

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072221AR\
 Data File : FD038330.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jul 2021 21:56
 Operator : AJ\MA
 Sample : M3117-09
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 NJ-CLEAN-9

Integration File: autoint1.e
 Quant Time: Jul 23 01:43:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 2021
 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...	7.514	6980066	53.557 ug/ml
Spiked Amount 50.000		Recovery =	107.11%
6) S 2-Fluorobiphenyl (SURR)	8.374	3873450	43.772 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.54%
11) S ortho-Terphenyl (SURR)	11.410	5661380	37.357 ug/ml
Spiked Amount 50.000		Recovery =	74.71%
Target Compounds			
7) T Acenaphthene (C15.5)	8.469	42669	0.276 ug/ml
8) T Flouorene (C16.55)	9.253	63568	0.434 ug/ml
9) T Phenanthrene (C19.36)	10.644	425258	2.942 ug/ml
10) T Anthracene (C19.43)	10.723	64625	0.457 ug/ml
12) T Fluoranthene (C21.85)	12.453	520582	3.593 ug/ml
13) T Pyrene (C20.8)	12.750	397887	2.792 ug/ml
14) T Benzo[a]anthracene (C...	14.622	199424	1.562 ug/ml
15) T Chrysene (C27.41)	14.663	273622	1.933 ug/ml
16) T benzo[b]fluoranthene ...	16.177	297119	2.383 ug/ml
17) T Bnezo[k]fluoranthene ...	16.205	107838	0.822 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	188524	1.607 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.926	172036	1.662 ug/ml
20) T Dibenz[a,h]anthracene...	17.962	54607	0.463 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	156163	1.431 ug/ml

(f)=RT Delta > 1/2 Window

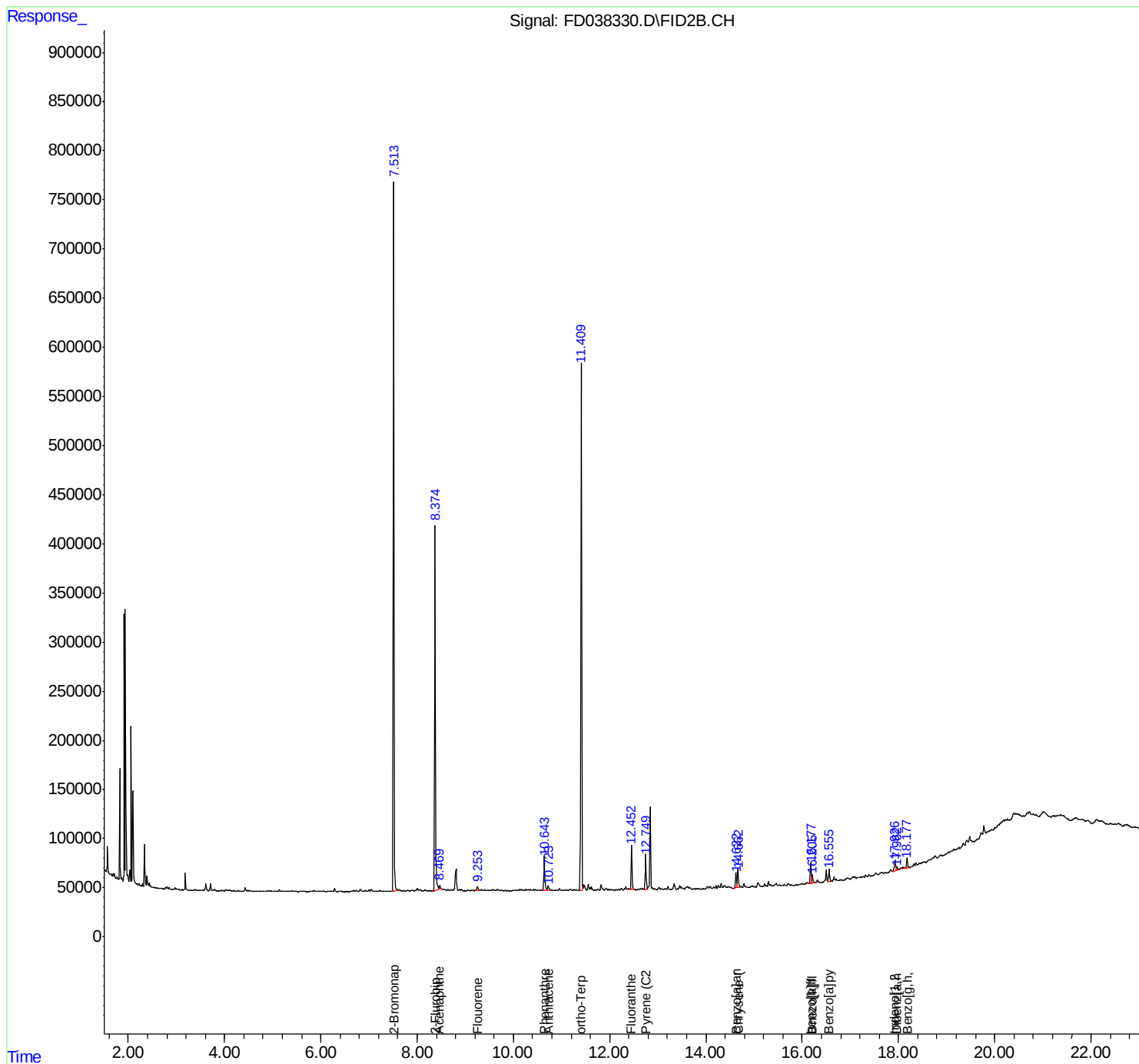
(m)=manual int.

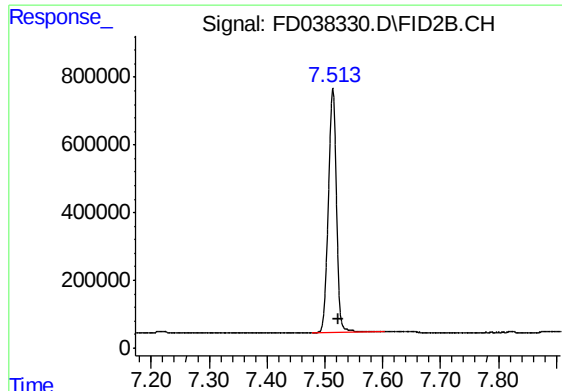
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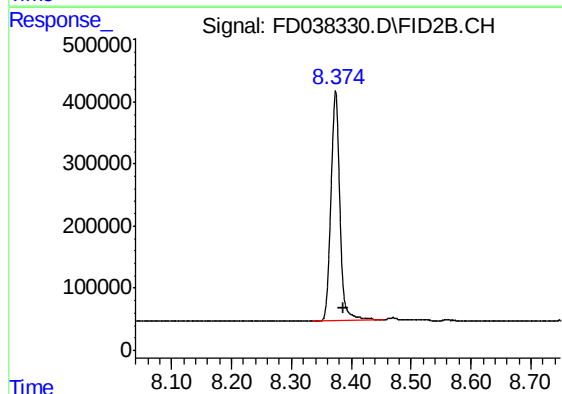




#4 2-Bromonaphthalene (SURR)

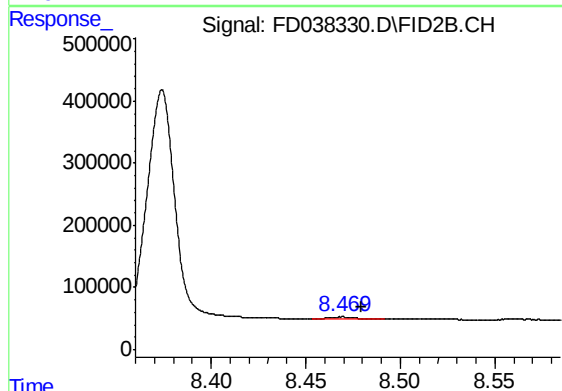
R.T.: 7.514 min
Delta R.T.: -0.011 min
Response: 6980066
Conc: 53.56 ug/ml

Instrument :
FID_D
ClientSampleId :
NJ-CLEAN-9



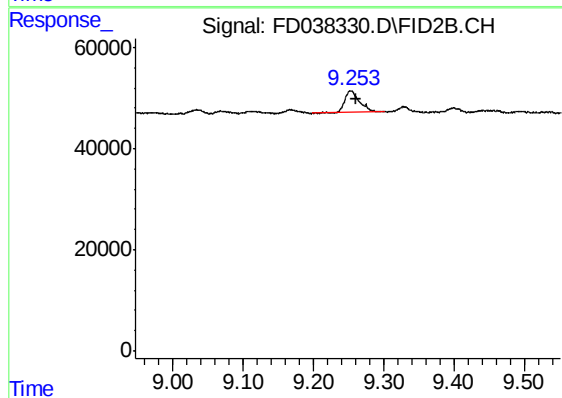
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: -0.012 min
Response: 3873450
Conc: 43.77 ug/ml



