

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048181.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2024 05:43
 Operator : YP/AJ
 Sample : P3479-08
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 06:47:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.401	8855723	59.584 ug/ml
Spiked Amount 50.000		Recovery =	119.17%
6) S 2-Fluorobiphenyl (SURR)	8.251	5578190	58.941 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.88%
11) S ortho-Terphenyl (SURR)	11.287	4884837	29.195 ug/ml
Spiked Amount 50.000		Recovery =	58.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	20029	0.120 ug/ml
3) T 2-Methylnaphthalene (...)	6.801	51141	0.295 ug/ml
7) T Acenaphthene (C15.5)	8.310	109002	0.628 ug/ml
8) T Flouorene (C16.55)	9.143	48038	0.296 ug/ml
12) T Fluoranthene (C21.85)	12.322	114827	0.725 ug/ml
13) T Pyrene (C20.8)	12.615	76356	0.483 ug/ml
14) T Benzo[a]anthracene (C...	14.488	26748	0.196 ug/ml
15) T Chrysene (C27.41)	14.529	81648	0.506 ug/ml
16) T benzo[b]fluoranthene ...	16.032	120523	0.837 ug/ml
17) T Bnezo[k]fluoranthene ...	16.067	54344	0.364 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.437	23682	0.167 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.811	149786	1.328 ug/ml
20) T Dibenz[a,h]anthracene...	17.841	177891	1.224 ug/ml
21) T Benzo[g,h,i]perylene ...	18.023	54056	0.367 ug/ml

(f)=RT Delta > 1/2 Window

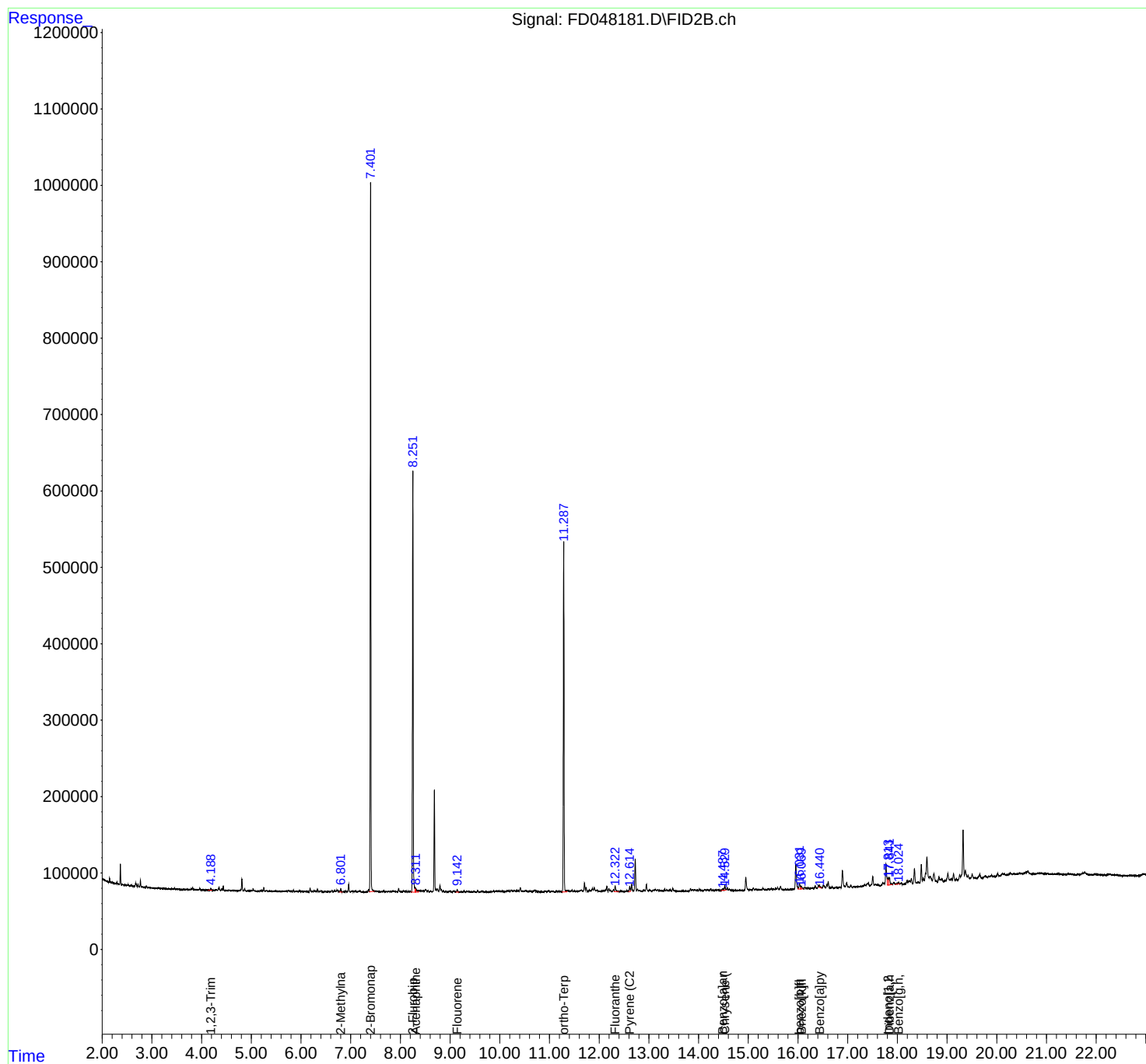
(m)=manual int.

