

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042222AR\
 Data File : FD042053.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2022 23:08
 Operator : UA/NP
 Sample : N2428-05
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 23 00:03:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.332	7618835	54.355 ug/ml
Spiked Amount 50.000		Recovery =	108.71%
6) S 2-Fluorobiphenyl (SURR)	8.214	628199	8.817 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.63%
11) S ortho-Terphenyl (SURR)	11.214	7960394	45.926 ug/ml
Spiked Amount 50.000		Recovery =	91.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	360647	2.317 ug/ml
2) T Naphthalene (C11.7)	5.713	74244	0.471 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	5015438	34.684 ug/ml
5) T Acenaphthylene (C15.06)	7.977	9267421	56.233 ug/ml
7) T Acenaphthene (C15.5)	8.272	1269590	6.762 ug/ml
8) T Fluorene (C16.55)	9.082	2575629	16.910 ug/ml
9) T Phenanthrene (C19.36)	10.444	1587402	10.690 ug/ml
10) T Anthracene (C19.43)	10.537	1332578	7.960 ug/ml
12) T Fluoranthene (C21.85)	12.247	1693875	10.799 ug/ml
13) T Pyrene (C20.8)	12.539	1001285	6.139 ug/ml
14) T Benzo[a]anthracene (C...	14.489f	69801	0.584 ug/ml
15) T Chrysene (C27.41)	14.489	69801	0.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	33023	0.331 ug/ml
20) T Dibenz[a,h]anthracene...	17.748	33023	0.210 ug/ml

(f)=RT Delta > 1/2 Window

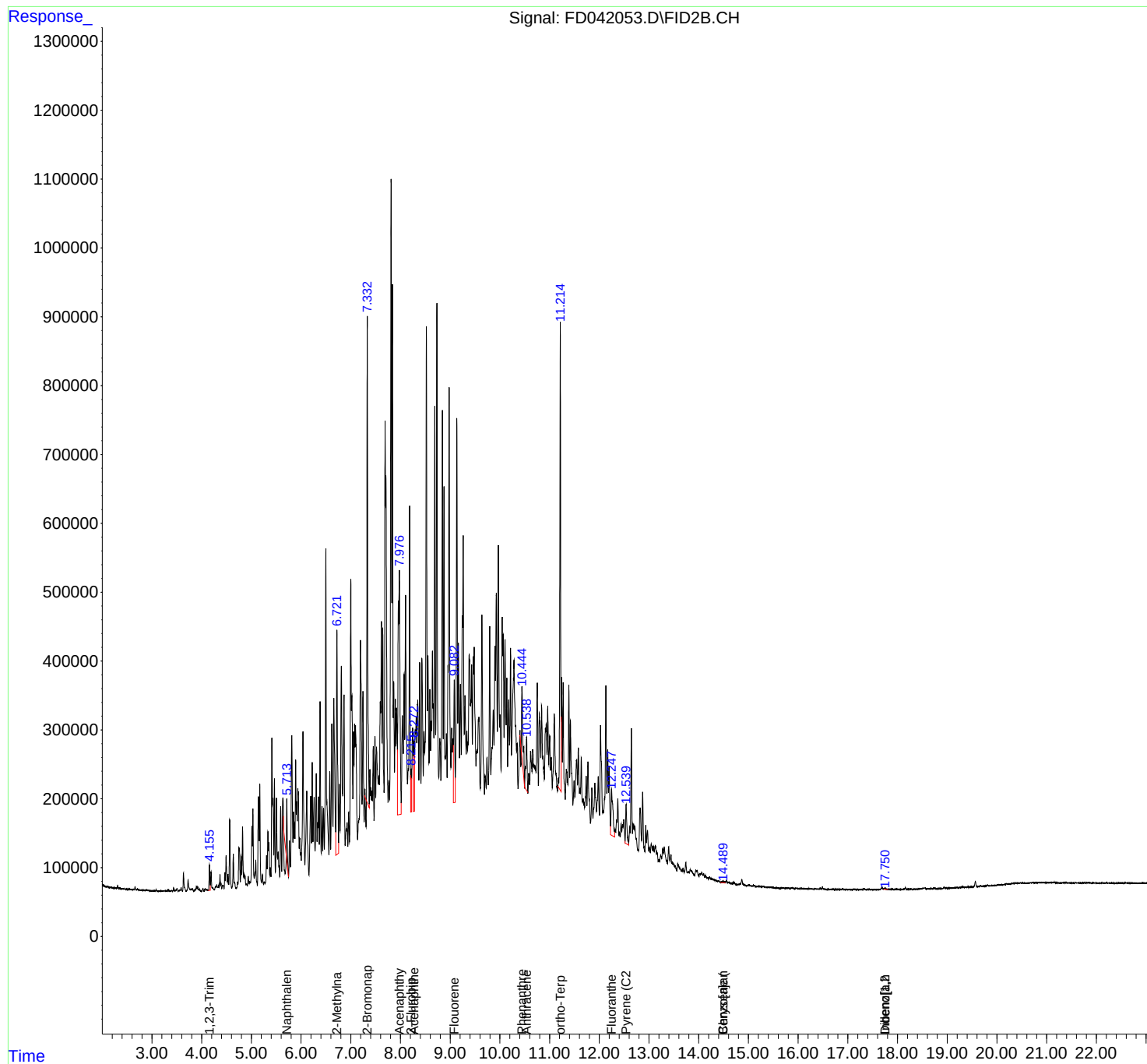
(m)=manual int.

