

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061423AR\
 Data File : FD045831.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2023 16:10
 Operator : YP/AJ
 Sample : PB153418BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 15 02:54:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.524	8526135	47.292 ug/ml
Spiked Amount 50.000		Recovery =	94.58%
6) S 2-Fluorobiphenyl (SURR)	8.379	5472606	45.519 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.04%
11) S ortho-Terphenyl (SURR)	11.423	12260965	54.891 ug/ml
Spiked Amount 50.000		Recovery =	109.78%
Target Compounds			
2) T Naphthalene (C11.7)	5.861	19428	0.092 ug/ml
3) T 2-Methylnaphthalene (...)	6.917	21475	0.102 ug/ml
7) T Acenaphthene (C15.5)	8.467	30961	0.153 ug/ml
10) T Anthracene (C19.43)	10.787	18417	0.108 ug/ml
12) T Fluoranthene (C21.85)	12.451	42134	0.228 ug/ml
14) T Benzo[a]anthracene (C...	14.603	38632	0.247 ug/ml
15) T Chrysene (C27.41)	14.661	202854	1.230 ug/ml
16) T benzo[b]fluoranthene ...	16.175	53512	0.354 ug/ml
17) T Bnezo[k]fluoranthene ...	16.175	53512	0.346 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	52579	0.360 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	85956	0.587 ug/ml
20) T Dibenz[a,h]anthracene...	17.919	225204	1.501 ug/ml
21) T Benzo[g,h,i]perylene ...	18.123	57744	0.391 ug/ml

(f)=RT Delta > 1/2 Window

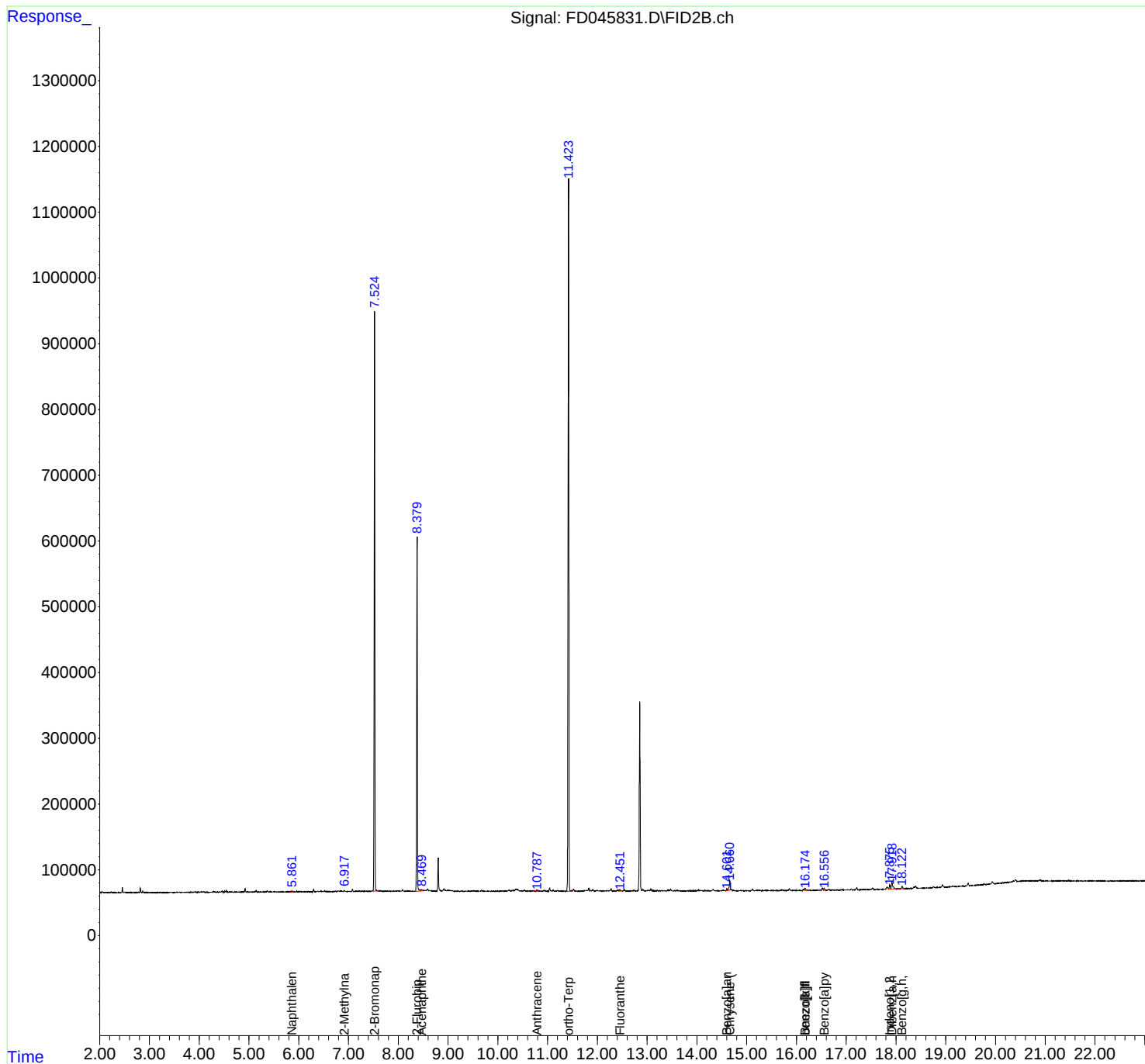
(m)=manual int.

