

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022724AR\
 Data File : FD047338.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 11:36
 Operator : YP/AJ
 Sample : P1538-10
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 28 01:54:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.464	6713441	44.097 ug/ml
Spiked Amount 50.000		Recovery =	88.19%
6) S 2-Fluorobiphenyl (SURR)	8.316	4241734	41.964 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.93%
11) S ortho-Terphenyl (SURR)	11.353	5582759	31.654 ug/ml
Spiked Amount 50.000		Recovery =	63.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	16349	0.104 ug/ml
2) T Naphthalene (C11.7)	5.810	31530	0.190 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	68764	0.408 ug/ml
5) T Acenaphthylene (C15.06)	8.123	39850	0.259 ug/ml
7) T Acenaphthene (C15.5)	8.375	33836	0.205 ug/ml
8) T Fluorene (C16.55)	9.206	38780	0.245 ug/ml
12) T Fluoranthene (C21.85)	12.387	32579	0.210 ug/ml
13) T Pyrene (C20.8)	12.679	43679	0.290 ug/ml
14) T Benzo[a]anthracene (C...	14.590	21864	0.163 ug/ml
15) T Chrysene (C27.41)	14.590	21864	0.149 ug/ml
16) T benzo[b]fluoranthene ...	16.093	20091	0.146 ug/ml
17) T Bnezo[k]fluoranthene ...	16.093	20091	0.145 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	116904	0.926 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	94939	0.713 ug/ml

(f)=RT Delta > 1/2 Window

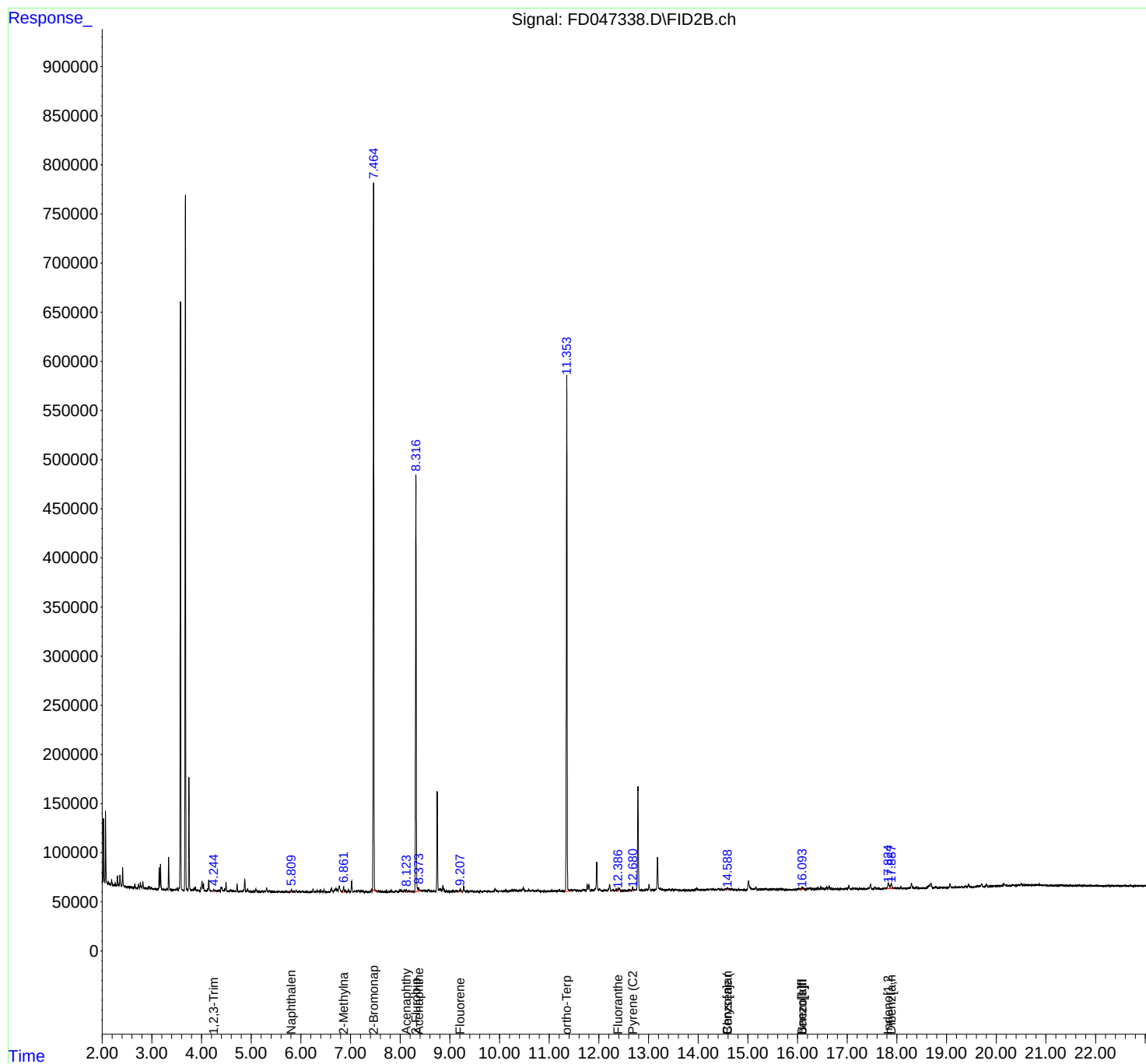
(m)=manual int.