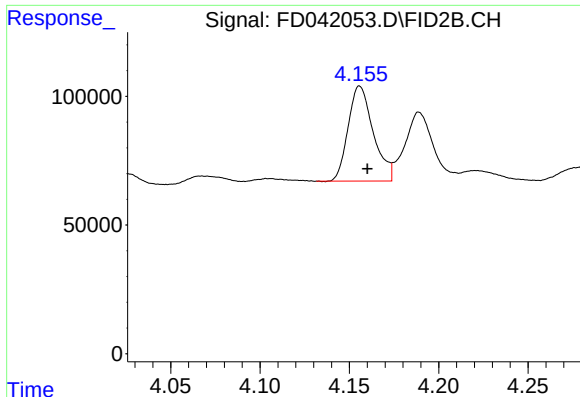
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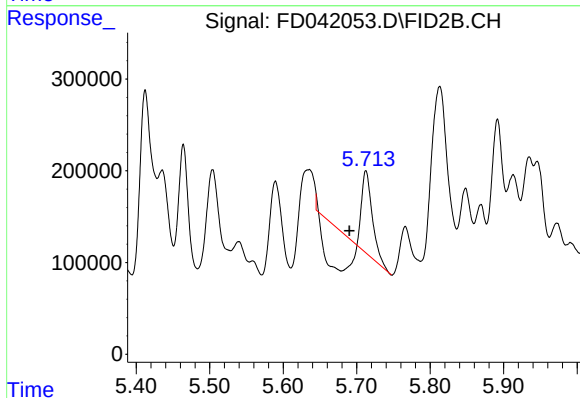




#1 1,2,3-Trimethylbenzene (C10.1)

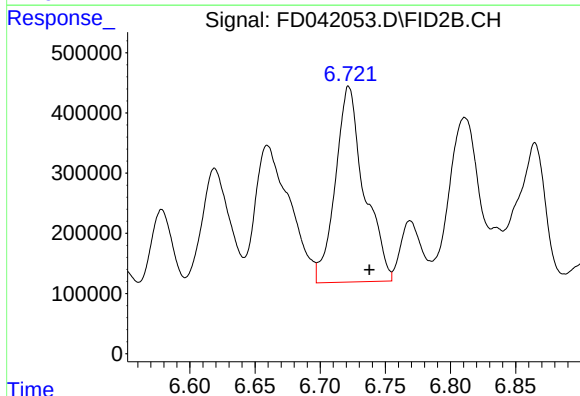
R.T.: 4.156 min
Delta R.T.: -0.004 min
Response: 360647
Conc: 2.32 ug/ml

Instrument :
FID_D
ClientSampleId :



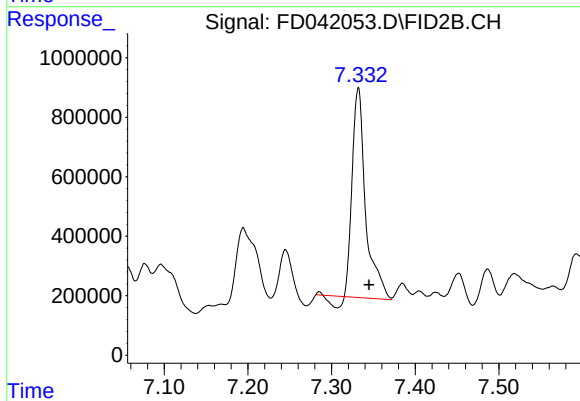
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: 0.023 min
Response: 74244
Conc: 0.47 ug/ml



