

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041323AR\
 Data File : FD045480.D
 Signal(s) : FID2B.ch
 Acq On : 13 Apr 2023 09:59
 Operator : YP/AJ
 Sample : 02257-03DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 14 02:21:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 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...	7.545	1495759	10.917 ug/ml
Spiked Amount 50.000		Recovery =	21.83%
6) S 2-Fluorobiphenyl (SURR)	8.400	913302	10.188 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.38%
11) S ortho-Terphenyl (SURR)	11.439	1196376	6.876 ug/ml
Spiked Amount 50.000		Recovery =	13.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	86426	0.555 ug/ml
2) T Naphthalene (C11.7)	5.881	634740	3.950 ug/ml
5) T Acenaphthylene (C15.06)	8.214	110383	0.754 ug/ml
7) T Acenaphthene (C15.5)	8.460	81594	0.526 ug/ml
13) T Pyrene (C20.8)	12.782	97358	0.692 ug/ml
14) T Benzo[a]anthracene (C...	14.629	75840	0.591 ug/ml
15) T Chrysene (C27.41)	14.669	48369	0.365 ug/ml
16) T benzo[b]fluoranthene ...	16.177	267546	2.060 ug/ml
17) T Bnezo[k]fluoranthene ...	16.177	267546	2.112 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.569	181331	1.442 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	240104	2.029 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	282199	2.369 ug/ml
21) T Benzo[g,h,i]perylene ...	18.151	172698	1.383 ug/ml

(f)=RT Delta > 1/2 Window

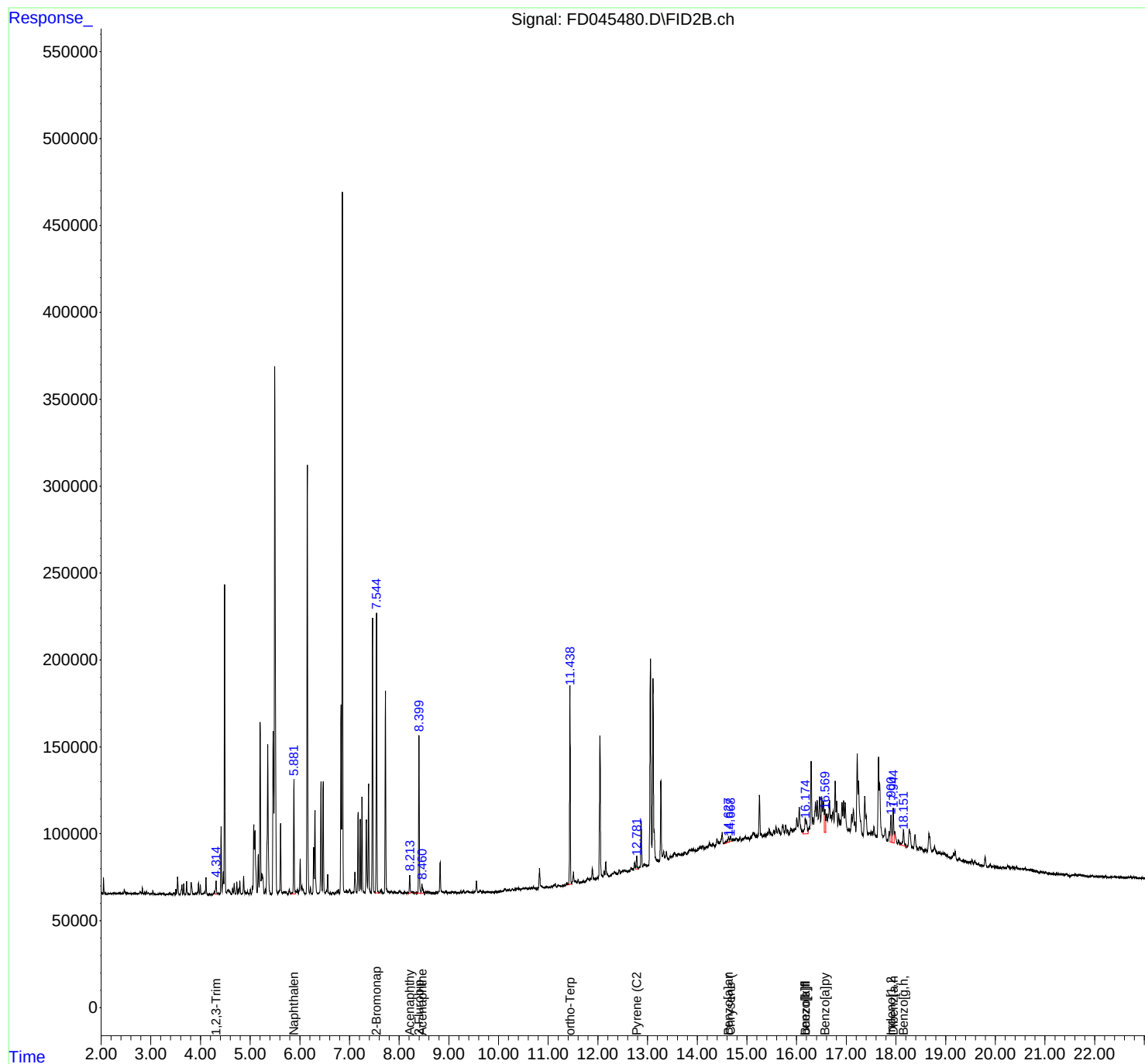
(m)=manual int.