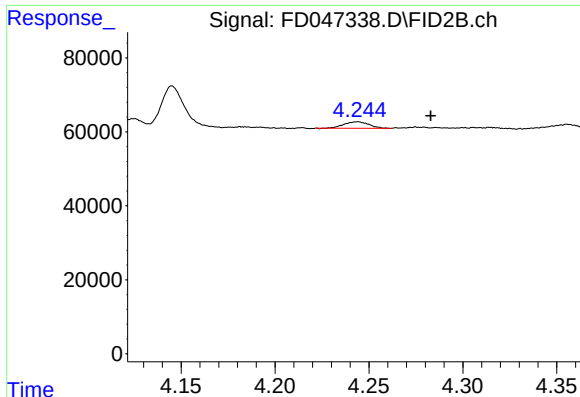
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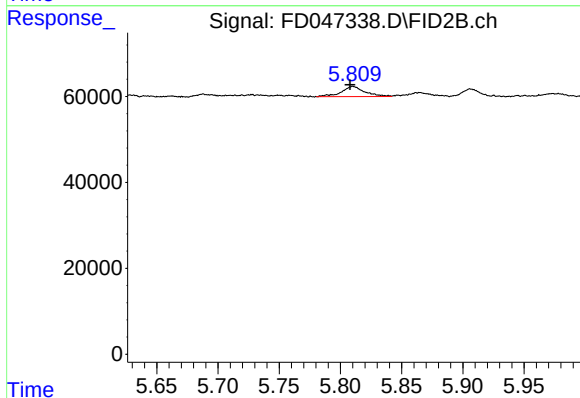




#1 1,2,3-Trimethylbenzene (C10.1)

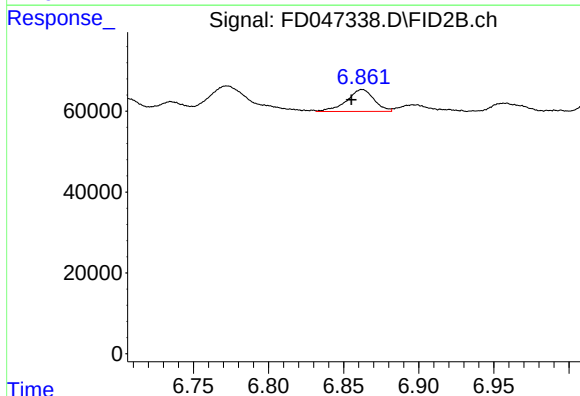
R.T.: 4.244 min
Delta R.T.: -0.039 min
Response: 16349
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