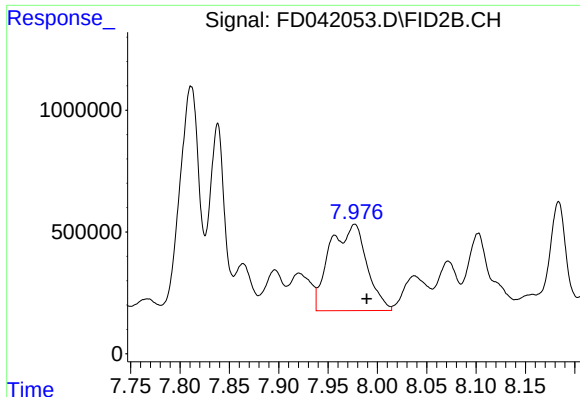
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.016 min
Response: 5015438
Conc: 34.68 ug/ml



#4 2-Bromonaphthalene (SURR)

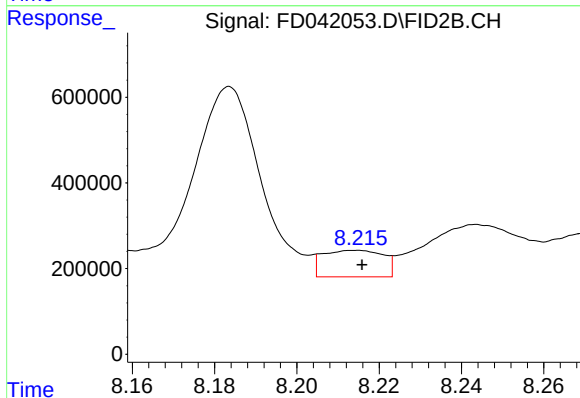
R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 7618835
Conc: 54.36 ug/ml



#5 Acenaphthylene (C15.06)

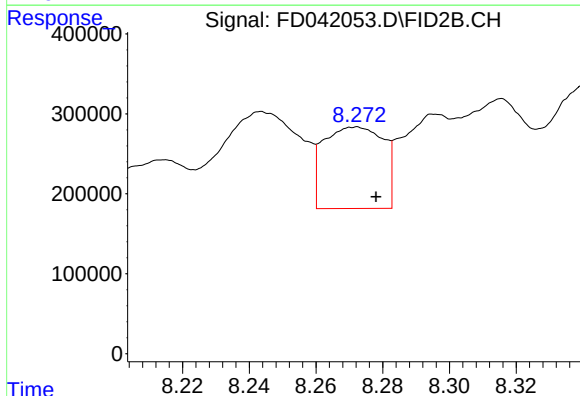
R.T.: 7.977 min
Delta R.T.: -0.012 min
Response: 9267421
Conc: 56.23 ug/ml

Instrument :
FID_D
ClientSampleId :



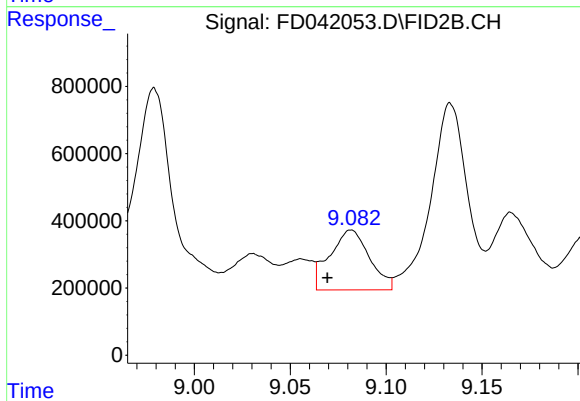
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.002 min
Response: 628199
Conc: 8.82 ug/ml



