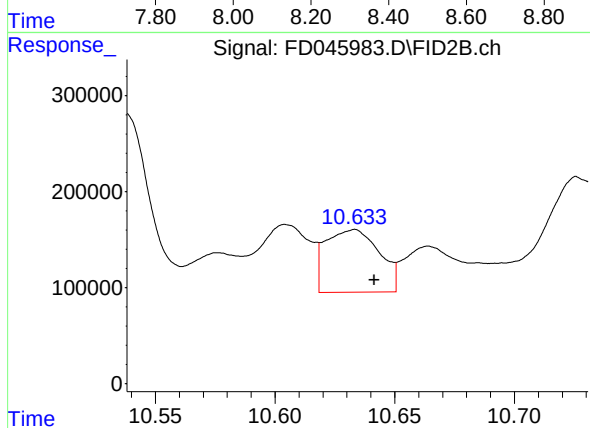
#4 2-Bromonaphthalene (SURR)

R.T.: 7.521 min
Delta R.T.: 0.002 min
Response: 8543428
Conc: 39.64 ug/ml



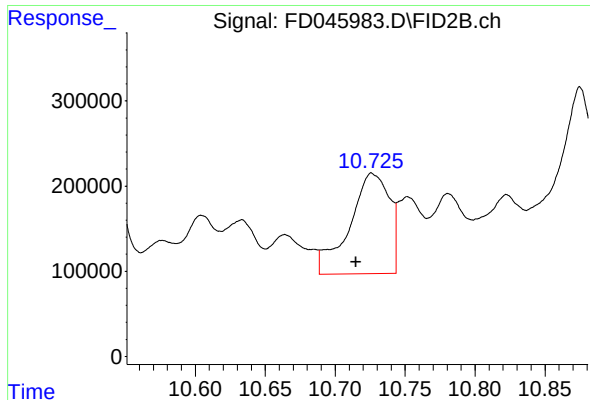
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.375 min
Delta R.T.: 0.002 min
Response: 5674091
Conc: 41.00 ug/ml



#9 Phenanthrene (C19.36)

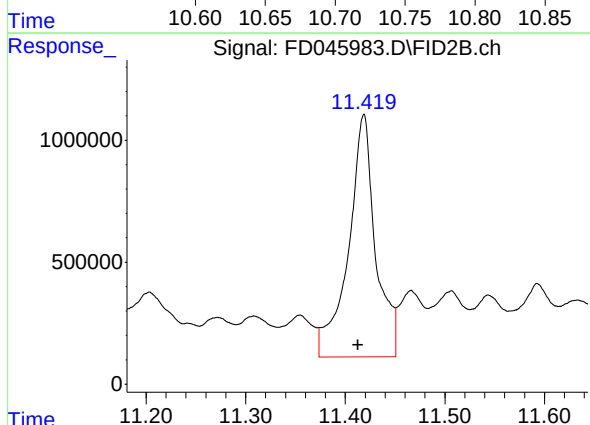
R.T.: 10.632 min
Delta R.T.: -0.009 min
Response: 1015360
Conc: 4.76 ug/ml



#10 Anthracene (C19.43)

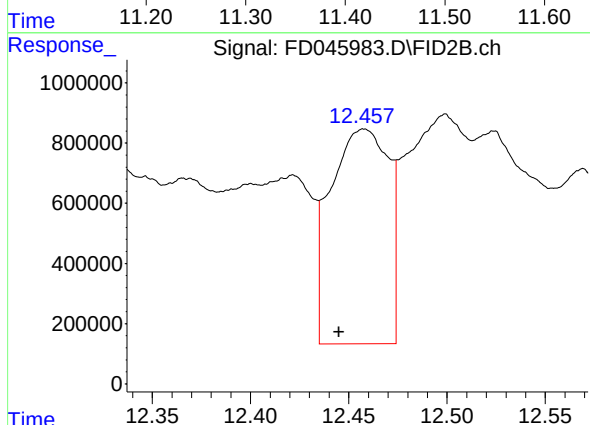
R.T.: 10.727 min
Delta R.T.: 0.012 min
Response: 2347893
Conc: 14.78 ug/ml

Instrument :
FID_D
ClientSampleId :