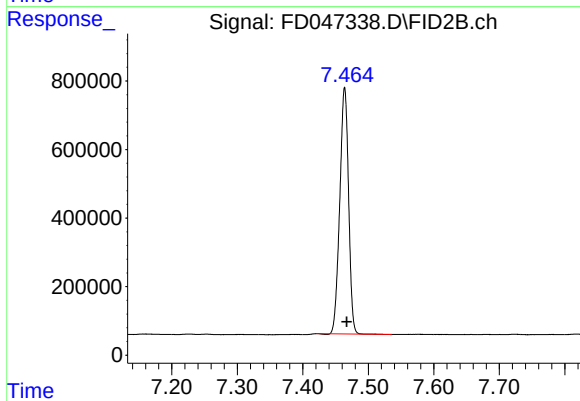
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.002 min
Response: 31530
Conc: 0.19 ug/ml



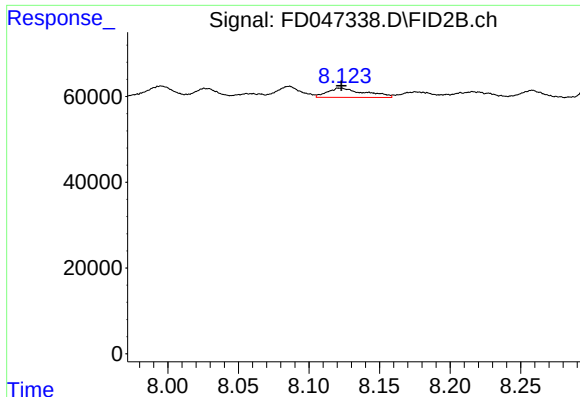
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: 0.007 min
Response: 68764
Conc: 0.41 ug/ml



#4 2-Bromonaphthalene (SURR)

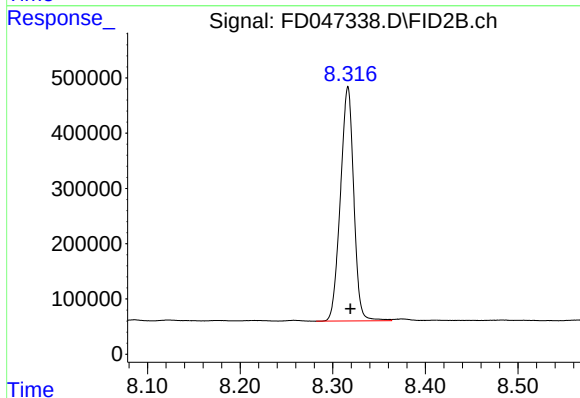
R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 6713441
Conc: 44.10 ug/ml



#5 Acenaphthylene (C15.06)

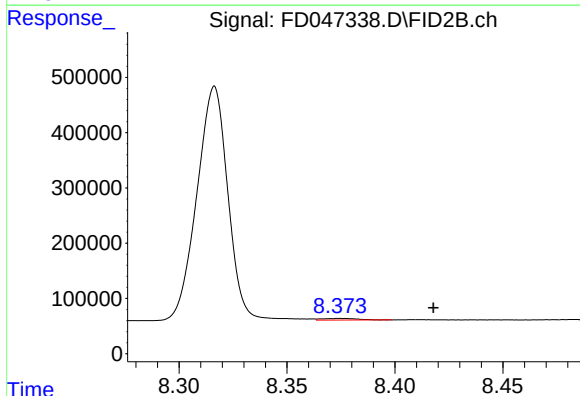
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 39850
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



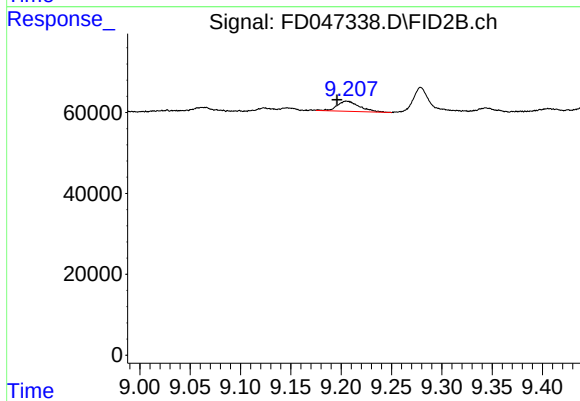
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 4241734
Conc: 41.96 ug/ml



