

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\
 Data File : FD022363.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2018 12:25
 Operator : UA/AJ
 Sample : J1792-09
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 06 13:56:31 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 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...	7.335	4483015	53.511 ug/ml
Spiked Amount 50.000		Recovery =	107.02%
6) S 2-Fluorobiphenyl (SURR)	8.191	3119704	61.706 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	123.41%
11) S ortho-Terphenyl (SURR)	11.219	2662179	28.052 ug/ml
Spiked Amount 50.000		Recovery =	56.10%
Target Compounds			
9) T Phenanthrene (C19.36)	10.472	101810	1.093 ug/ml
12) T Fluoranthene (C21.85)	12.274	307811	3.069 ug/ml
13) T Pyrene (C20.8)	12.569	249376	2.455 ug/ml
14) T Benzo[a]anthracene (C...	14.452	136645	1.417 ug/ml
15) T Chrysene (C27.41)	14.492	208928	1.936 ug/ml
16) T benzo[b]fluoranthene ...	16.009	220956	2.198 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	111423	0.982 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.395	154820	1.473 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.780	133247	1.399 ug/ml
20) T Dibenz[a,h]anthracene...	17.822	45233	0.398 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.031	83514	0.804 ug/ml

(f)=RT Delta > 1/2 Window

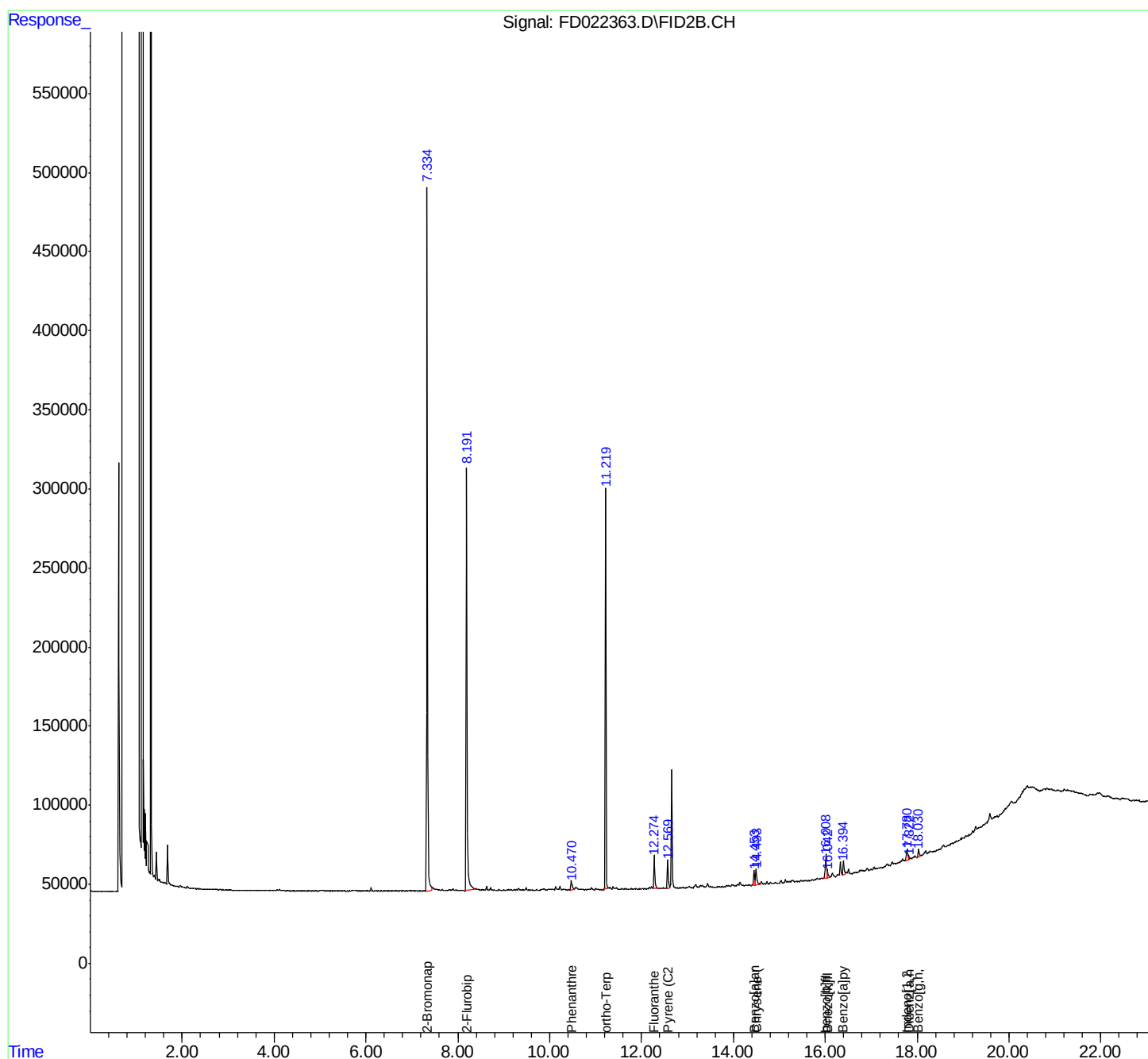
(m)=manual int.