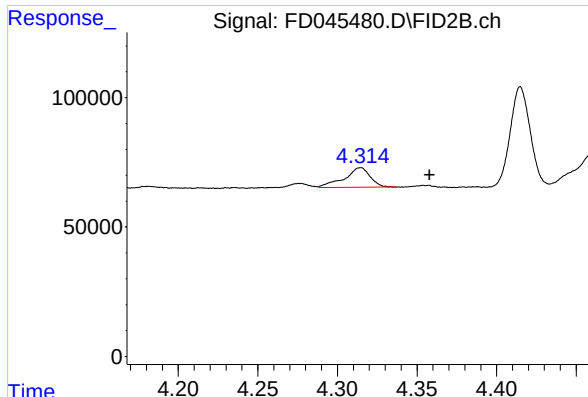
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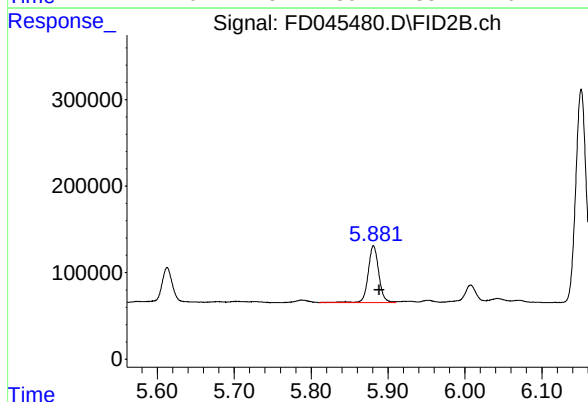
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.314 min
Delta R.T.: -0.044 min
Response: 86426
Conc: 0.55 ug/ml

Instrument :

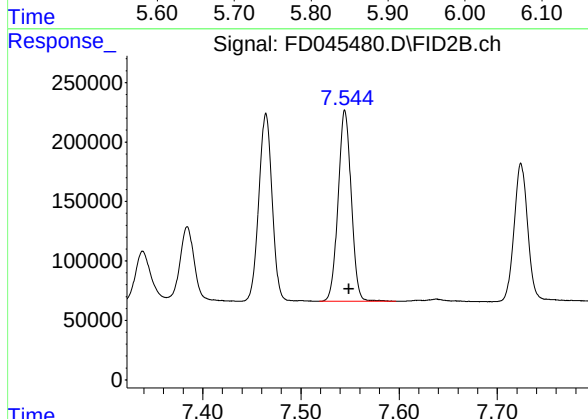
FID_D

ClientSampleId :