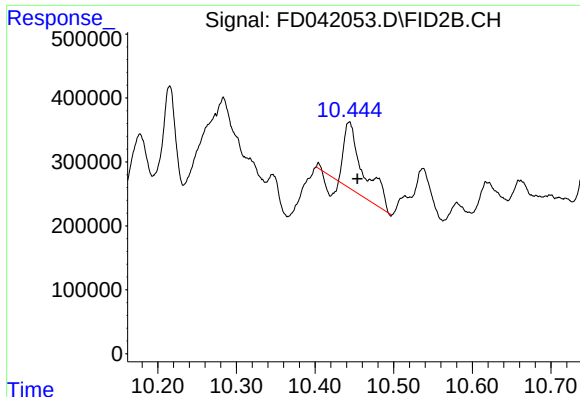
#7 Acenaphthene (C15.5)

R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 1269590
Conc: 6.76 ug/ml



#8 Fluorene (C16.55)

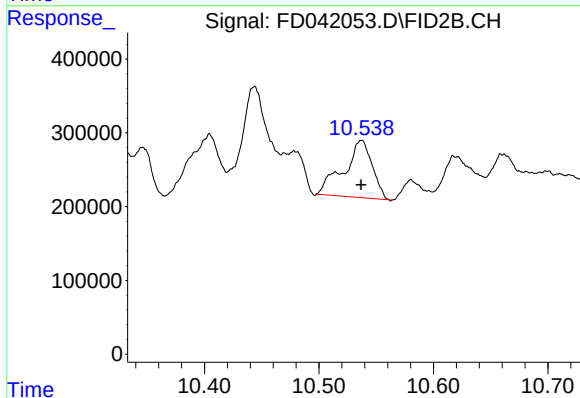
R.T.: 9.082 min
Delta R.T.: 0.012 min
Response: 2575629
Conc: 16.91 ug/ml



#9 Phenanthrene (C19.36)

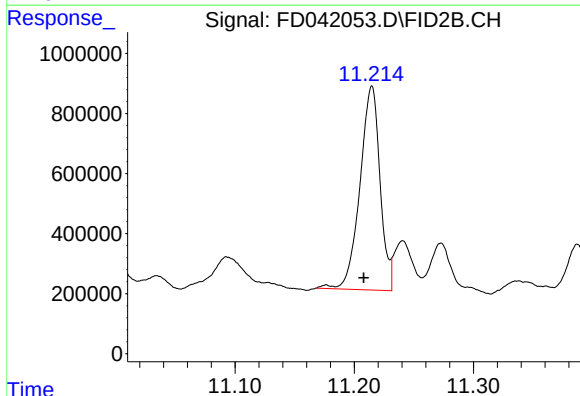
R.T.: 10.444 min
Delta R.T.: -0.010 min
Response: 1587402
Conc: 10.69 ug/ml

Instrument :
FID_D
ClientSampleId :



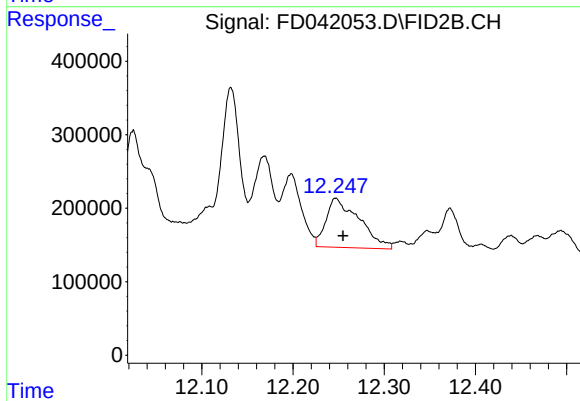
#10 Anthracene (C19.43)

R.T.: 10.537 min
Delta R.T.: 0.000 min
Response: 1332578
Conc: 7.96 ug/ml



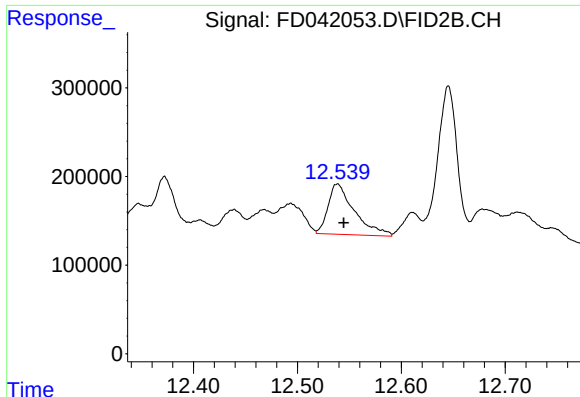
#11 ortho-Terphenyl (SURR)