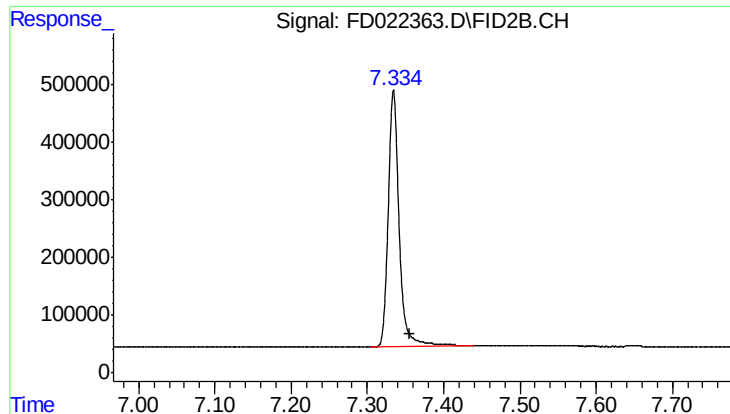
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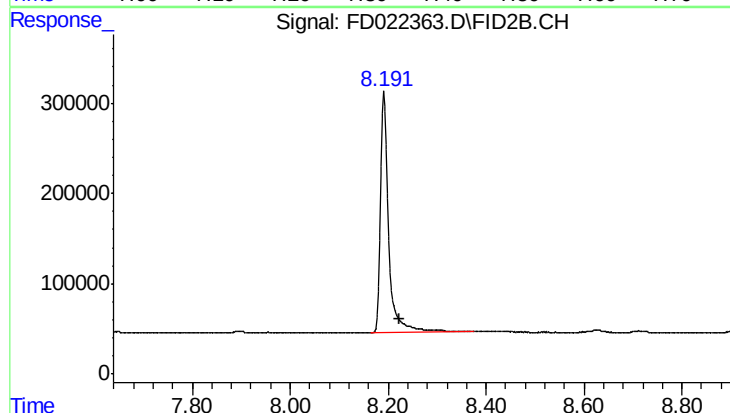




#4 2-Bromonaphthalene (SURR)

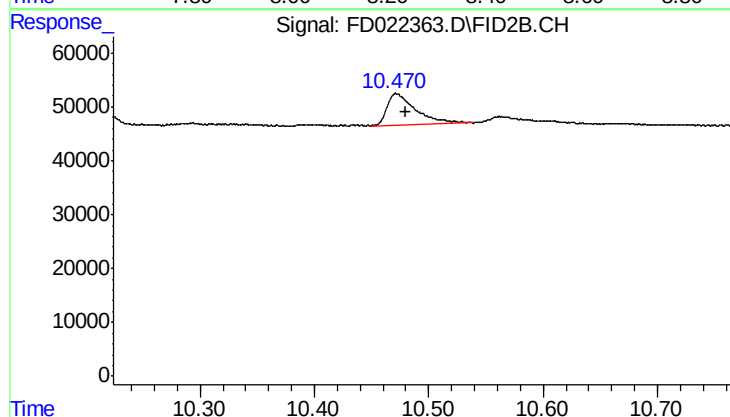
R.T.: 7.335 min
Delta R.T.: -0.021 min
Response: 4483015
Conc: 53.51 ug/ml

Instrument :
FID_D
ClientSampleId :