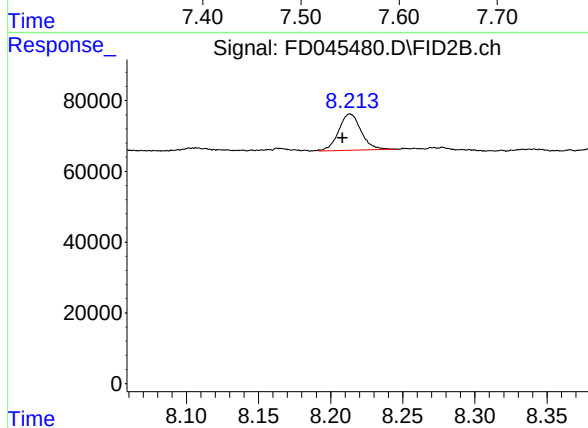
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: -0.007 min
Response: 634740
Conc: 3.95 ug/ml



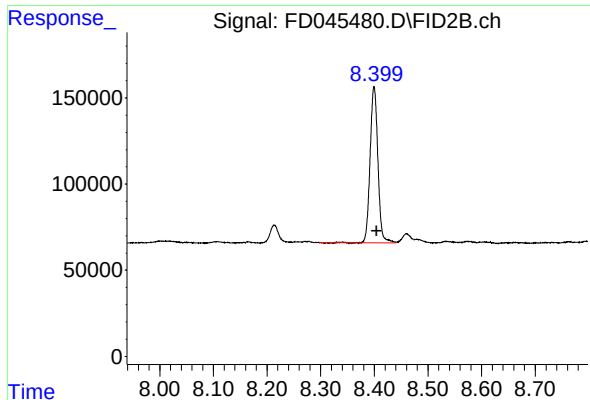
#4 2-Bromonaphthalene (SURR)

R.T.: 7.545 min
Delta R.T.: -0.004 min
Response: 1495759
Conc: 10.92 ug/ml



#5 Acenaphthylene (C15.06)

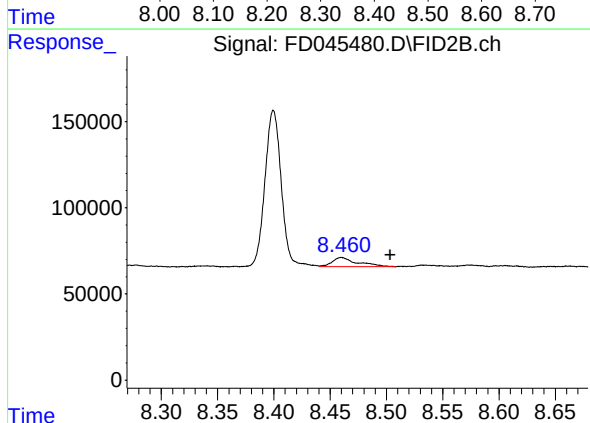
R.T.: 8.214 min
Delta R.T.: 0.005 min
Response: 110383
Conc: 0.75 ug/ml



#6 2-Fluorobiphenyl (SURR)

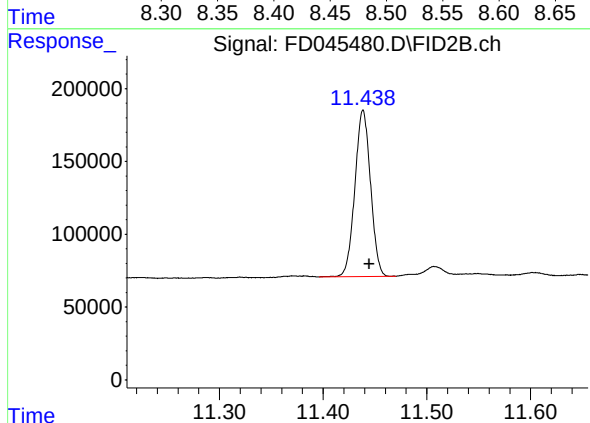
R.T.: 8.400 min
Delta R.T.: -0.005 min
Response: 913302
Conc: 10.19 ug/ml

Instrument :
FID_D
ClientSampleId :



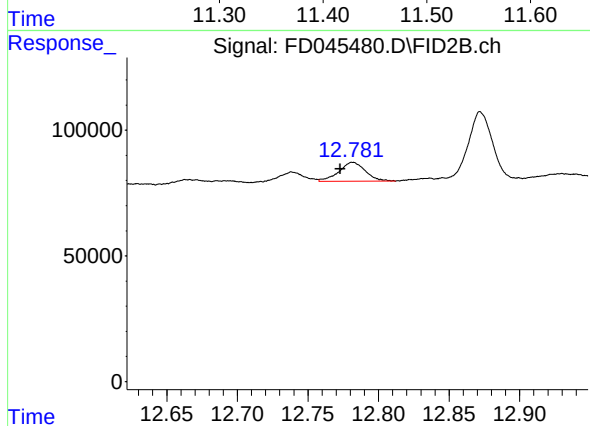
#7 Acenaphthene (C15.5)