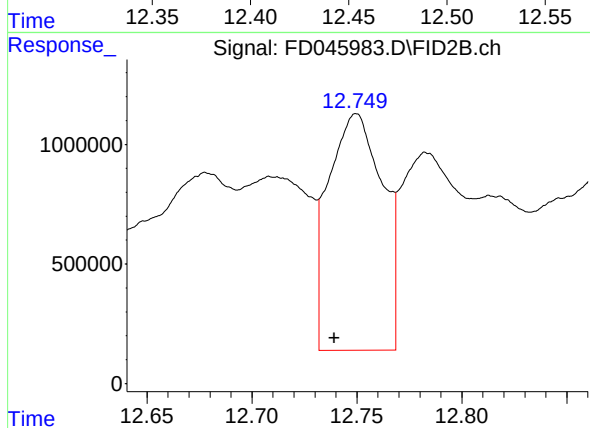
#11 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: 0.005 min
Response: 18824825
Conc: 74.25 ug/ml



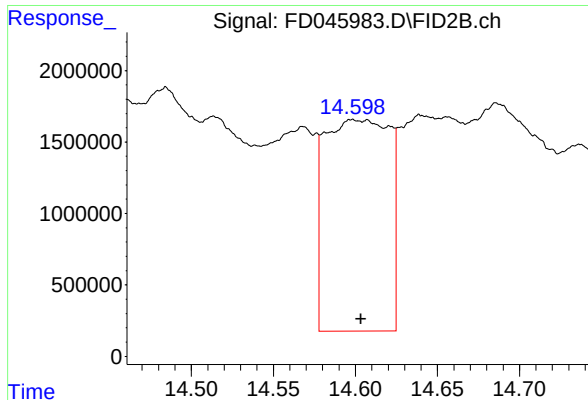
#12 Fluoranthene (C21.85)

R.T.: 12.458 min
Delta R.T.: 0.013 min
Response: 14667829
Conc: 71.67 ug/ml



#13 Pyrene (C20.8)

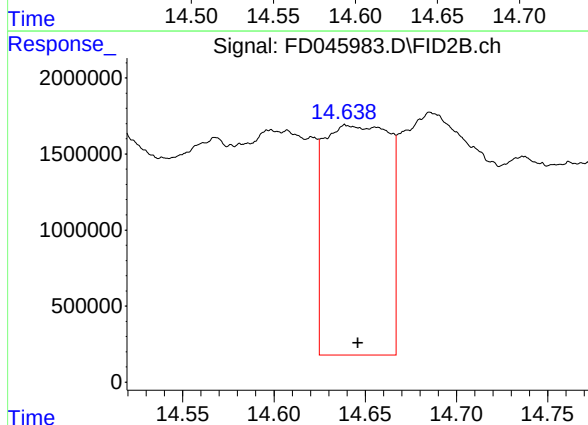
R.T.: 12.749 min
Delta R.T.: 0.010 min
Response: 17731706
Conc: 91.20 ug/ml



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

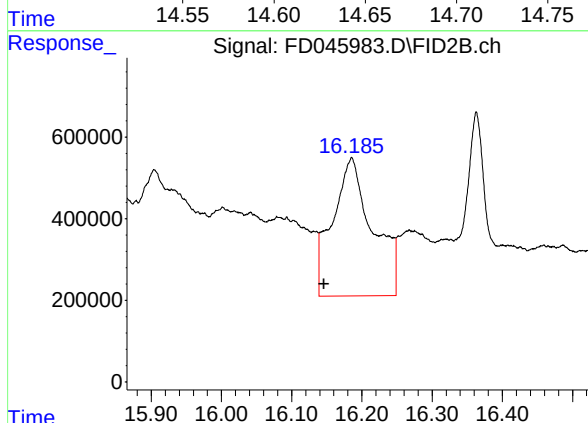
R.T.: 14.599 min
Delta R.T.: -0.004 min
Response: 40383026
Conc: 224.54 ug/ml

Instrument :
FID_D
ClientSampleId :



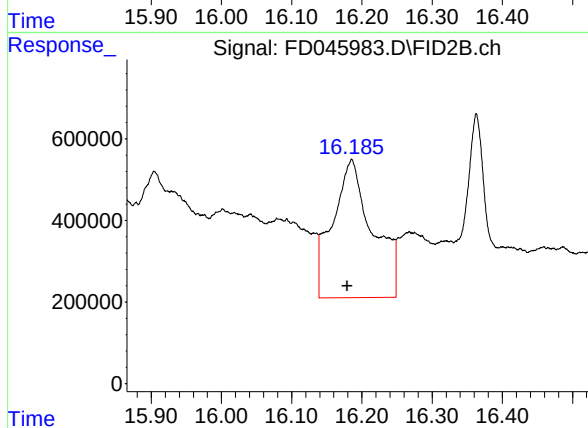
#15 Chrysene (C27.41)