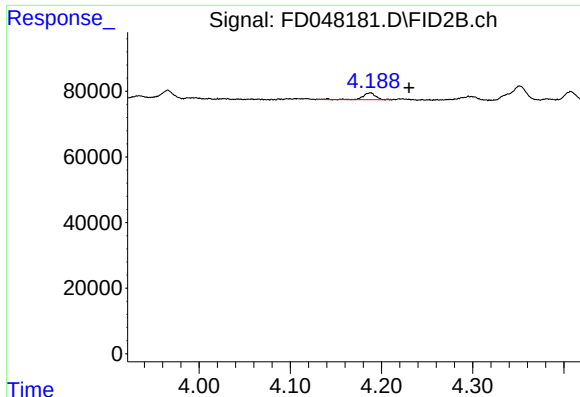
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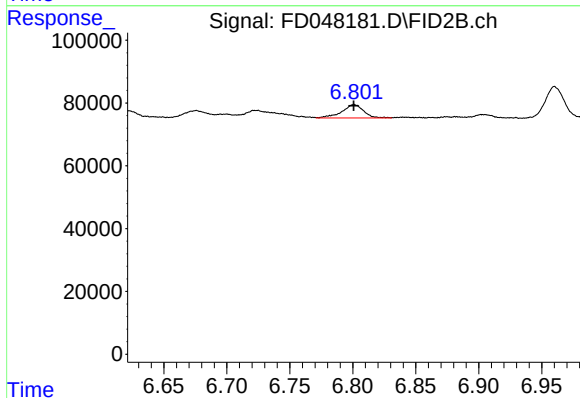




#1 1,2,3-Trimethylbenzene (C10.1)

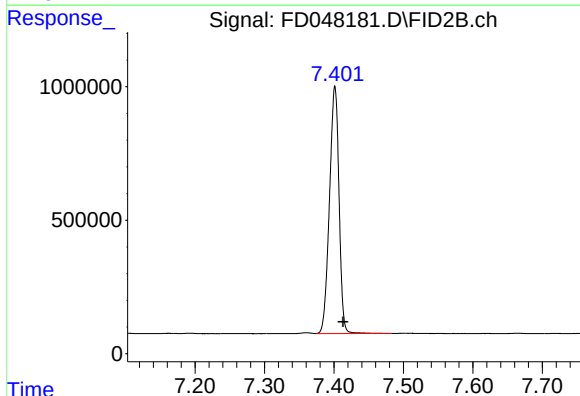
R.T.: 4.187 min
Delta R.T.: -0.043 min
Response: 20029
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



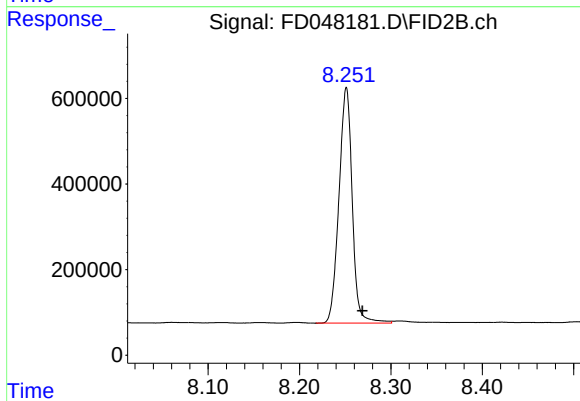
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 51141
Conc: 0.29 ug/ml