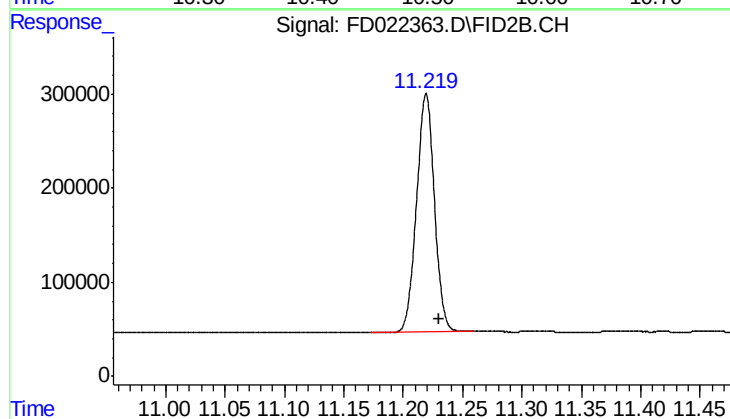
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.191 min
Delta R.T.: -0.033 min
Response: 3119704
Conc: 61.71 ug/ml



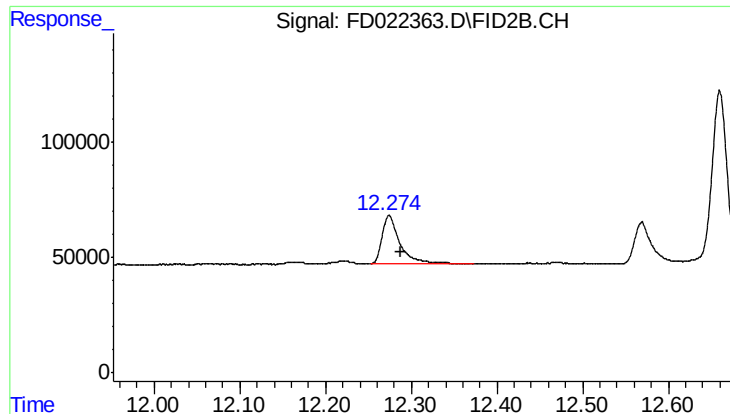
#9 Phenanthrene (C19.36)

R.T.: 10.472 min
Delta R.T.: -0.008 min
Response: 101810
Conc: 1.09 ug/ml



#11 ortho-Terphenyl (SURR)

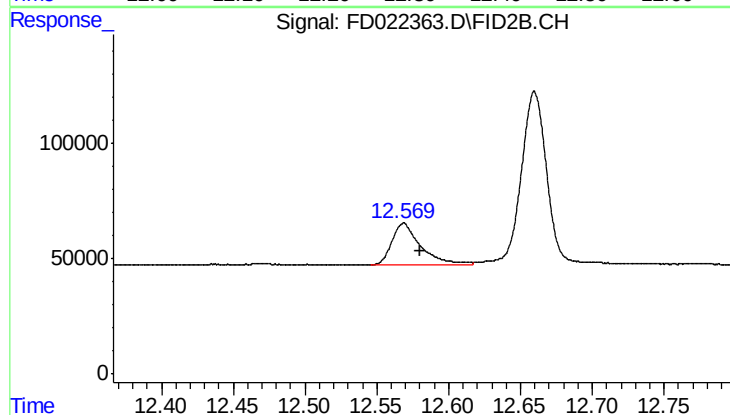
R.T.: 11.219 min
Delta R.T.: -0.011 min
Response: 2662179
Conc: 28.05 ug/ml



#12 Fluoranthene (C21.85)

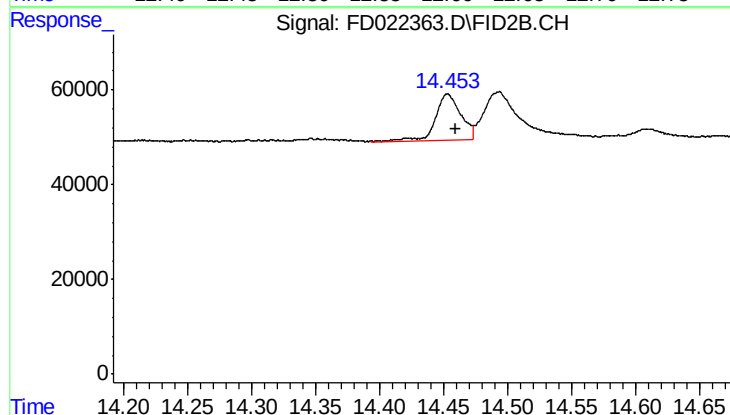
R.T.: 12.274 min
Delta R.T.: -0.014 min
Response: 307811
Conc: 3.07 ug/ml