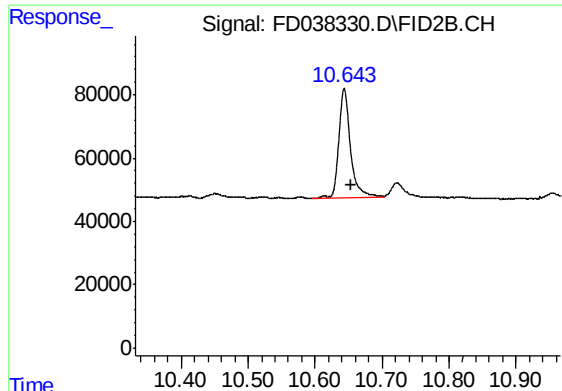
#7 Acenaphthene (C15.5)

R.T.: 8.469 min
Delta R.T.: -0.010 min
Response: 42669
Conc: 0.28 ug/ml



#8 Fluorene (C16.55)

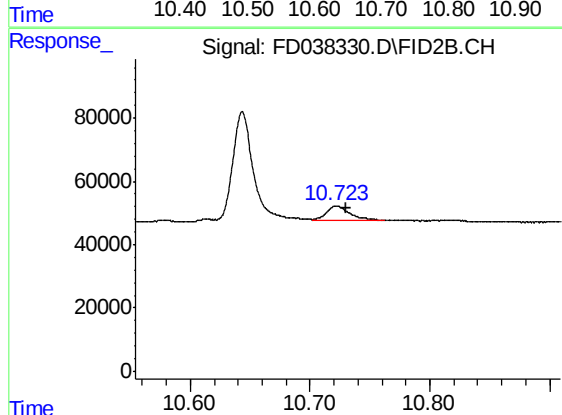
R.T.: 9.253 min
Delta R.T.: -0.008 min
Response: 63568
Conc: 0.43 ug/ml



#9 Phenanthrene (C19.36)

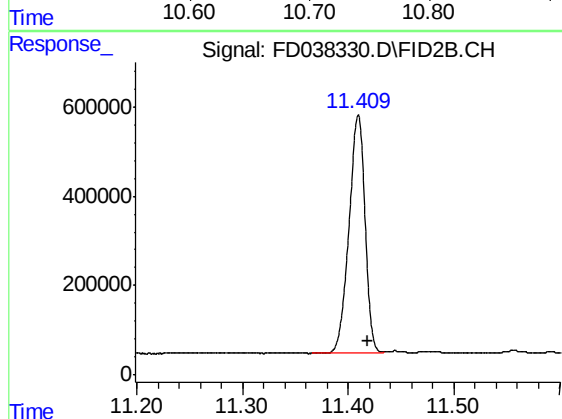
R.T.: 10.644 min
Delta R.T.: -0.011 min
Response: 425258
Conc: 2.94 ug/ml

Instrument :
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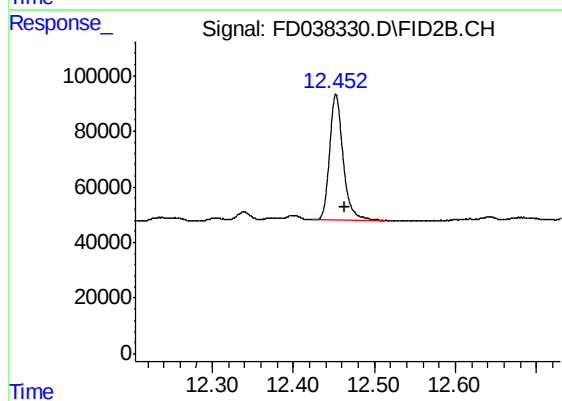
#10 Anthracene (C19.43)