R.T.: 11.214 min
Delta R.T.: 0.006 min
Response: 7960394
Conc: 45.93 ug/ml



#12 Fluoranthene (C21.85)

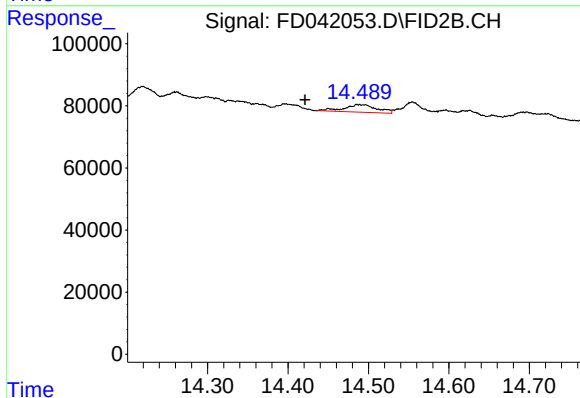
R.T.: 12.247 min
Delta R.T.: -0.008 min
Response: 1693875
Conc: 10.80 ug/ml



#13 Pyrene (C20.8)

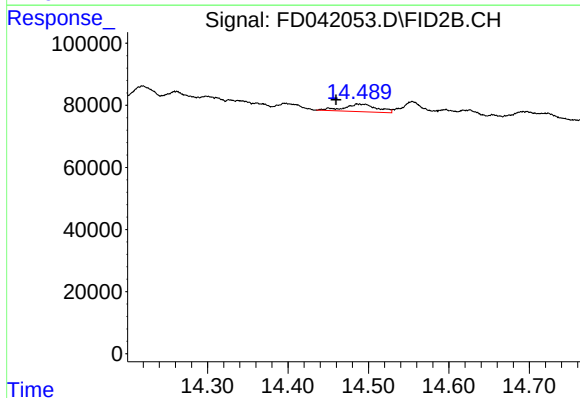
R.T.: 12.539 min
Delta R.T.: -0.006 min
Response: 1001285
Conc: 6.14 ug/ml

Instrument :
FID_D
ClientSampleId :



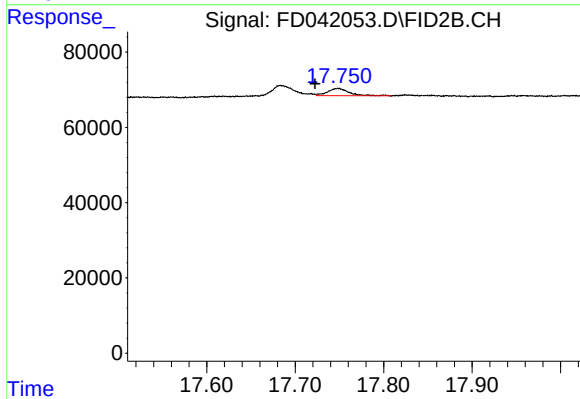
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.489 min
Delta R.T.: 0.067 min
Response: 69801
Conc: 0.58 ug/ml



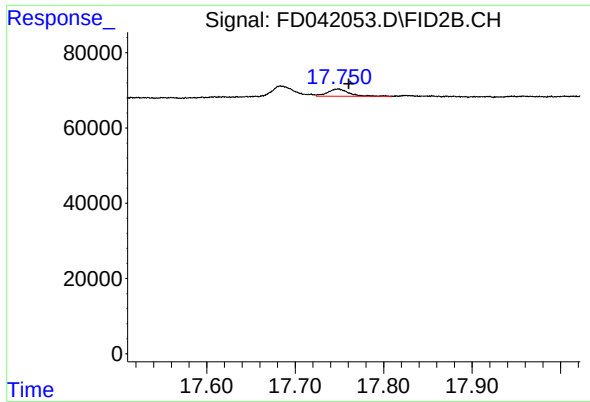
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: 0.029 min
Response: 69801
Conc: 0.38 ug/ml



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

R.T.: 17.748 min
Delta R.T.: 0.026 min
Response: 33023
Conc: 0.33 ug/ml



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

R.T.: 17.748 min
Delta R.T.: -0.012 min
Response: 33023
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :