

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120922AR\
 Data File : FD044623.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2022 19:30
 Operator : YP/AJ
 Sample : N5912-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 11 04:01:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.682	9811761	75.603 ug/ml
Spiked Amount 50.000		Recovery =	151.21%
6) S 2-Fluorobiphenyl (SURR)	8.539	6580605	74.511 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	149.02%#
11) S ortho-Terphenyl (SURR)	11.566	6370316	39.143 ug/ml
Spiked Amount 50.000		Recovery =	78.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	494619	3.466 ug/ml
2) T Naphthalene (C11.7)	6.026	204167	1.358 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	619896	4.103 ug/ml
5) T Acenaphthylene (C15.06)	8.361	167784	1.207 ug/ml
7) T Acenaphthene (C15.5)	8.676	80026	0.545 ug/ml
9) T Phenanthrene (C19.36)	10.795	47709	0.335 ug/ml
10) T Anthracene (C19.43)	10.871	47948	0.345 ug/ml
12) T Fluoranthene (C21.85)	12.603	69448	0.487 ug/ml
14) T Benzo[a]anthracene (C...	14.829f	42175	0.326 ug/ml
15) T Chrysene (C27.41)	14.829	42175	0.313 ug/ml
16) T benzo[b]fluoranthene ...	16.288	113268	0.861 ug/ml
17) T Bnezo[k]fluoranthene ...	16.288	113268	0.870 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	72250	0.567 ug/ml
20) T Dibenz[a,h]anthracene...	18.057	212839	1.692 ug/ml

(f)=RT Delta > 1/2 Window

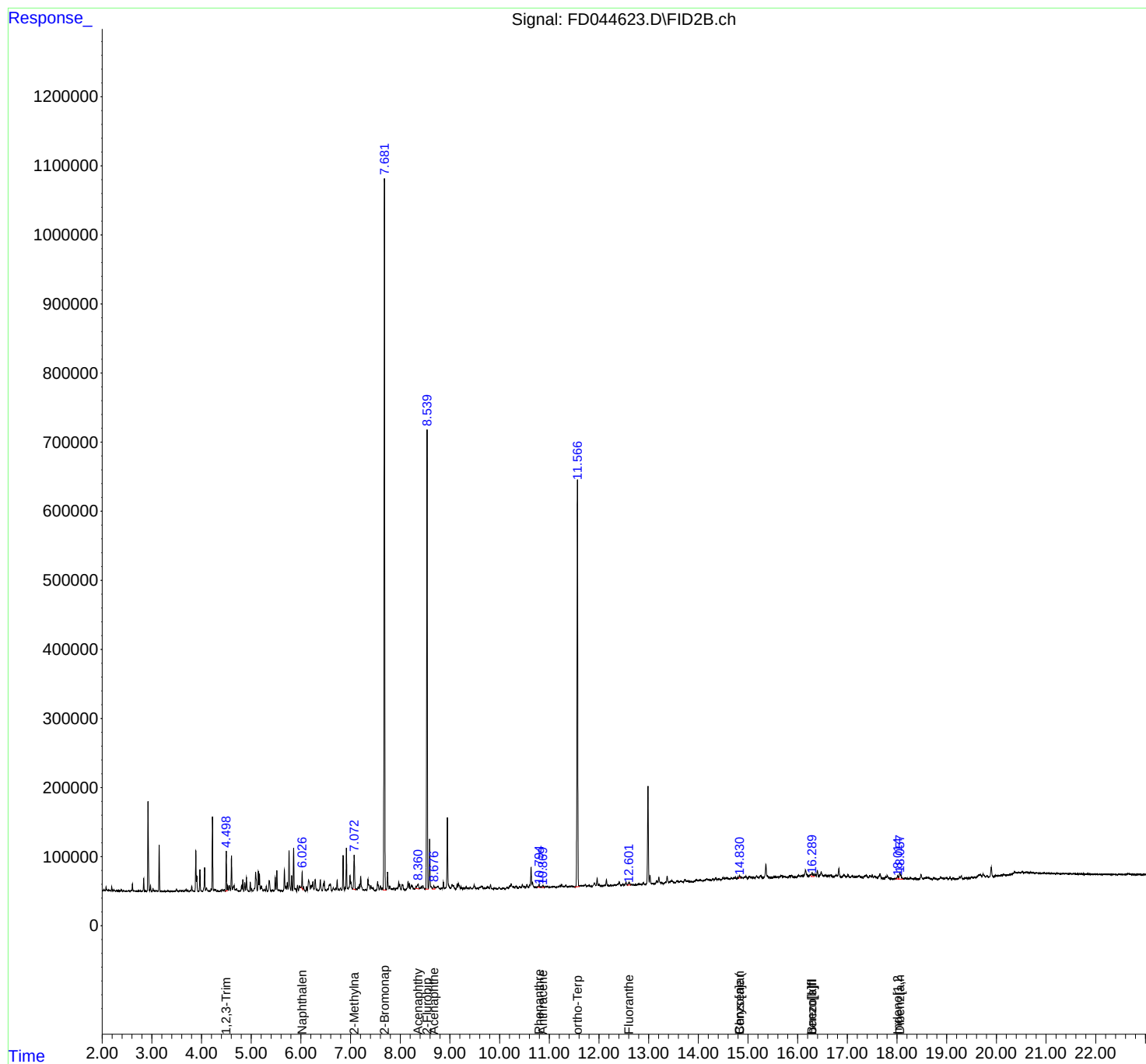
(m)=manual int.