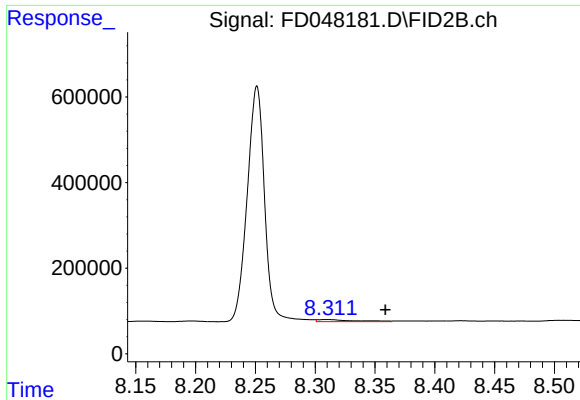
#4 2-Bromonaphthalene (SURR)

R.T.: 7.401 min
Delta R.T.: -0.012 min
Response: 8855723
Conc: 59.58 ug/ml



#6 2-Fluorobiphenyl (SURR)

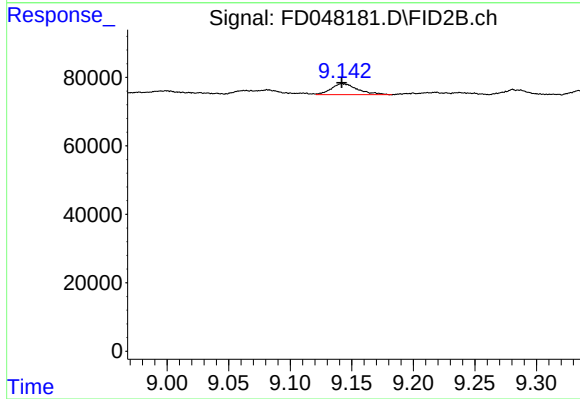
R.T.: 8.251 min
Delta R.T.: -0.018 min
Response: 5578190
Conc: 58.94 ug/ml



#7 Acenaphthene (C15.5)

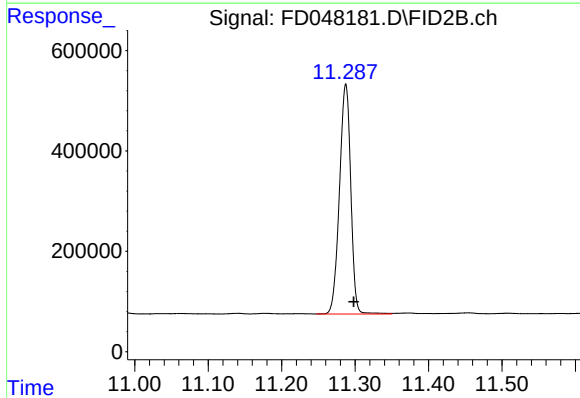
R.T.: 8.310 min
Delta R.T.: -0.049 min
Response: 109002
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :



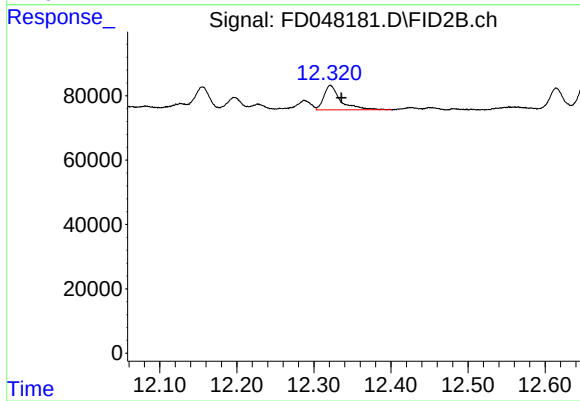
#8 Flouorene (C16.55)

