

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032124AR\
 Data File : FD047412.D
 Signal(s) : FID2B.ch
 Acq On : 21 Mar 2024 20:41
 Operator : YP/AJ
 Sample : P1817-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 22 03:29:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.455	8458909	51.216 ug/ml
Spiked Amount 50.000		Recovery =	102.43%
6) S 2-Fluorobiphenyl (SURR)	8.307	5424987	50.985 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.97%
11) S ortho-Terphenyl (SURR)	11.341	7395696	39.629 ug/ml
Spiked Amount 50.000		Recovery =	79.26%
Target Compounds			
7) T Acenaphthene (C15.5)	8.401	179324	1.018 ug/ml
8) T Flouorene (C16.55)	9.180	201665	1.197 ug/ml
9) T Phenanthrene (C19.36)	10.565	1798819	11.107 ug/ml
10) T Anthracene (C19.43)	10.640	397508	2.701 ug/ml
12) T Fluoranthene (C21.85)	12.365	2325642	14.588 ug/ml
13) T Pyrene (C20.8)	12.658	1759640	11.374 ug/ml
14) T Benzo[a]anthracene (C...	14.520	1010151	7.452 ug/ml
15) T Chrysene (C27.41)	14.559	985770	6.641 ug/ml
16) T benzo[b]fluoranthene ...	16.062	1382333	9.847 ug/ml
17) T Bnezo[k]fluoranthene ...	16.062	1382333	9.761 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	749264	5.424 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.792	574206	4.594 ug/ml
20) T Dibenz[a,h]anthracene...	17.792f	574206	4.354 ug/ml
21) T Benzo[g,h,i]perylene ...	18.040	402253	2.994 ug/ml

(f)=RT Delta > 1/2 Window

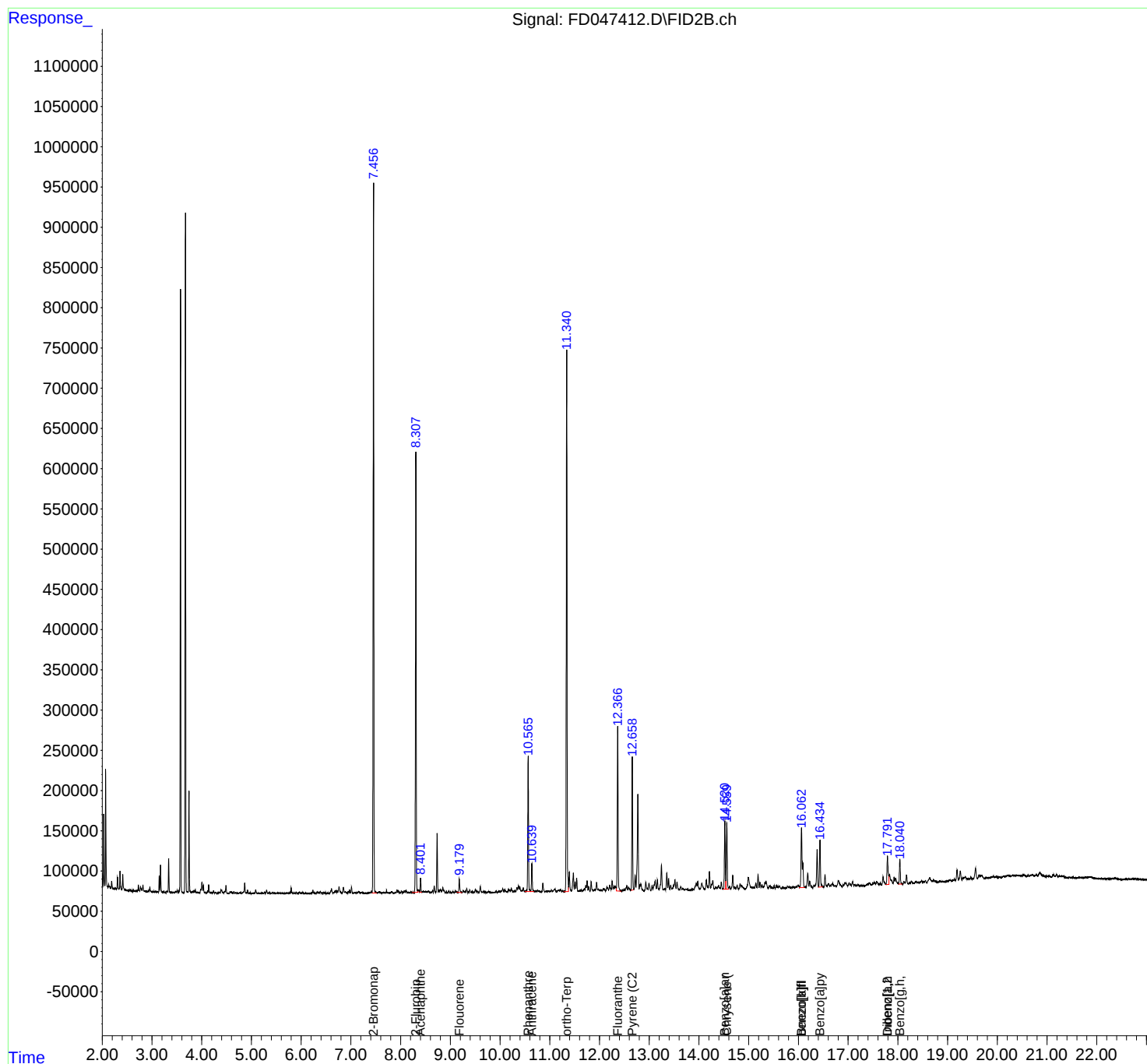
(m)=manual int.

