

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048901.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 12:45
 Operator : YP/AJ
 Sample : P5299-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 21 04:03:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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...	7.359	9429099	55.981 ug/ml
Spiked Amount 50.000		Recovery =	111.96%
6) S 2-Fluorobiphenyl (SURR)	8.209	6138195	59.416 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.83%
11) S ortho-Terphenyl (SURR)	11.245	6955373	39.150 ug/ml
Spiked Amount 50.000		Recovery =	78.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	22992	0.121 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	48341	0.262 ug/ml
5) T Acenaphthylene (C15.06)	8.036	72544	0.389 ug/ml
8) T Flouorene (C16.55)	9.103	41355	0.231 ug/ml
9) T Phenanthrene (C19.36)	10.510	104145	0.624 ug/ml
10) T Anthracene (C19.43)	10.510	104145	0.614 ug/ml
12) T Fluoranthene (C21.85)	12.250	21194	0.129 ug/ml
13) T Pyrene (C20.8)	12.610	50953	0.313 ug/ml
14) T Benzo[a]anthracene (C...	14.509f	45619	0.345 ug/ml
15) T Chrysene (C27.41)	14.509	45619	0.283 ug/ml
16) T benzo[b]fluoranthene ...	15.921f	61638	0.458 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.404	39887	0.288 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	133941	1.257 ug/ml
20) T Dibenz[a,h]anthracene...	17.799	101972	0.703 ug/ml

(f)=RT Delta > 1/2 Window

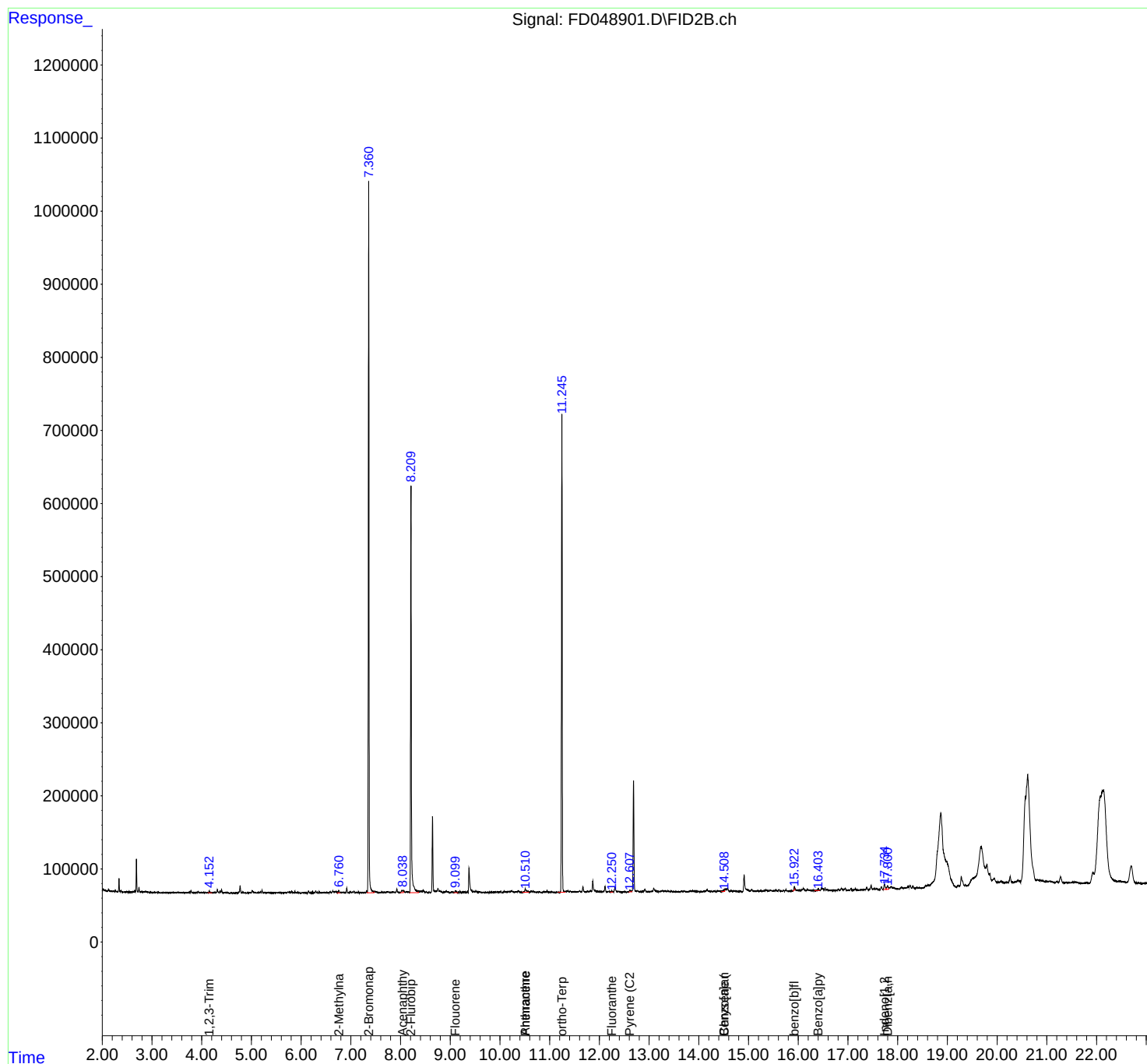
(m)=manual int.

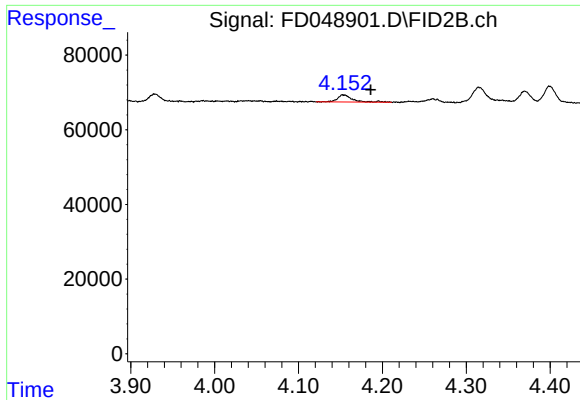
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Signal Info : 20M x 0.18mm x 0.18µm

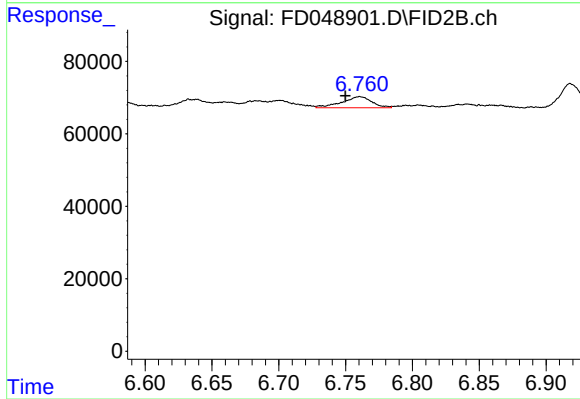




#1 1,2,3-Trimethylbenzene (C10.1)

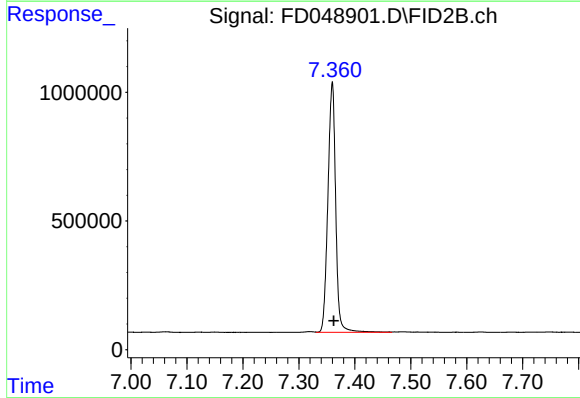
R.T.: 4.154 min
Delta R.T.: -0.032 min
Response: 22992
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



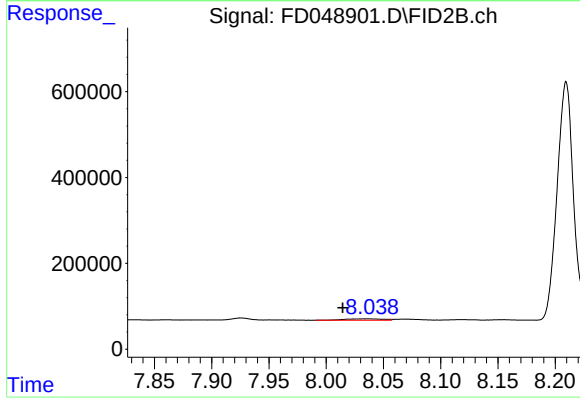
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: 0.011 min
Response: 48341
Conc: 0.26 ug/ml



