

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112719AR\
 Data File : FD031737.D
 Signal(s) : FID2B.CH
 Acq On : 27 Nov 2019 16:43
 Operator : DD\AJ
 Sample : K6054-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 27 22:32:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.652	5559888	46.708 ug/ml
Spiked Amount 50.000		Recovery =	93.42%
6) S 2-Fluorobiphenyl (SURR)	8.516	3760188	45.638 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.28%
11) S ortho-Terphenyl (SURR)	11.553	5158521	40.312 ug/ml
Spiked Amount 50.000		Recovery =	80.62%
Target Compounds			
7) T Acenaphthene (C15.5)	8.611	572146	4.370 ug/ml
8) T Flouorene (C16.55)	9.390	435299	3.329 ug/ml
9) T Phenanthrene (C19.36)	10.786	1421206	10.787 ug/ml
10) T Anthracene (C19.43)	10.859	158429	1.229 ug/ml
12) T Fluoranthene (C21.85)	12.597	1795333	13.547 ug/ml
13) T Pyrene (C20.8)	12.893	1116397	8.477 ug/ml
14) T Benzo[a]anthracene (C...	14.759	312094	2.465 ug/ml
15) T Chrysene (C27.41)	14.800	327723	2.584 ug/ml
16) T benzo[b]fluoranthene ...	16.310	404370	3.221 ug/ml
17) T Bnezo[k]fluoranthene ...	16.310	404370	3.213 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.685	141549	1.141 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.045	129636	1.066 ug/ml
20) T Dibenz[a,h]anthracene...	18.089	131233	1.060 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	87501	0.725 ug/ml