R.T.: 14.641 min
Delta R.T.: -0.005 min
Response: 37363298
Conc: 190.36 ug/ml



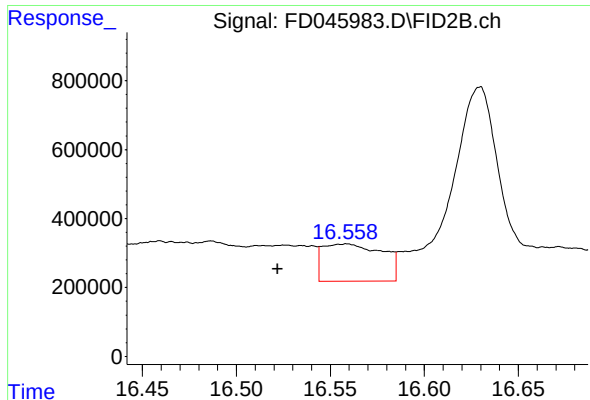
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.185 min
Delta R.T.: 0.040 min
Response: 13355889
Conc: 71.21 ug/ml



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

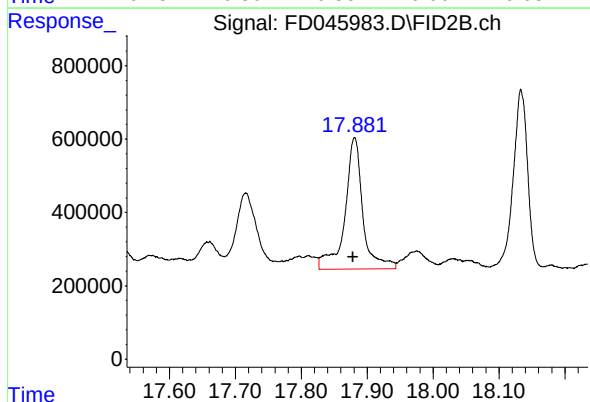
R.T.: 16.185 min
Delta R.T.: 0.006 min
Response: 13355889
Conc: 67.52 ug/ml



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

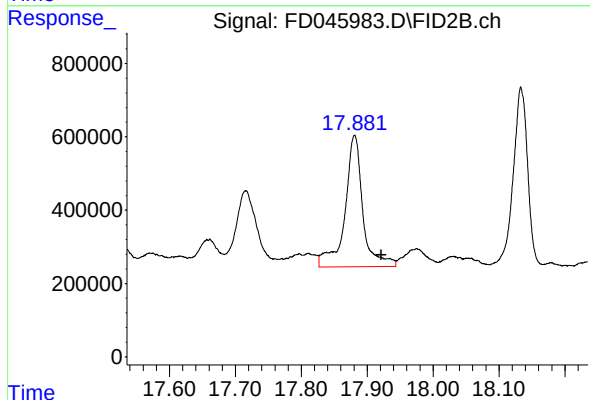
R.T.: 16.558 min
Delta R.T.: 0.036 min
Response: 2388931
Conc: 13.71 ug/ml

Instrument :
FID_D
ClientSampleId :



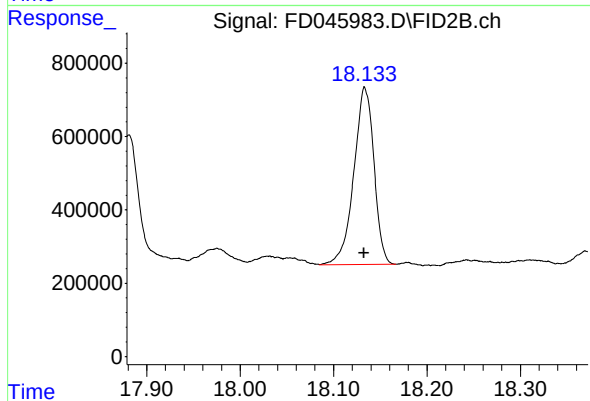
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.881 min
Delta R.T.: 0.002 min
Response: 6788794
Conc: 36.48 ug/ml



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

R.T.: 17.881 min
Delta R.T.: -0.040 min
Response: 6788794
Conc: 36.92 ug/ml



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

R.T.: 18.134 min
Delta R.T.: 0.001 min
Response: 7249386
Conc: 38.80 ug/ml