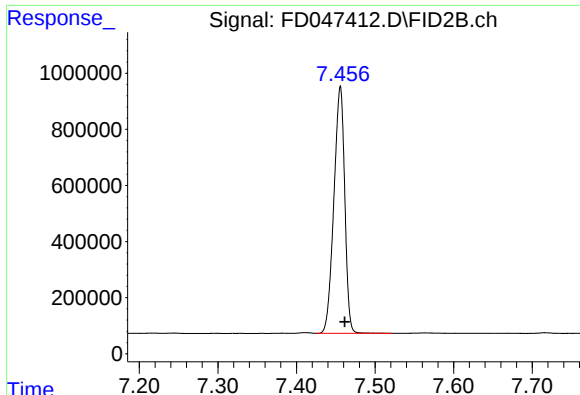
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Signal Info : 20M x 0.18mm x 0.18µm

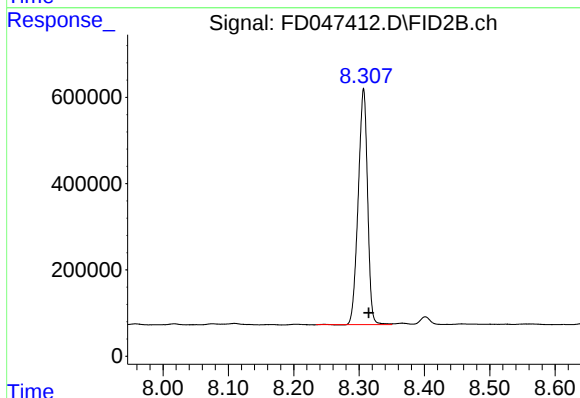




#4 2-Bromonaphthalene (SURRE)

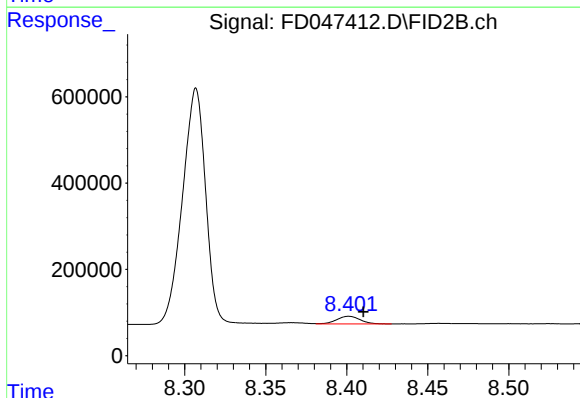
R.T.: 7.455 min
Delta R.T.: -0.006 min
Response: 8458909
Conc: 51.22 ug/ml

Instrument :
FID_D
ClientSampleId :



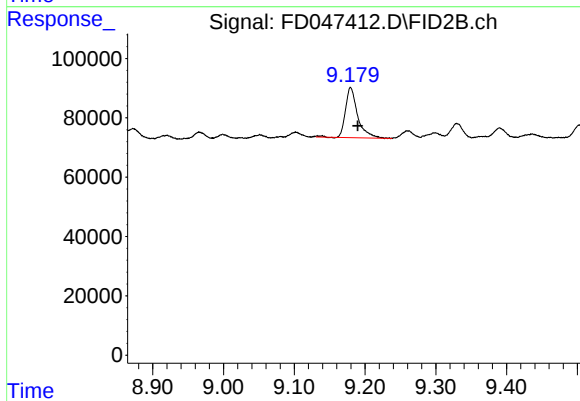
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.307 min
Delta R.T.: -0.008 min
Response: 5424987
Conc: 50.98 ug/ml