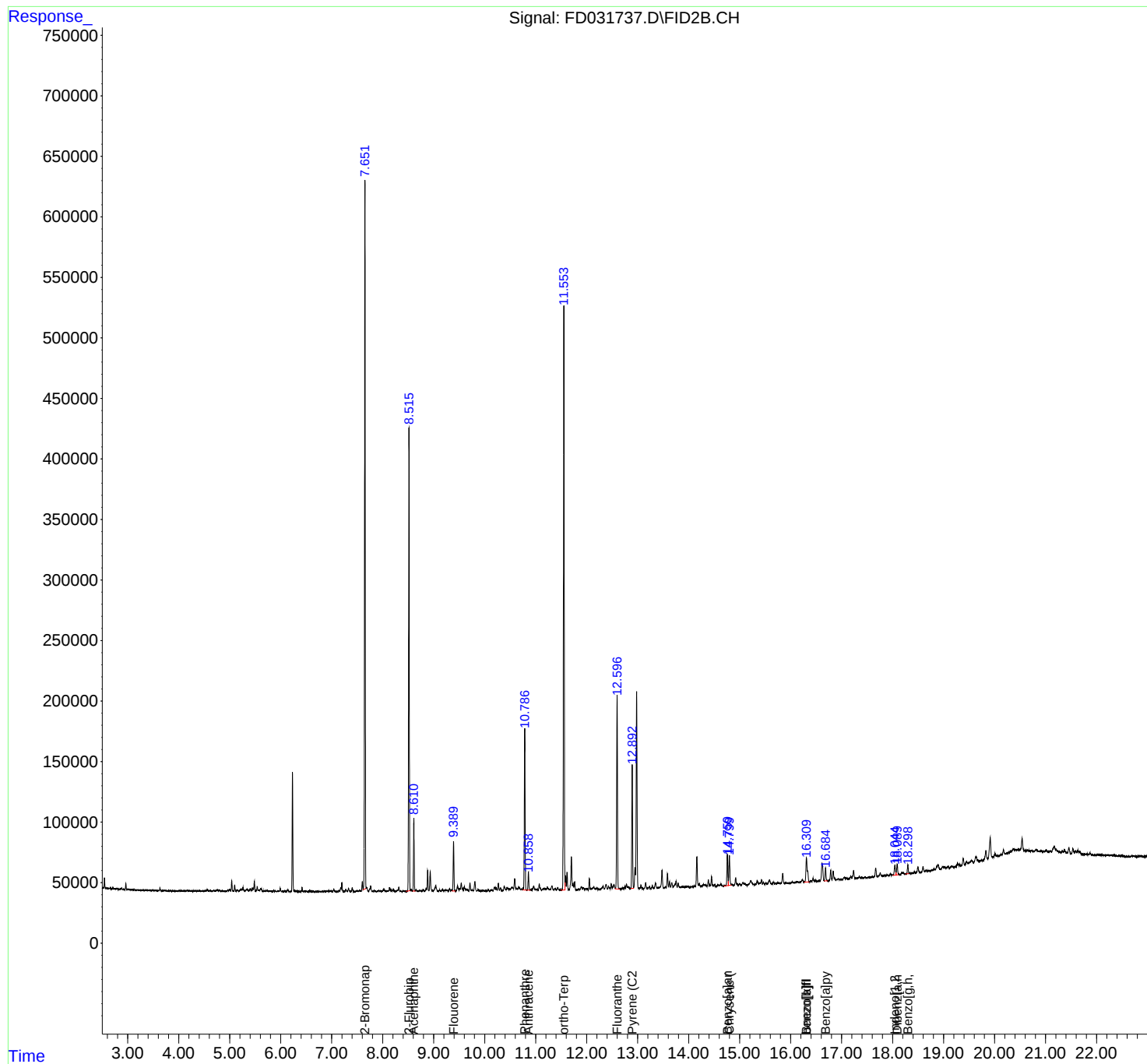
(f)=RT Delta > 1/2 Window

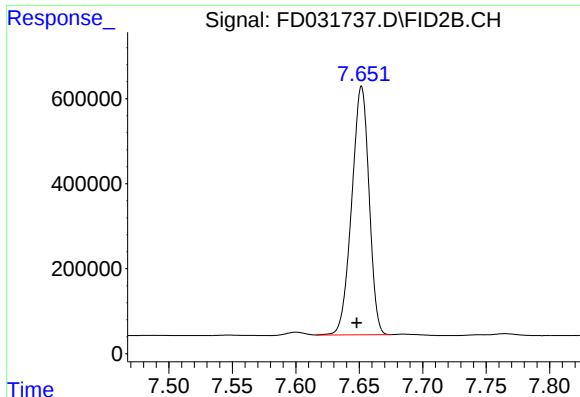
(m)=manual int.

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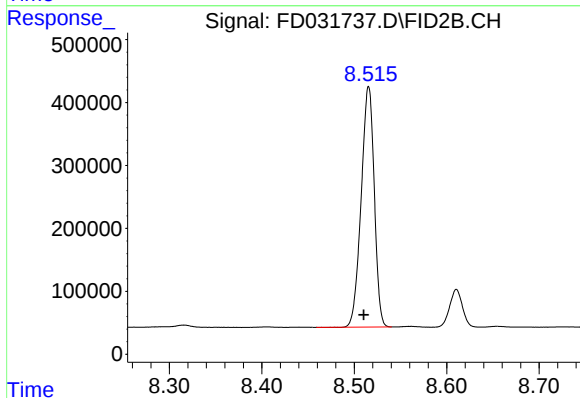
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





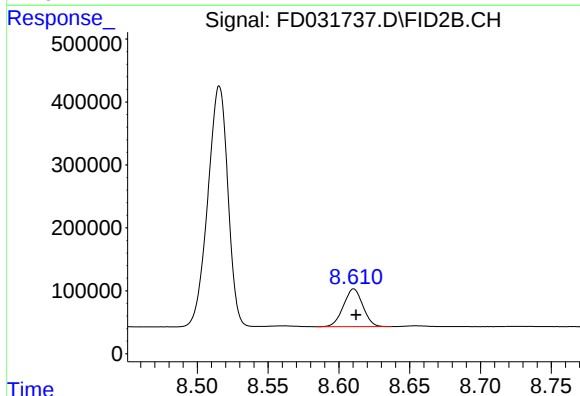
#4 2-Bromonaphthalene (SURR)

R.T.: 7.652 min
Delta R.T.: 0.004 min
Response: 5559888
Conc: 46.71 ug/ml



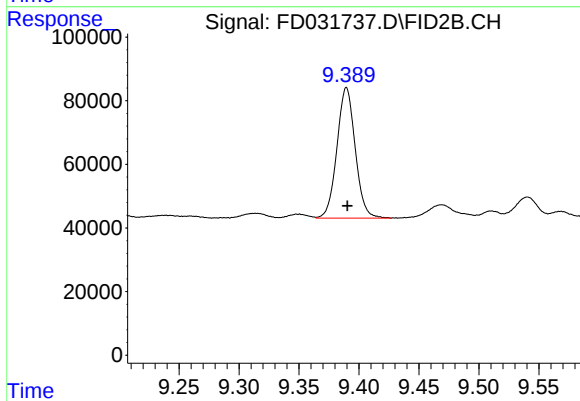
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: 0.005 min
Response: 3760188
Conc: 45.64 ug/ml