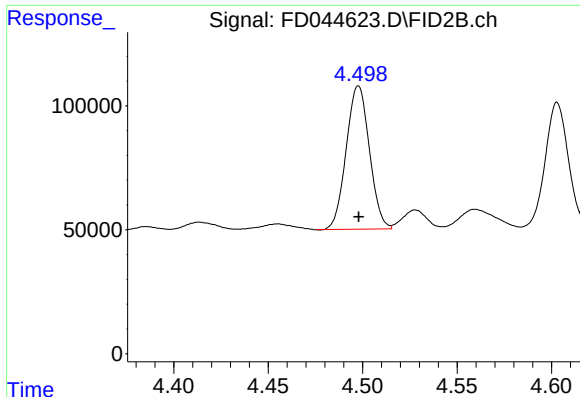
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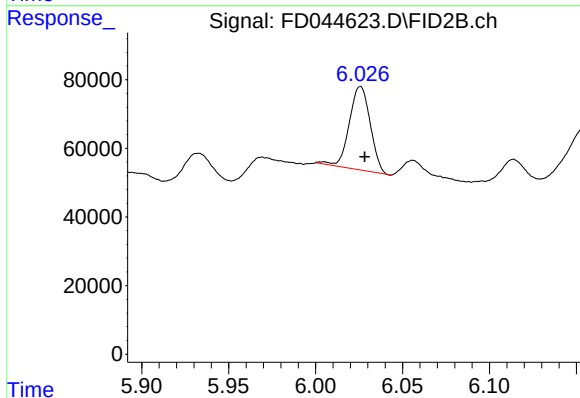




#1 1,2,3-Trimethylbenzene (C10.1)

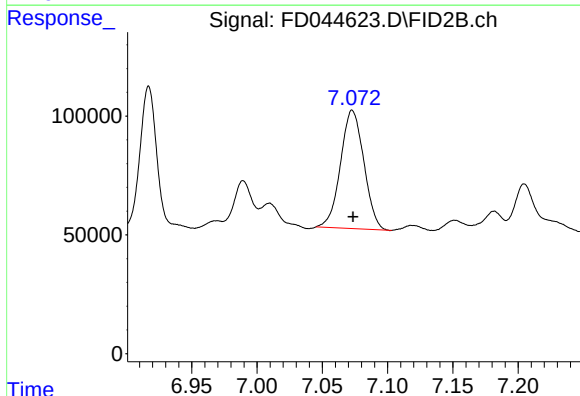
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 494619
Conc: 3.47 ug/ml

Instrument :
FID_D
ClientSampleId :



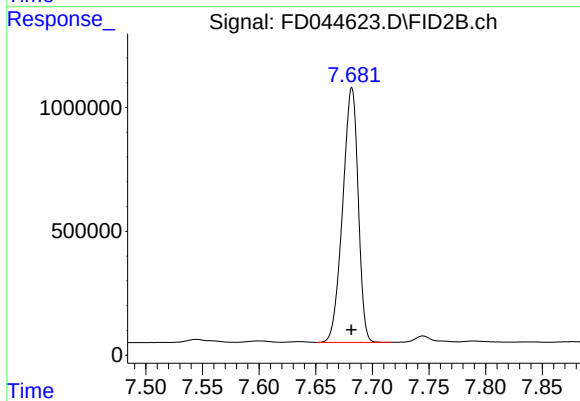
#2 Naphthalene (C11.7)