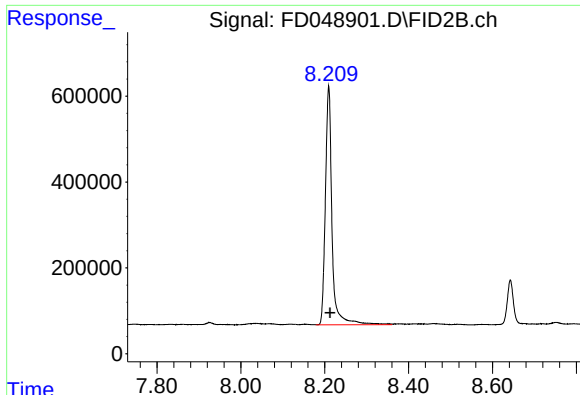
#4 2-Bromonaphthalene (SURR)

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 9429099
Conc: 55.98 ug/ml



#5 Acenaphthylene (C15.06)

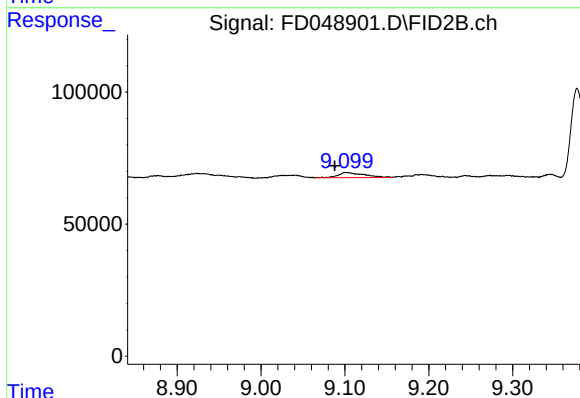
R.T.: 8.036 min
Delta R.T.: 0.022 min
Response: 72544
Conc: 0.39 ug/ml



#6 2-Fluorobiphenyl (SURR)

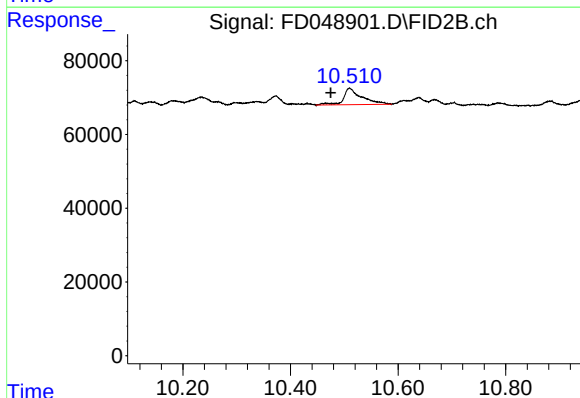
R.T.: 8.209 min
Delta R.T.: -0.004 min
Response: 6138195
Conc: 59.42 ug/ml

Instrument :
FID_D
ClientSampleId :



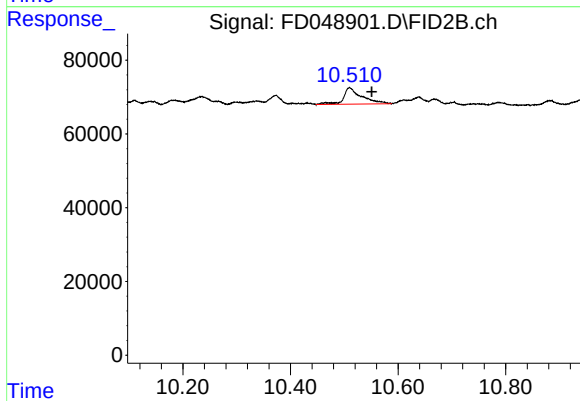
#8 Flouorene (C16.55)

R.T.: 9.103 min
Delta R.T.: 0.015 min
Response: 41355
Conc: 0.23 ug/ml



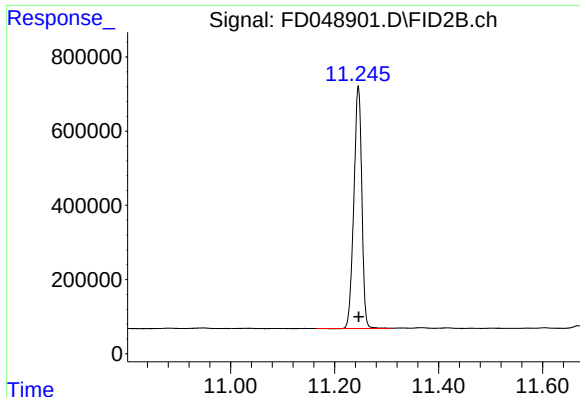
#9 Phenanthrene (C19.36)

R.T.: 10.510 min
Delta R.T.: 0.035 min
Response: 104145
Conc: 0.62 ug/ml



#10 Anthracene (C19.43)

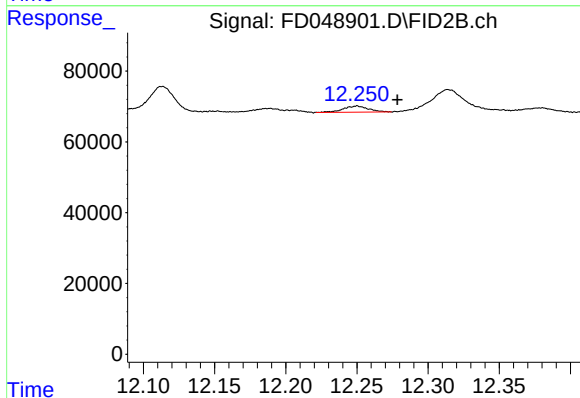
R.T.: 10.510 min
Delta R.T.: -0.041 min
Response: 104145
Conc: 0.61 ug/ml



#11 ortho-Terphenyl (SURR)

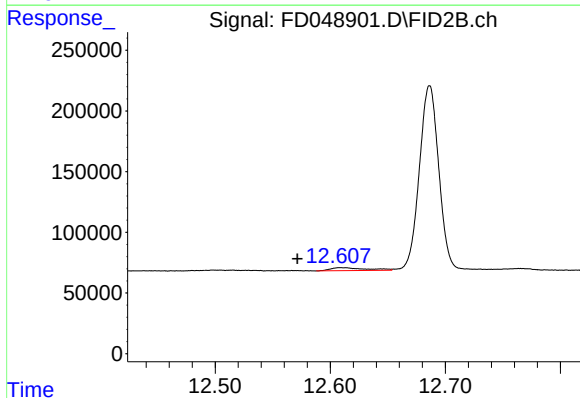
R.T.: 11.245 min
Delta R.T.: -0.001 min
Response: 6955373
Conc: 39.15 ug/ml

Instrument :
FID_D
ClientSampleId :



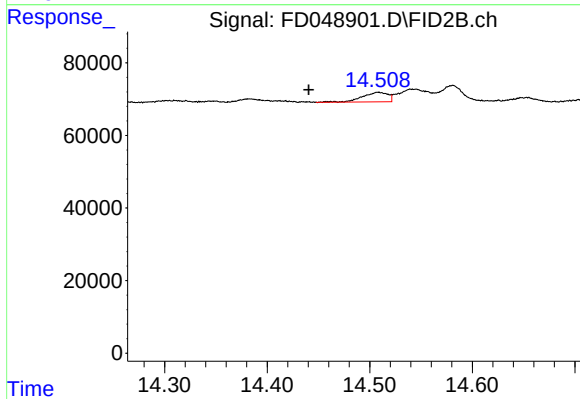
#12 Fluoranthene (C21.85)

R.T.: 12.250 min
Delta R.T.: -0.029 min
Response: 21194
Conc: 0.13 ug/ml



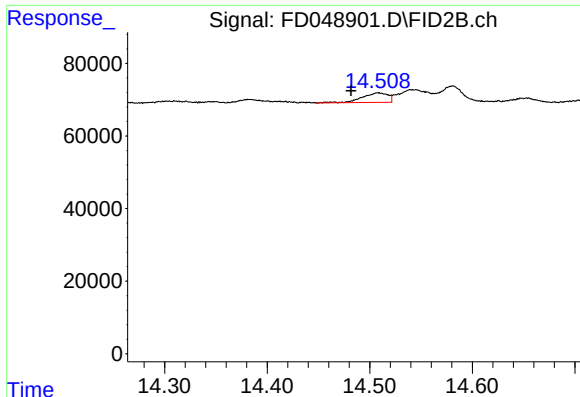
#13 Pyrene (C20.8)