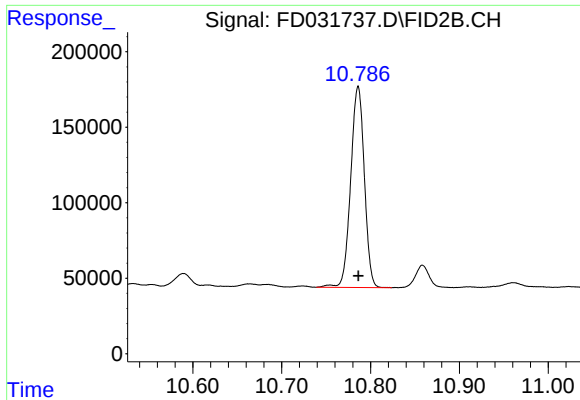
#7 Acenaphthene (C15.5)

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 572146
Conc: 4.37 ug/ml



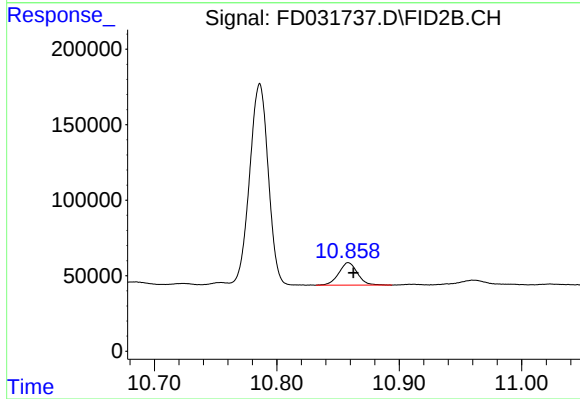
#8 Flouorene (C16.55)

R.T.: 9.390 min
Delta R.T.: 0.000 min
Response: 435299
Conc: 3.33 ug/ml



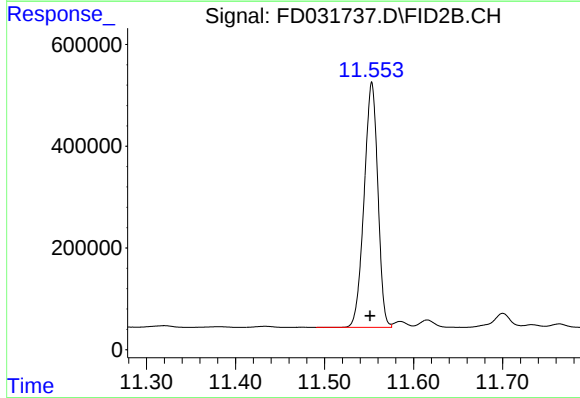
#9 Phenanthrene (C19.36)

R.T.: 10.786 min
Delta R.T.: 0.000 min
Response: 1421206
Conc: 10.79 ug/ml



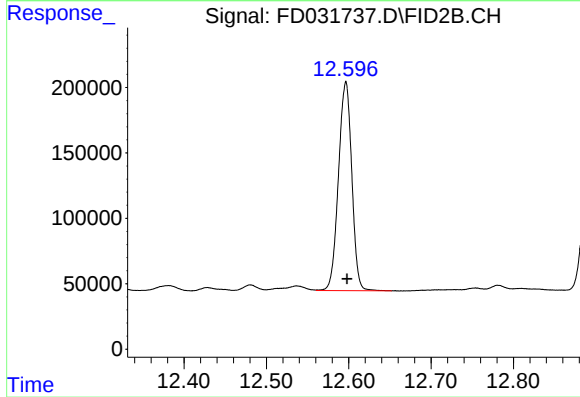
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: -0.004 min
Response: 158429
Conc: 1.23 ug/ml