Instrument :
FID_D
ClientSampleId :



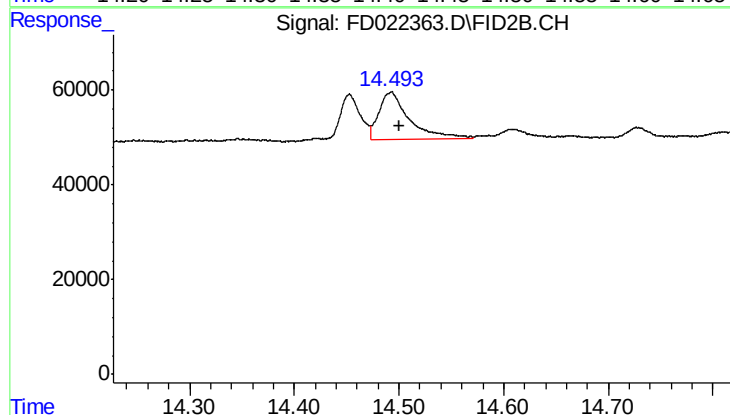
#13 Pyrene (C20.8)

R.T.: 12.569 min
Delta R.T.: -0.012 min
Response: 249376
Conc: 2.45 ug/ml



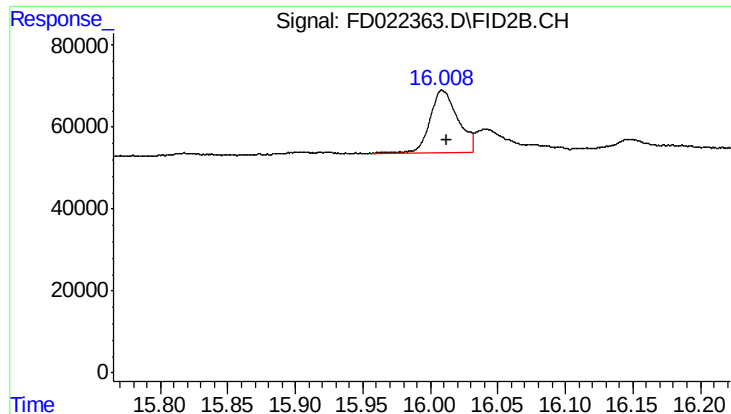
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.452 min
Delta R.T.: -0.007 min
Response: 136645
Conc: 1.42 ug/ml



#15 Chrysene (C27.41)

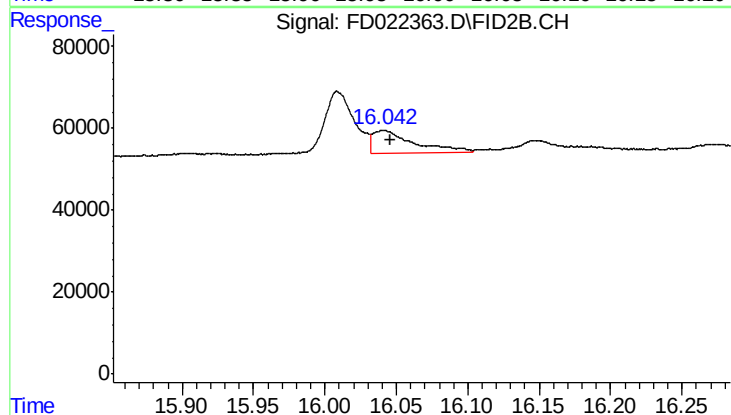
R.T.: 14.492 min
Delta R.T.: -0.008 min
Response: 208928
Conc: 1.94 ug/ml