R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 204167
Conc: 1.36 ug/ml



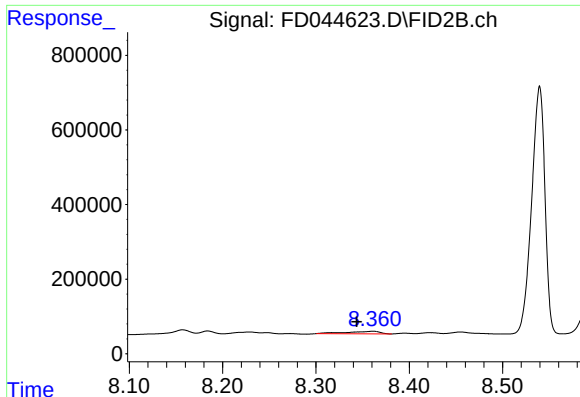
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 619896
Conc: 4.10 ug/ml



#4 2-Bromonaphthalene (SURR)

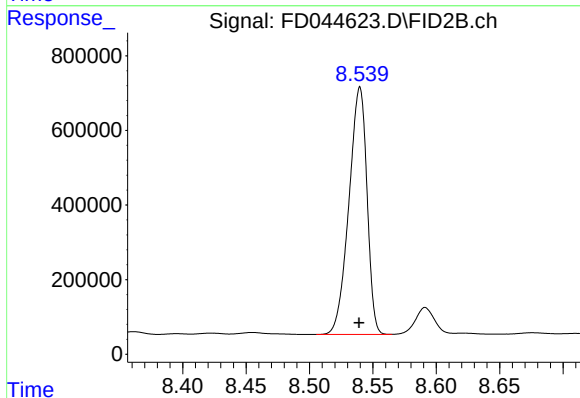
R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 9811761
Conc: 75.60 ug/ml



#5 Acenaphthylene (C15.06)

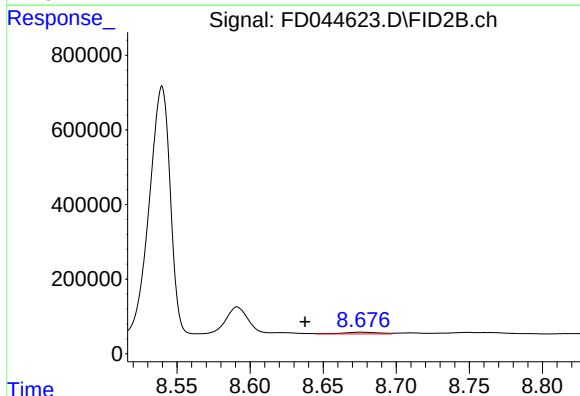
R.T.: 8.361 min
Delta R.T.: 0.017 min
Response: 167784
Conc: 1.21 ug/ml

Instrument :
FID_D
ClientSampleId :



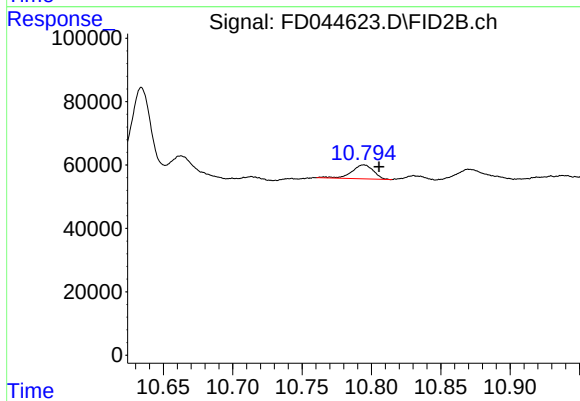
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 6580605
Conc: 74.51 ug/ml