R.T.: 12.610 min
Delta R.T.: 0.039 min
Response: 50953
Conc: 0.31 ug/ml



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

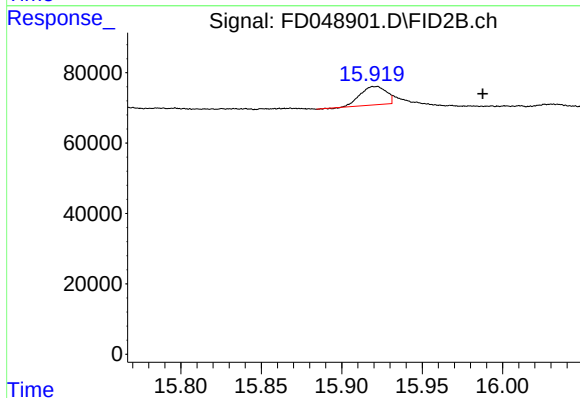
R.T.: 14.509 min
Delta R.T.: 0.068 min
Response: 45619
Conc: 0.35 ug/ml



#15 Chrysene (C27.41)

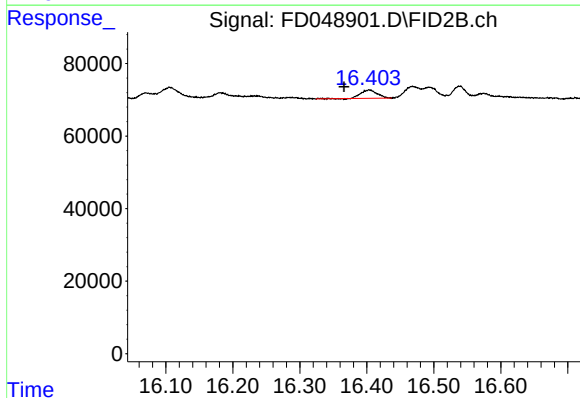
R.T.: 14.509 min
Delta R.T.: 0.027 min
Response: 45619
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



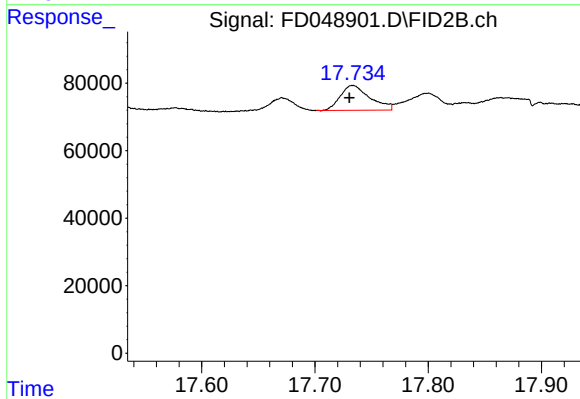
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.921 min
Delta R.T.: -0.067 min
Response: 61638
Conc: 0.46 ug/ml



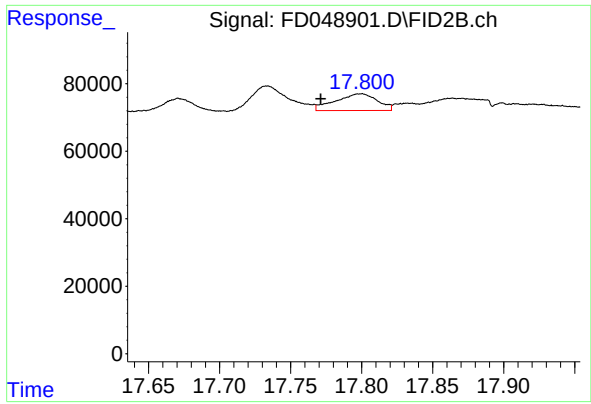
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.404 min
Delta R.T.: 0.037 min
Response: 39887
Conc: 0.29 ug/ml



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

R.T.: 17.733 min
Delta R.T.: 0.003 min
Response: 133941
Conc: 1.26 ug/ml



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

R.T.: 17.799 min
Delta R.T.: 0.028 min
Response: 101972
Conc: 0.70 ug/ml

Instrument :
FID_D
ClientSampleId :