R.T.: 9.143 min
Delta R.T.: 0.001 min
Response: 48038
Conc: 0.30 ug/ml



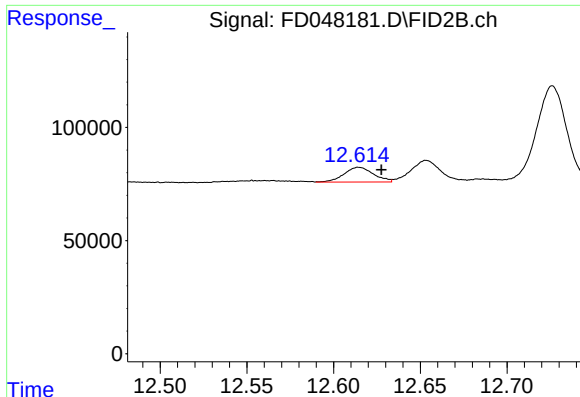
#11 ortho-Terphenyl (SURR)

R.T.: 11.287 min
Delta R.T.: -0.011 min
Response: 4884837
Conc: 29.19 ug/ml



#12 Fluoranthene (C21.85)

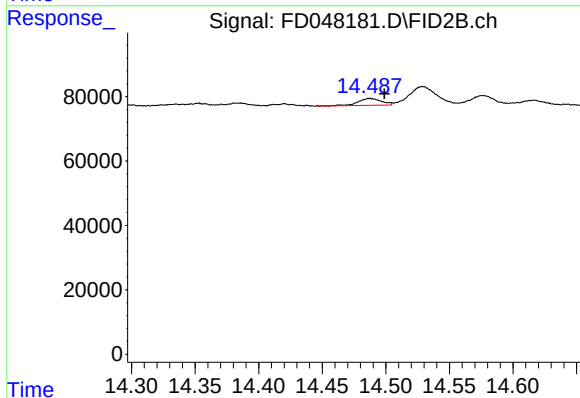
R.T.: 12.322 min
Delta R.T.: -0.014 min
Response: 114827
Conc: 0.73 ug/ml



#13 Pyrene (C20.8)

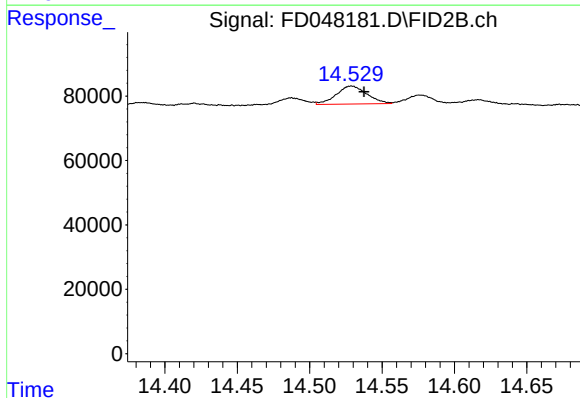
R.T.: 12.615 min
Delta R.T.: -0.013 min
Response: 76356
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



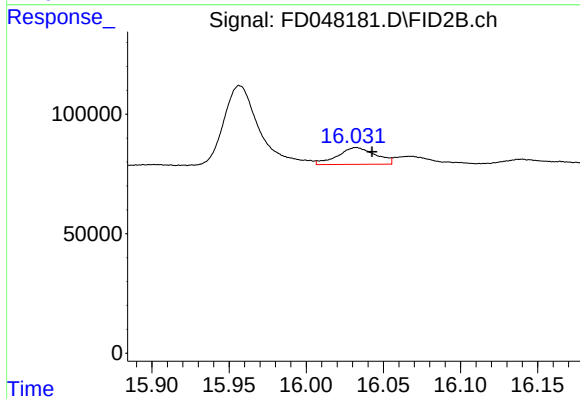
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.488 min
Delta R.T.: -0.011 min
Response: 26748
Conc: 0.20 ug/ml



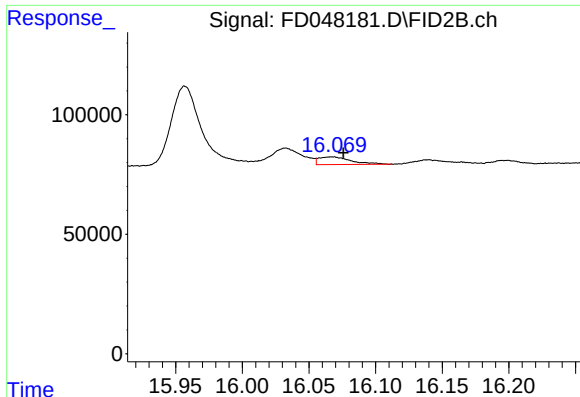
#15 Chrysene (C27.41)