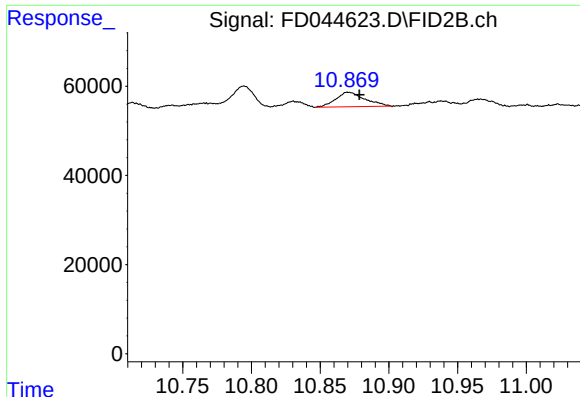
#7 Acenaphthene (C15.5)

R.T.: 8.676 min
Delta R.T.: 0.038 min
Response: 80026
Conc: 0.55 ug/ml



#9 Phenanthrene (C19.36)

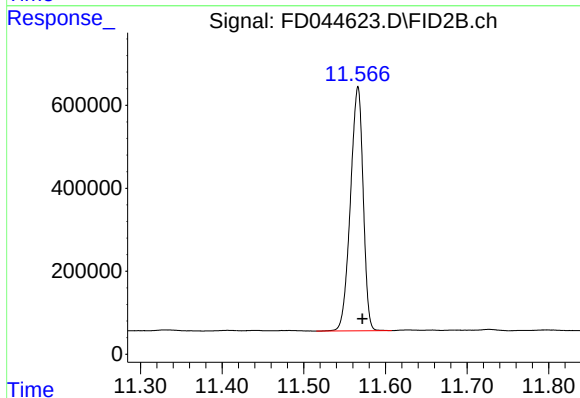
R.T.: 10.795 min
Delta R.T.: -0.011 min
Response: 47709
Conc: 0.33 ug/ml



#10 Anthracene (C19.43)

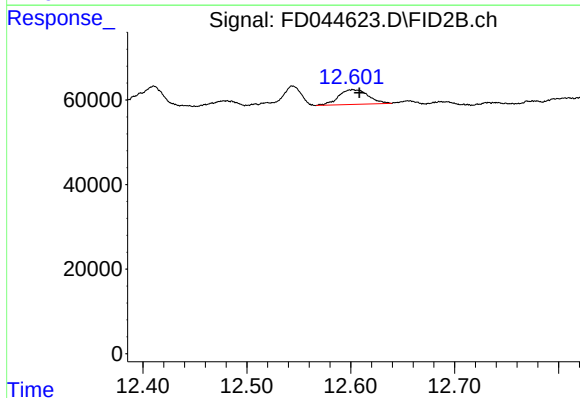
R.T.: 10.871 min
Delta R.T.: -0.007 min
Response: 47948
Conc: 0.35 ug/ml

Instrument :
FID_D
ClientSampleId :



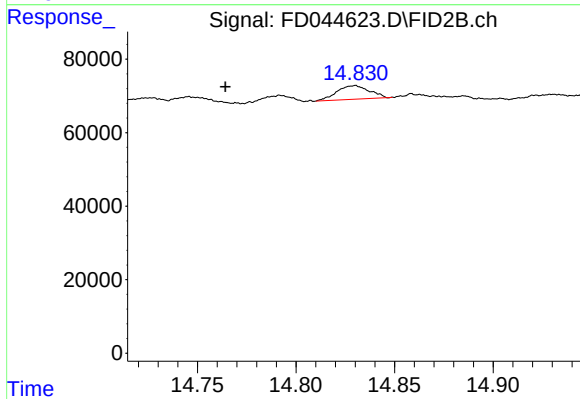
#11 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.006 min
Response: 6370316
Conc: 39.14 ug/ml



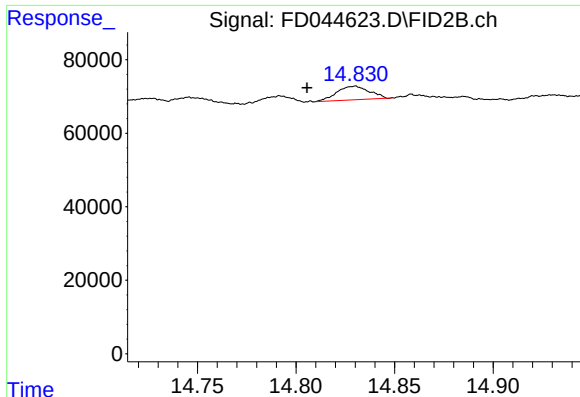
#12 Fluoranthene (C21.85)