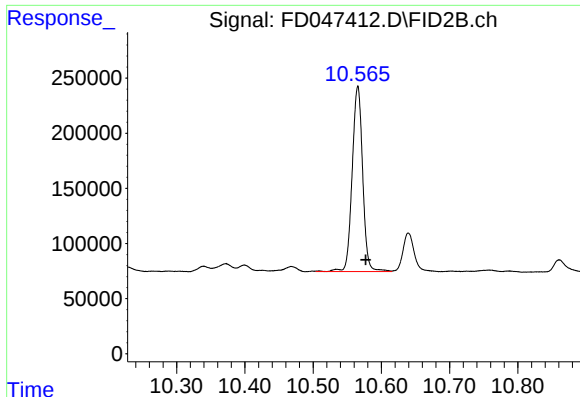
#7 Acenaphthene (C15.5)

R.T.: 8.401 min
Delta R.T.: -0.009 min
Response: 179324
Conc: 1.02 ug/ml



#8 Fluorene (C16.55)

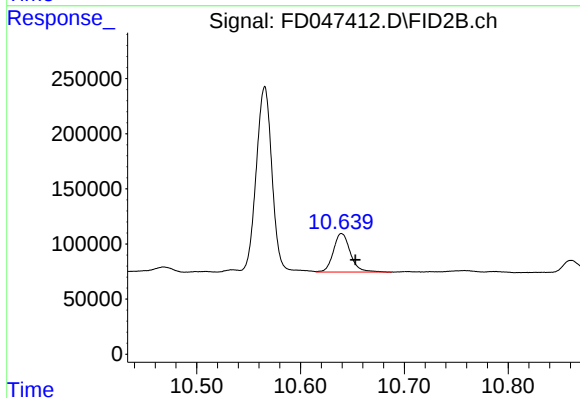
R.T.: 9.180 min
Delta R.T.: -0.010 min
Response: 201665
Conc: 1.20 ug/ml



#9 Phenanthrene (C19.36)

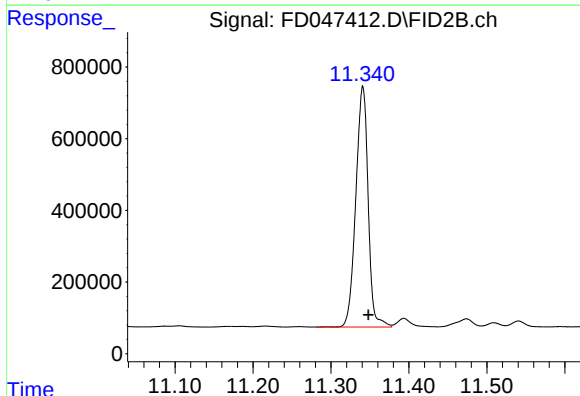
R.T.: 10.565 min
Delta R.T.: -0.012 min
Response: 1798819
Conc: 11.11 ug/ml

Instrument :
FID_D
ClientSampleId :



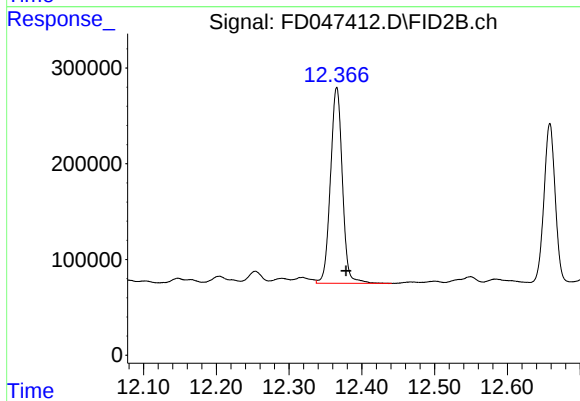
#10 Anthracene (C19.43)