R.T.: 8.460 min
Delta R.T.: -0.043 min
Response: 81594
Conc: 0.53 ug/ml



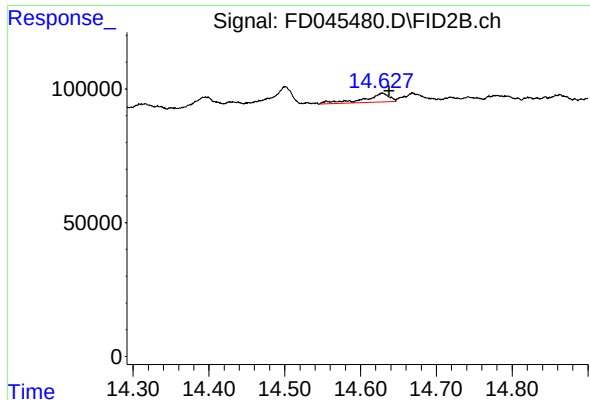
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: -0.006 min
Response: 1196376
Conc: 6.88 ug/ml



#13 Pyrene (C20.8)

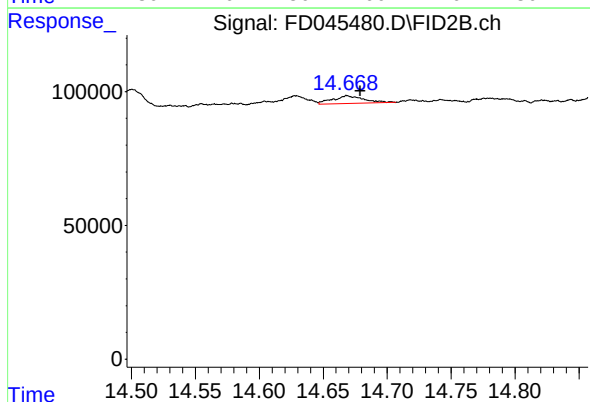
R.T.: 12.782 min
Delta R.T.: 0.009 min
Response: 97358
Conc: 0.69 ug/ml



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

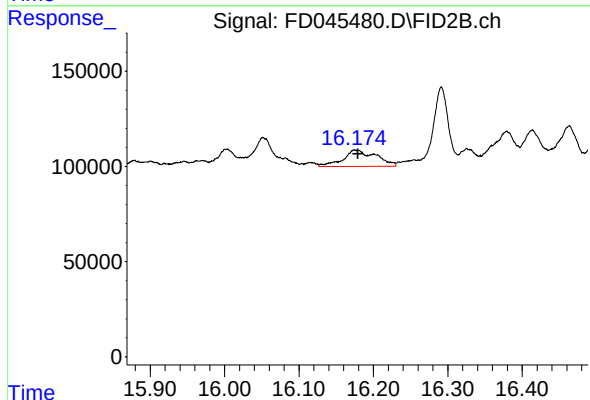
R.T.: 14.629 min
Delta R.T.: -0.009 min
Response: 75840
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



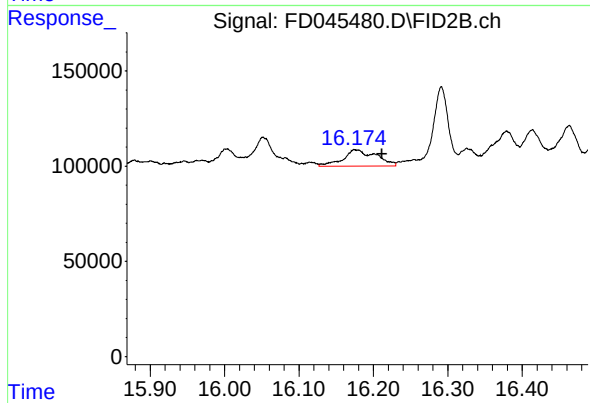
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: -0.010 min
Response: 48369
Conc: 0.36 ug/ml