R.T.: 12.603 min
Delta R.T.: -0.006 min
Response: 69448
Conc: 0.49 ug/ml



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

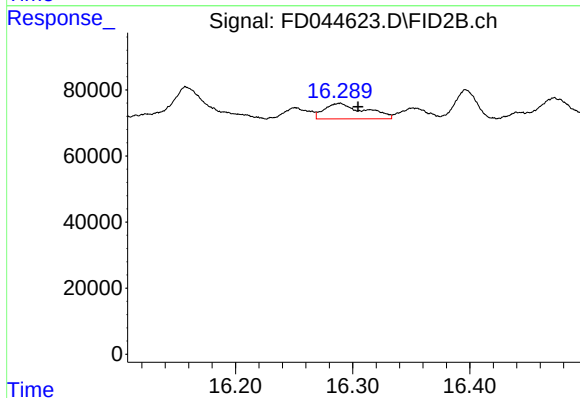
R.T.: 14.829 min
Delta R.T.: 0.065 min
Response: 42175
Conc: 0.33 ug/ml



#15 Chrysene (C27.41)

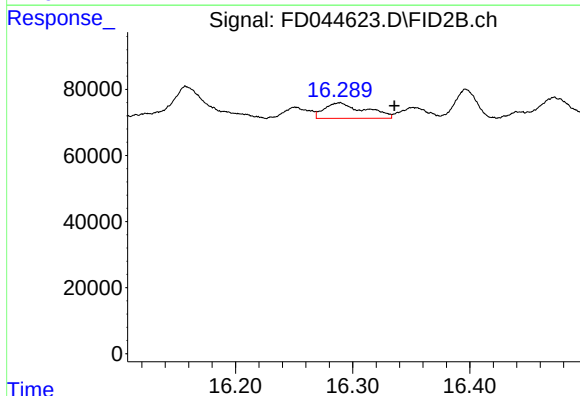
R.T.: 14.829 min
Delta R.T.: 0.024 min
Response: 42175
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



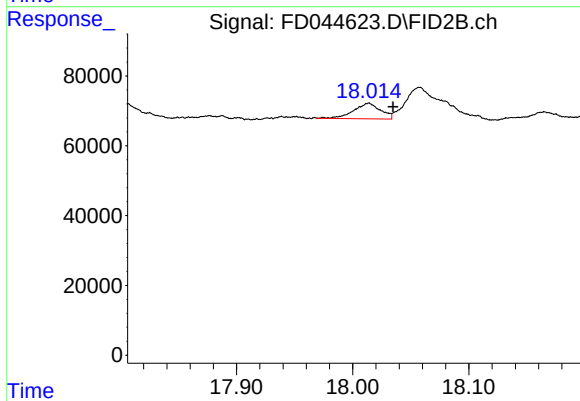
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.288 min
Delta R.T.: -0.016 min
Response: 113268
Conc: 0.86 ug/ml



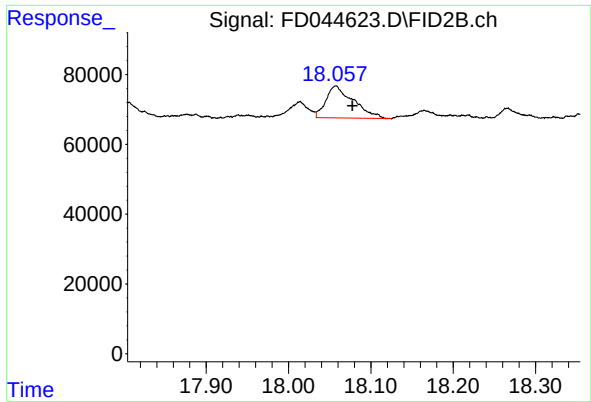
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.288 min
Delta R.T.: -0.047 min
Response: 113268
Conc: 0.87 ug/ml



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

R.T.: 18.014 min
Delta R.T.: -0.021 min
Response: 72250
Conc: 0.57 ug/ml



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

R.T.: 18.057 min
Delta R.T.: -0.020 min
Response: 212839
Conc: 1.69 ug/ml

Instrument :
FID_D
ClientSampleId :