R.T.: 14.529 min
Delta R.T.: -0.008 min
Response: 81648
Conc: 0.51 ug/ml



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

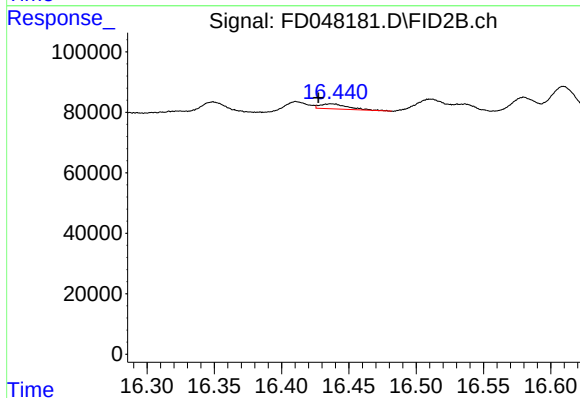
R.T.: 16.032 min
Delta R.T.: -0.010 min
Response: 120523
Conc: 0.84 ug/ml



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

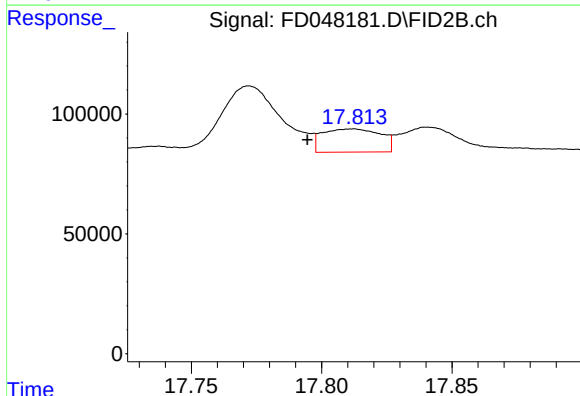
R.T.: 16.067 min
Delta R.T.: -0.009 min
Response: 54344
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



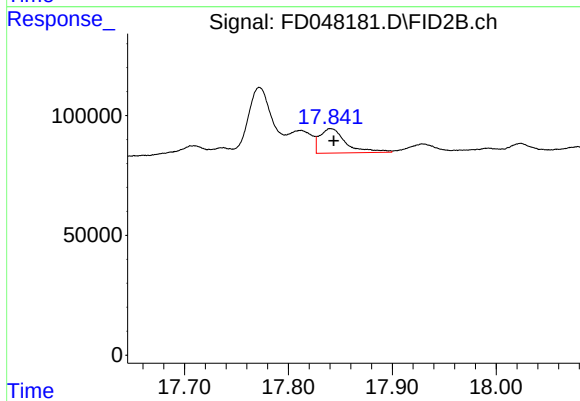
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.437 min
Delta R.T.: 0.009 min
Response: 23682
Conc: 0.17 ug/ml



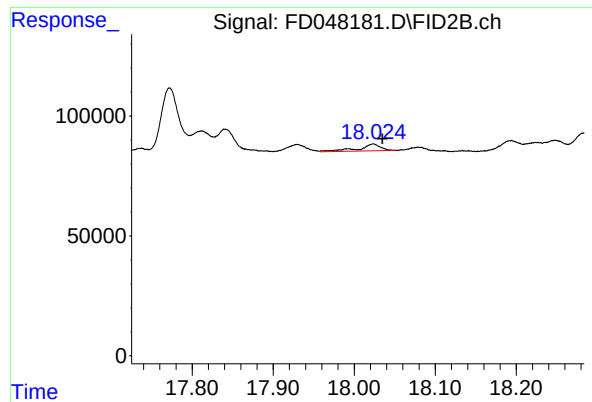
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.811 min
Delta R.T.: 0.017 min
Response: 149786
Conc: 1.33 ug/ml



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

R.T.: 17.841 min
Delta R.T.: -0.003 min
Response: 177891
Conc: 1.22 ug/ml



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

R.T.: 18.023 min
Delta R.T.: -0.011 min
Response: 54056
Conc: 0.37 ug/ml

Instrument :

FID_D

ClientSampleId :