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

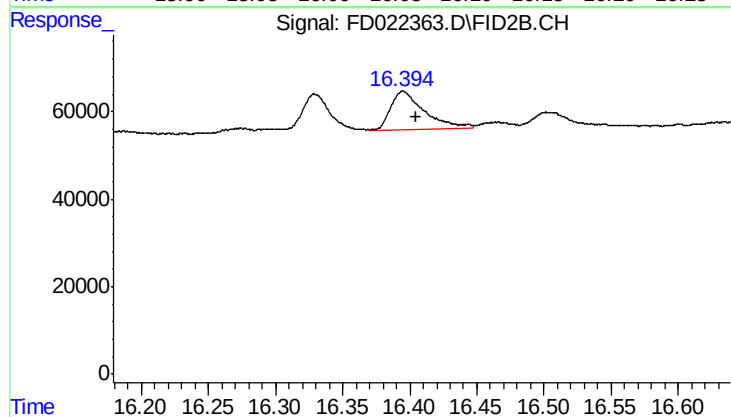
R.T.: 16.009 min
Delta R.T.: -0.003 min
Response: 220956
Conc: 2.20 ug/ml

Instrument :
FID_D
ClientSampleId :



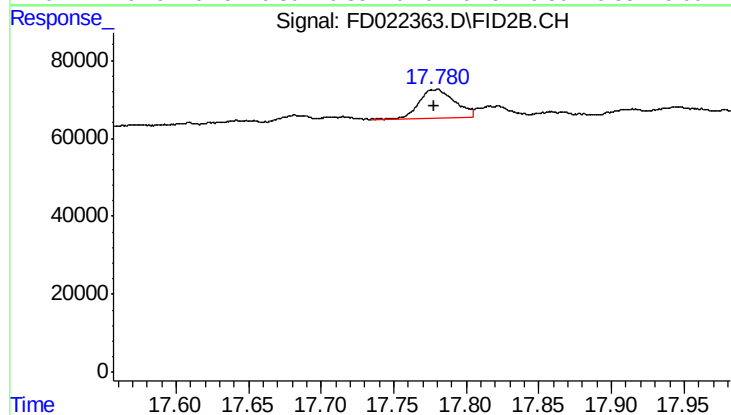
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.041 min
Delta R.T.: -0.005 min
Response: 111423
Conc: 0.98 ug/ml



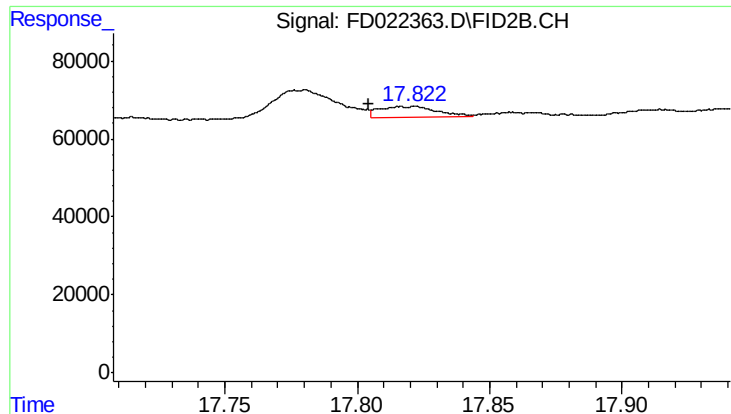
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.395 min
Delta R.T.: -0.009 min
Response: 154820
Conc: 1.47 ug/ml



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

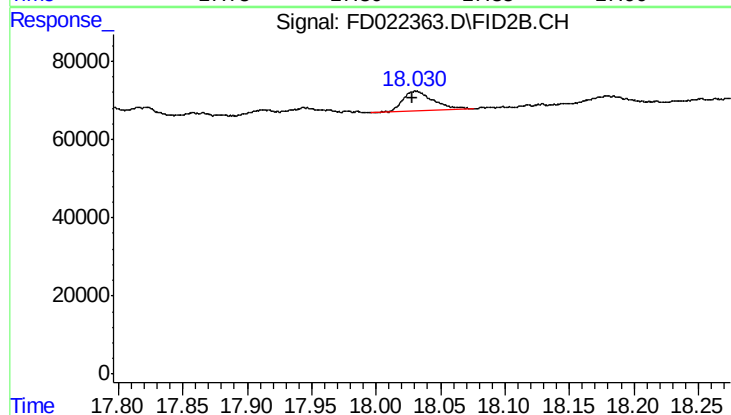
R.T.: 17.780 min
Delta R.T.: 0.003 min
Response: 133247
Conc: 1.40 ug/ml



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

R.T.: 17.822 min
Delta R.T.: 0.017 min
Response: 45233
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.031 min
Delta R.T.: 0.003 min
Response: 83514
Conc: 0.80 ug/ml