R.T.: 10.723 min
Delta R.T.: -0.007 min
Response: 64625
Conc: 0.46 ug/ml



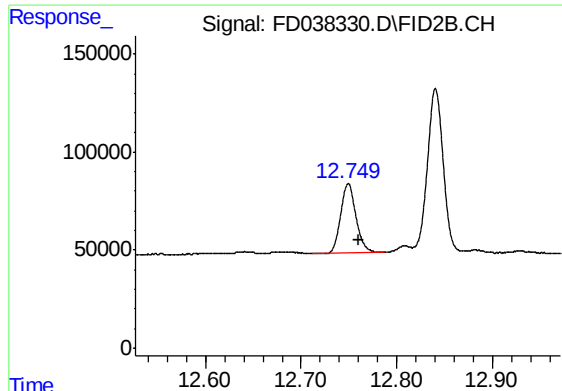
#11 ortho-Terphenyl (SURR)

R.T.: 11.410 min
Delta R.T.: -0.009 min
Response: 5661380
Conc: 37.36 ug/ml



#12 Fluoranthene (C21.85)

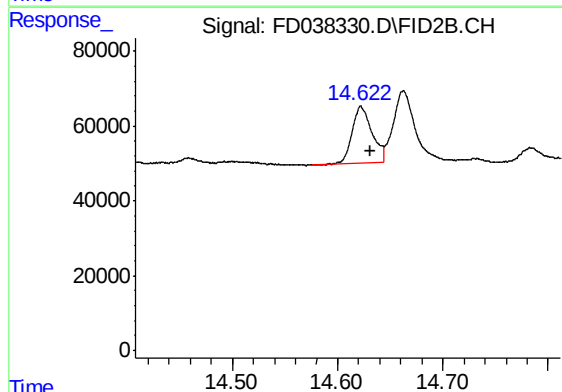
R.T.: 12.453 min
Delta R.T.: -0.011 min
Response: 520582
Conc: 3.59 ug/ml



#13 Pyrene (C20.8)

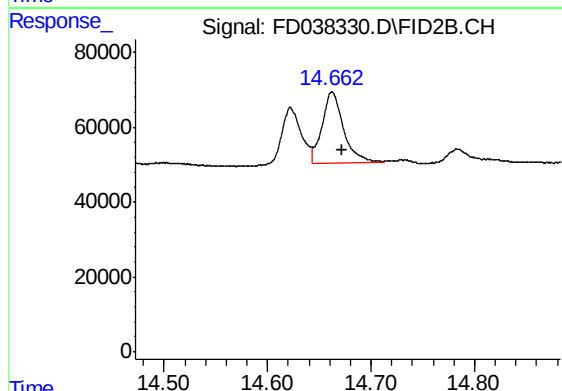
R.T.: 12.750 min
Delta R.T.: -0.010 min
Response: 397887
Conc: 2.79 ug/ml

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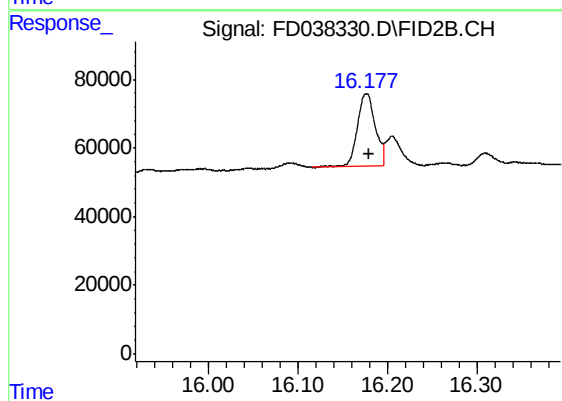
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.622 min
Delta R.T.: -0.010 min
Response: 199424
Conc: 1.56 ug/ml



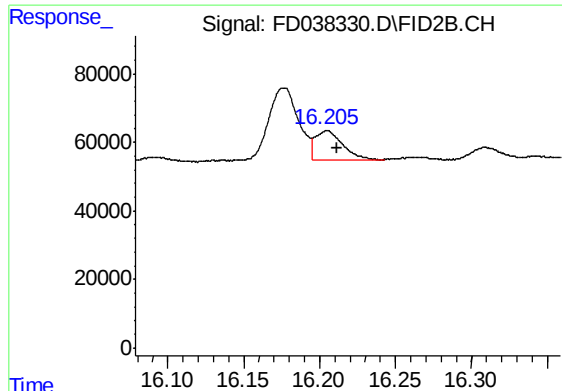
#15 Chrysene (C27.41)