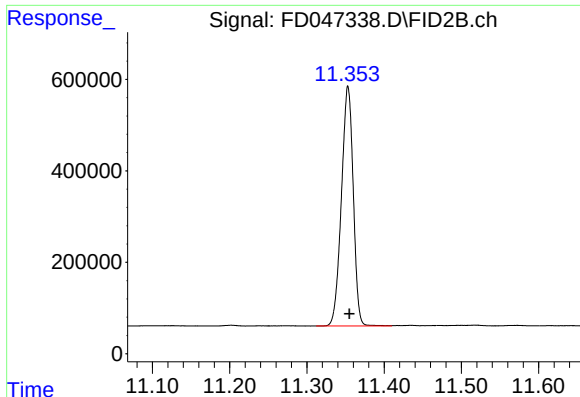
#7 Acenaphthene (C15.5)

R.T.: 8.375 min
Delta R.T.: -0.043 min
Response: 33836
Conc: 0.21 ug/ml



#8 Flouorene (C16.55)

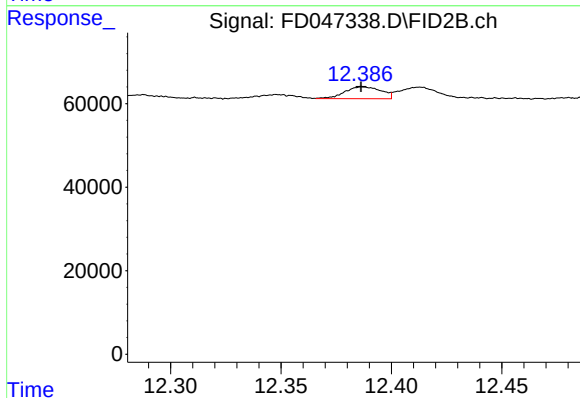
R.T.: 9.206 min
Delta R.T.: 0.010 min
Response: 38780
Conc: 0.24 ug/ml



#11 ortho-Terphenyl (SURR)

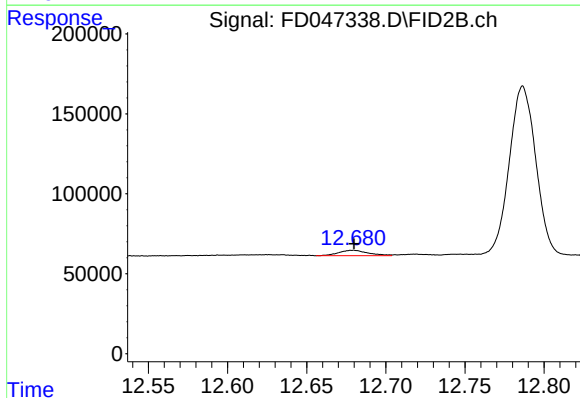
R.T.: 11.353 min
Delta R.T.: -0.002 min
Response: 5582759
Conc: 31.65 ug/ml

Instrument :
FID_D
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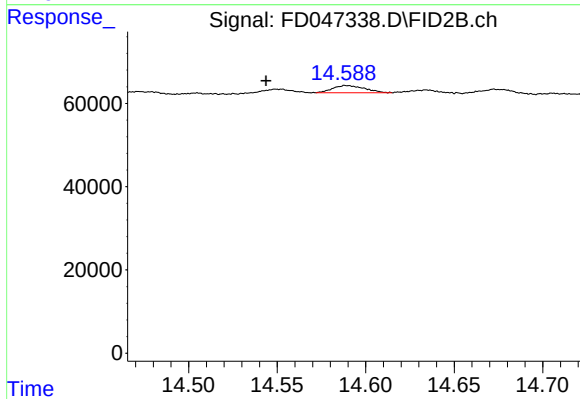
#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.001 min
Response: 32579
Conc: 0.21 ug/ml



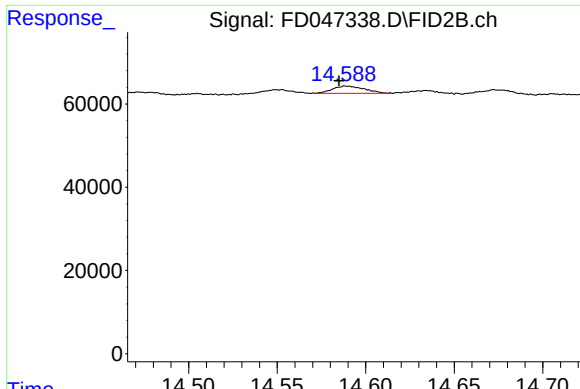
#13 Pyrene (C20.8)