R.T.: 10.640 min
Delta R.T.: -0.013 min
Response: 397508
Conc: 2.70 ug/ml



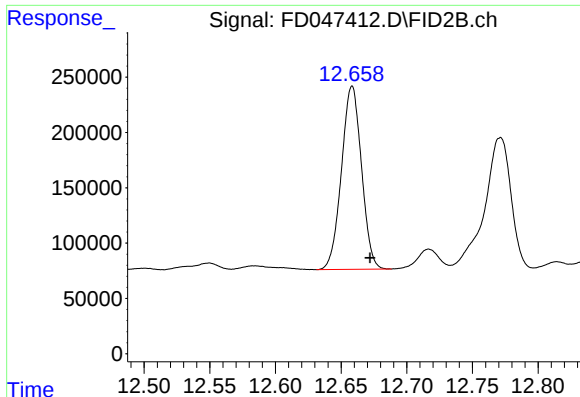
#11 ortho-Terphenyl (SURR)

R.T.: 11.341 min
Delta R.T.: -0.007 min
Response: 7395696
Conc: 39.63 ug/ml



#12 Fluoranthene (C21.85)

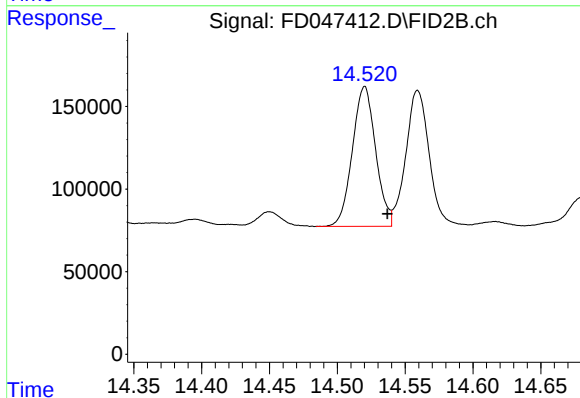
R.T.: 12.365 min
Delta R.T.: -0.013 min
Response: 2325642
Conc: 14.59 ug/ml



#13 Pyrene (C20.8)

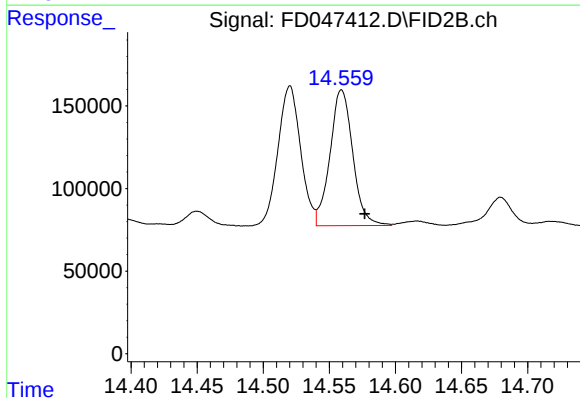
R.T.: 12.658 min
Delta R.T.: -0.014 min
Response: 1759640
Conc: 11.37 ug/ml

Instrument :
FID_D
ClientSampleId :



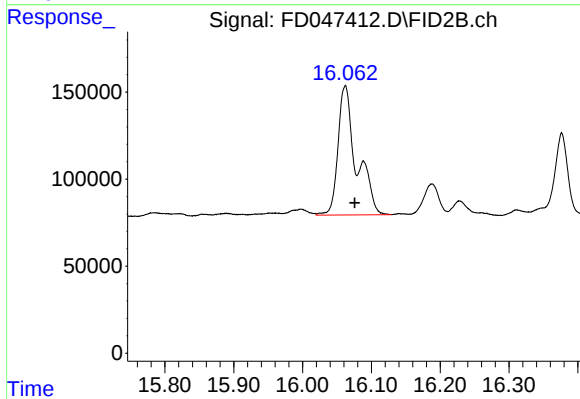
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.520 min
Delta R.T.: -0.017 min
Response: 1010151
Conc: 7.45 ug/ml



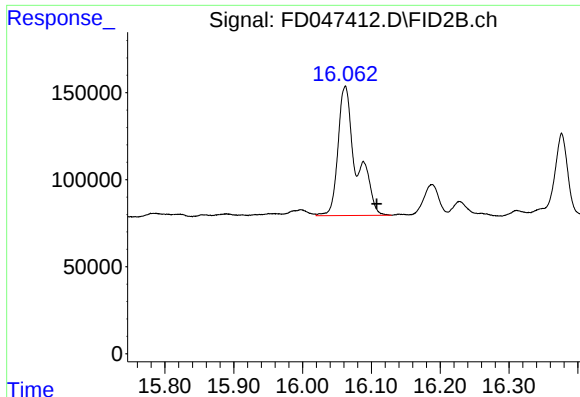
#15 Chrysene (C27.41)