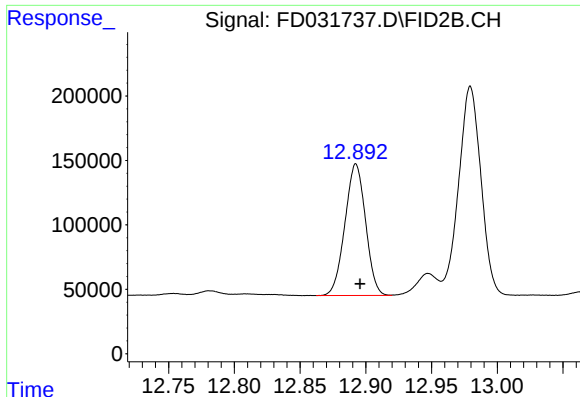
#11 ortho-Terphenyl (SURR)

R.T.: 11.553 min
Delta R.T.: 0.002 min
Response: 5158521
Conc: 40.31 ug/ml



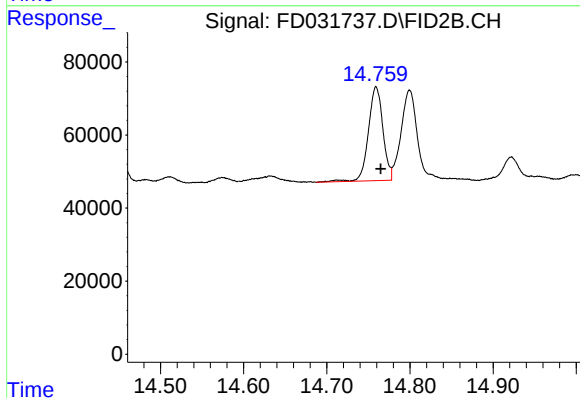
#12 Fluoranthene (C21.85)

R.T.: 12.597 min
Delta R.T.: -0.002 min
Response: 1795333
Conc: 13.55 ug/ml



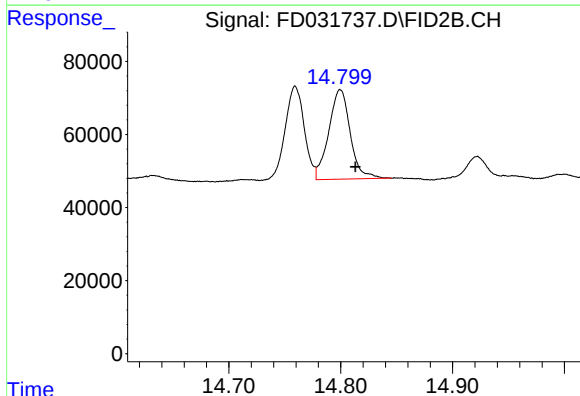
#13 Pyrene (C20.8)

R.T.: 12.893 min
Delta R.T.: -0.003 min
Response: 1116397
Conc: 8.48 ug/ml



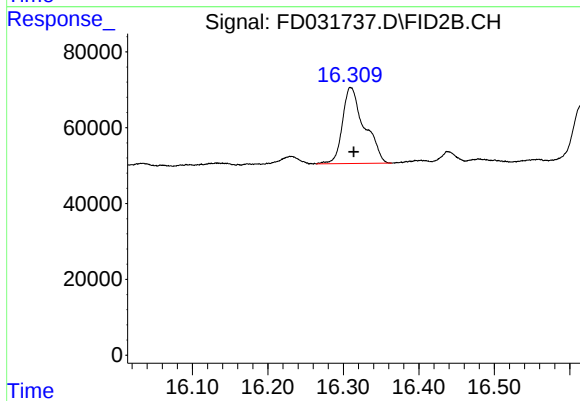
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.759 min
Delta R.T.: -0.005 min
Response: 312094
Conc: 2.47 ug/ml



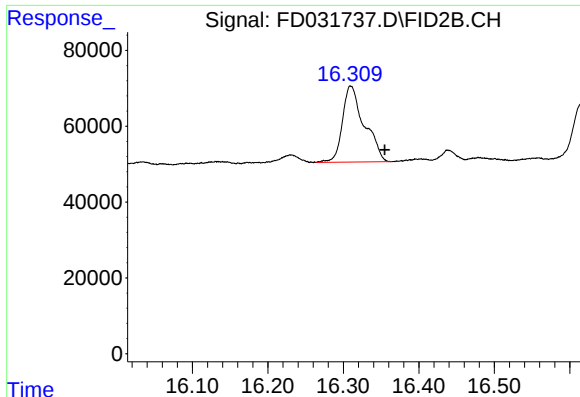
#15 Chrysene (C27.41)