R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 43679
Conc: 0.29 ug/ml



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

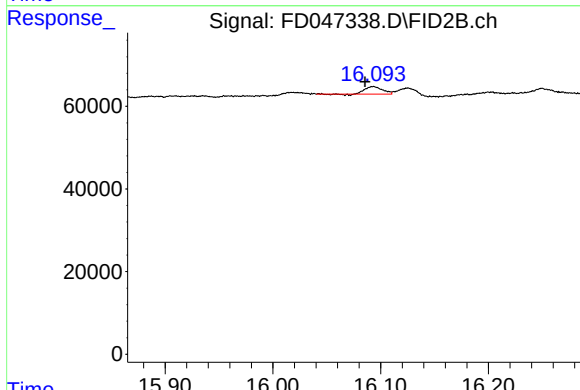
R.T.: 14.590 min
Delta R.T.: 0.046 min
Response: 21864
Conc: 0.16 ug/ml



#15 Chrysene (C27.41)

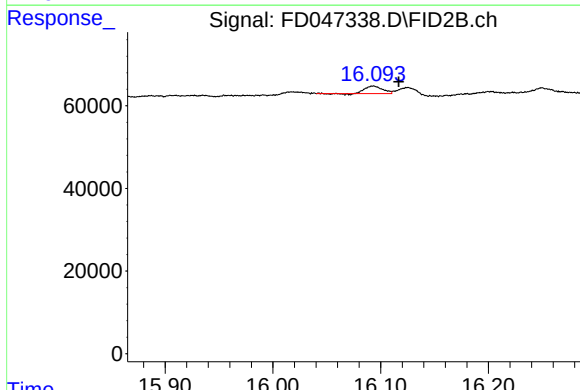
R.T.: 14.590 min
Delta R.T.: 0.005 min
Response: 21864
Conc: 0.15 ug/ml

Instrument :
FID_D
ClientSampleId :



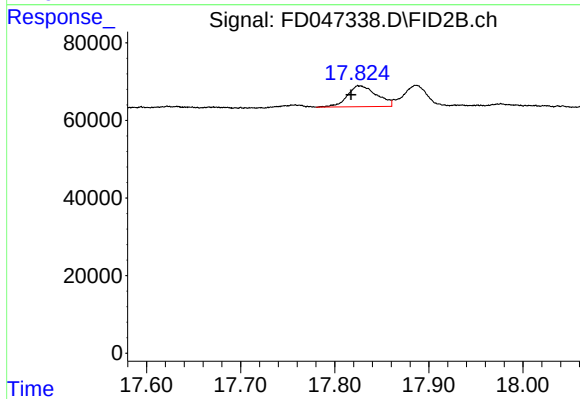
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.093 min
Delta R.T.: 0.007 min
Response: 20091
Conc: 0.15 ug/ml



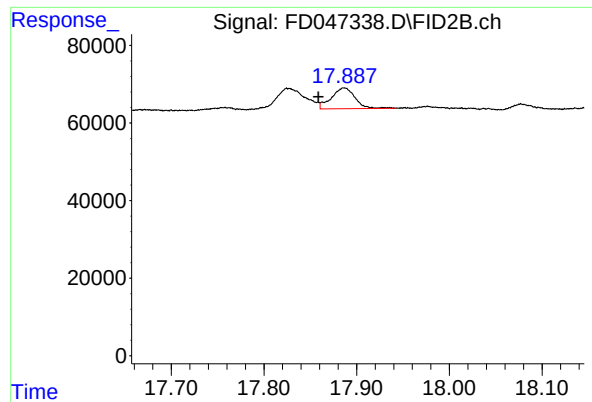
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.093 min
Delta R.T.: -0.024 min
Response: 20091
Conc: 0.14 ug/ml



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

R.T.: 17.827 min
Delta R.T.: 0.009 min
Response: 116904
Conc: 0.93 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.028 min
Response: 94939
Conc: 0.71 ug/ml

Instrument :
FID_D
ClientSampleId :