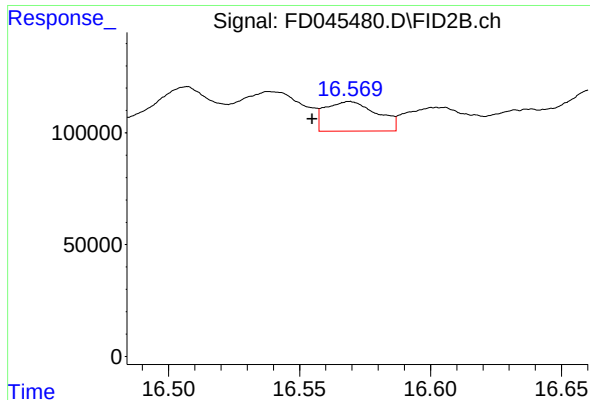
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.177 min
Delta R.T.: -0.003 min
Response: 267546
Conc: 2.06 ug/ml



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

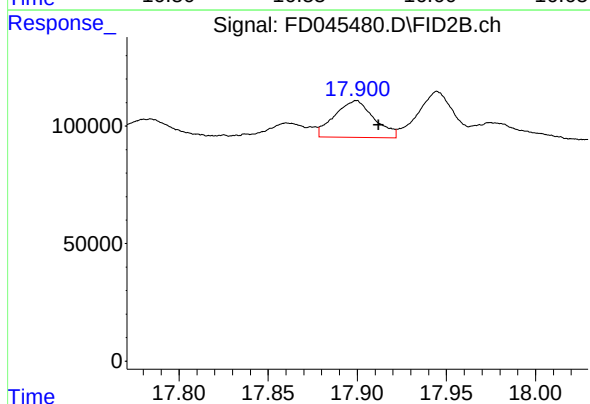
R.T.: 16.177 min
Delta R.T.: -0.035 min
Response: 267546
Conc: 2.11 ug/ml



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

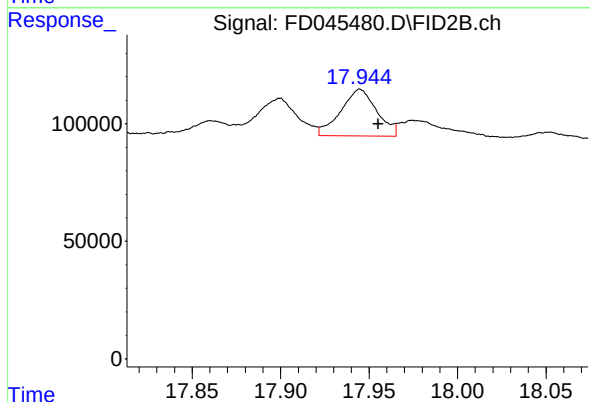
R.T.: 16.569 min
Delta R.T.: 0.014 min
Response: 181331
Conc: 1.44 ug/ml

Instrument :
FID_D
ClientSampleId :



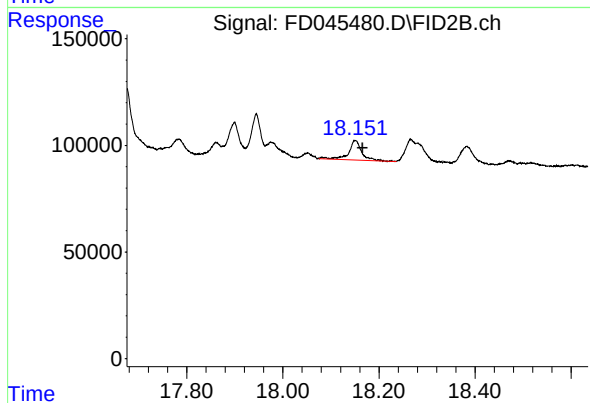
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.899 min
Delta R.T.: -0.013 min
Response: 240104
Conc: 2.03 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.010 min
Response: 282199
Conc: 2.37 ug/ml



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

R.T.: 18.151 min
Delta R.T.: -0.015 min
Response: 172698
Conc: 1.38 ug/ml