R.T.: 14.559 min
Delta R.T.: -0.017 min
Response: 985770
Conc: 6.64 ug/ml



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

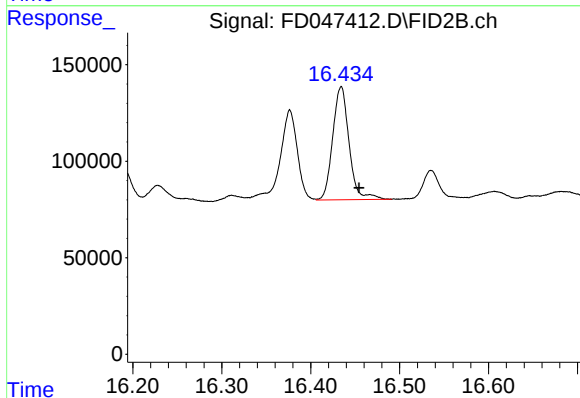
R.T.: 16.062 min
Delta R.T.: -0.014 min
Response: 1382333
Conc: 9.85 ug/ml



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

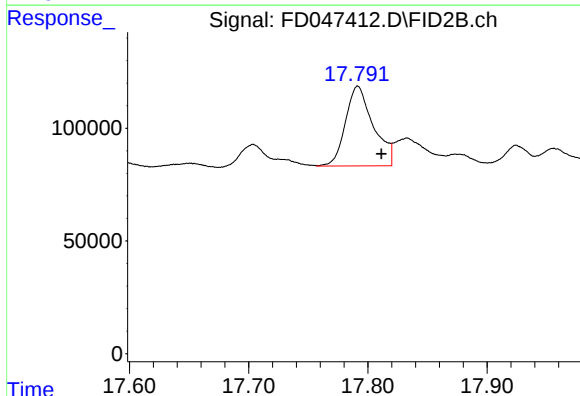
R.T.: 16.062 min
Delta R.T.: -0.046 min
Response: 1382333
Conc: 9.76 ug/ml

Instrument :
FID_D
ClientSampleId :



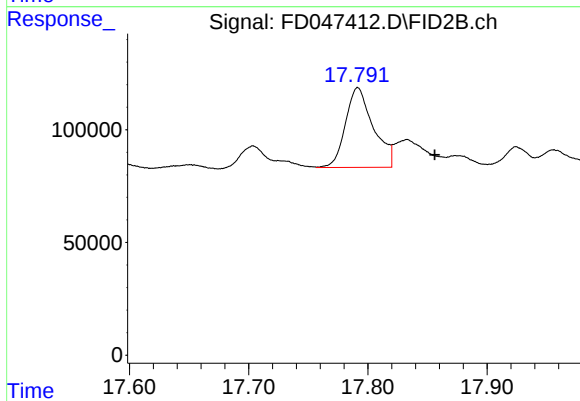
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min
Delta R.T.: -0.020 min
Response: 749264
Conc: 5.42 ug/ml



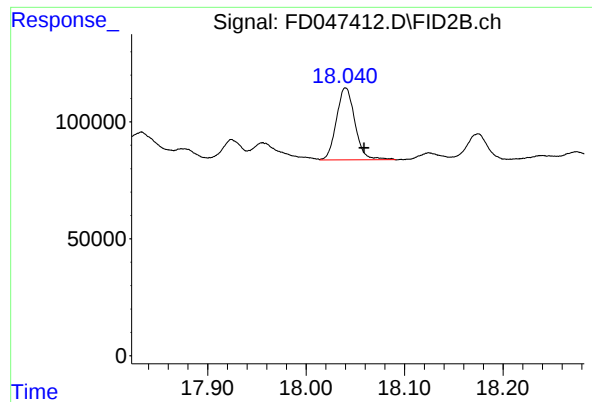
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.792 min
Delta R.T.: -0.020 min
Response: 574206
Conc: 4.59 ug/ml



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

R.T.: 17.792 min
Delta R.T.: -0.064 min
Response: 574206
Conc: 4.35 ug/ml



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

R.T.: 18.040 min
Delta R.T.: -0.019 min
Response: 402253
Conc: 2.99 ug/ml

Instrument :

FID_D

ClientSampleId :