R.T.: 14.800 min
Delta R.T.: -0.013 min
Response: 327723
Conc: 2.58 ug/ml



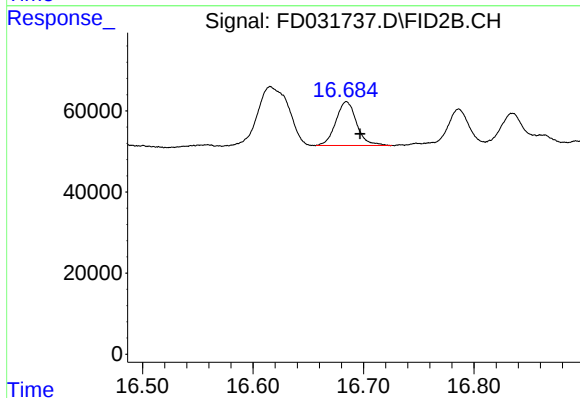
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.310 min
Delta R.T.: -0.004 min
Response: 404370
Conc: 3.22 ug/ml



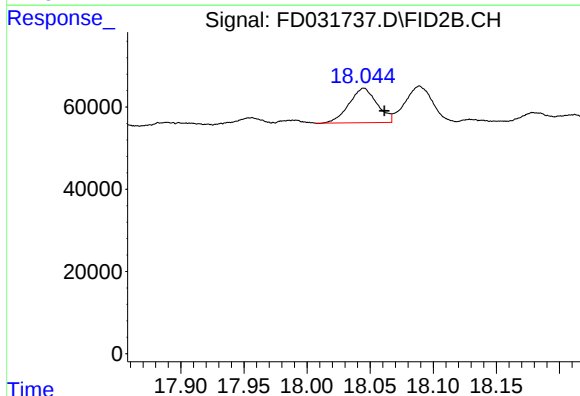
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.310 min
Delta R.T.: -0.045 min
Response: 404370
Conc: 3.21 ug/ml



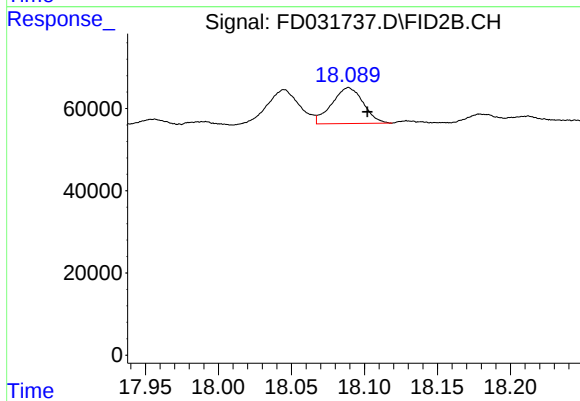
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.685 min
Delta R.T.: -0.012 min
Response: 141549
Conc: 1.14 ug/ml



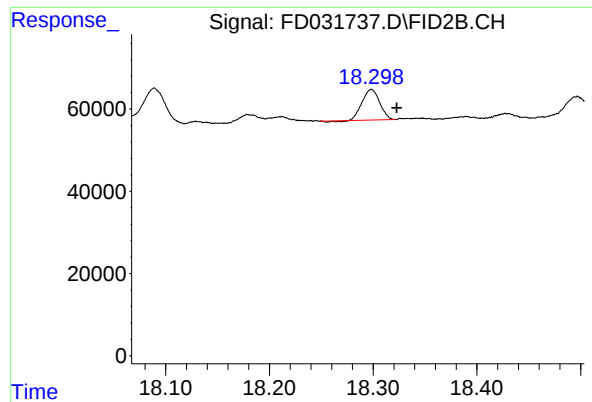
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.045 min
Delta R.T.: -0.016 min
Response: 129636
Conc: 1.07 ug/ml



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

R.T.: 18.089 min
Delta R.T.: -0.013 min
Response: 131233
Conc: 1.06 ug/ml



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

R.T.: 18.298 min
Delta R.T.: -0.024 min
Response: 87501
Conc: 0.73 ug/ml