R.T.: 14.663 min
Delta R.T.: -0.009 min
Response: 273622
Conc: 1.93 ug/ml



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

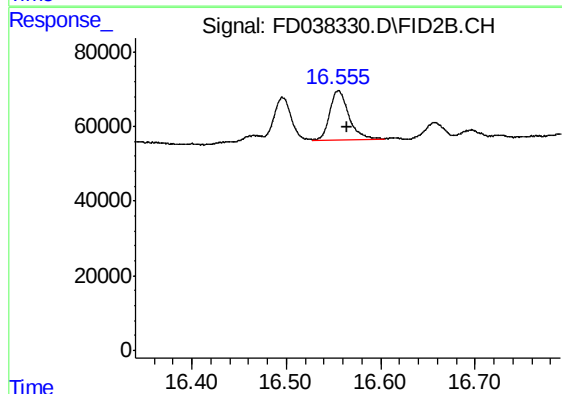
R.T.: 16.177 min
Delta R.T.: -0.003 min
Response: 297119
Conc: 2.38 ug/ml



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

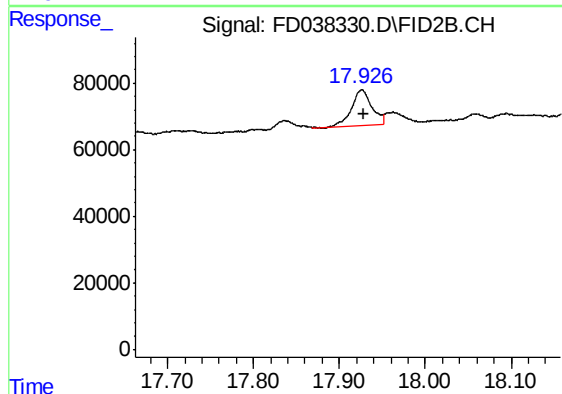
R.T.: 16.205 min
Delta R.T.: -0.006 min
Response: 107838
Conc: 0.82 ug/ml

Instrument :
FID_D
ClientSampleId :
NJ-CLEAN-9



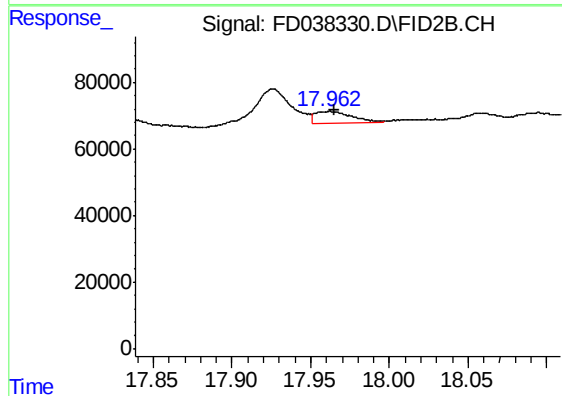
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: -0.009 min
Response: 188524
Conc: 1.61 ug/ml



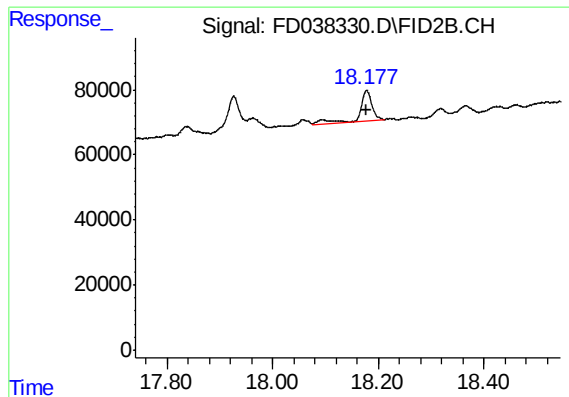
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.926 min
Delta R.T.: -0.003 min
Response: 172036
Conc: 1.66 ug/ml



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

R.T.: 17.962 min
Delta R.T.: -0.004 min
Response: 54607
Conc: 0.46 ug/ml



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

R.T.: 18.178 min
Delta R.T.: 0.000 min
Response: 156163
Conc: 1.43 ug/ml

Instrument :
FID_D
ClientSampleId :
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