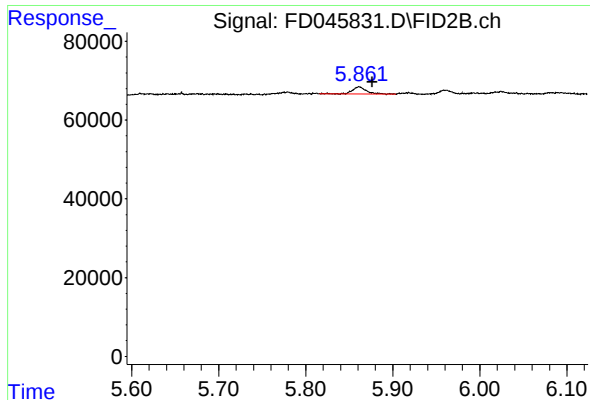
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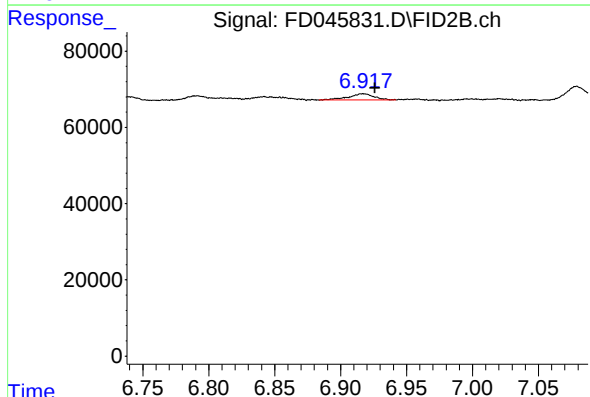




#2 Naphthalene (C11.7)

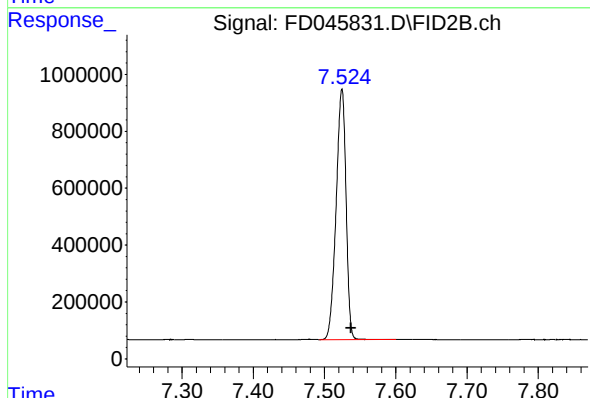
R.T.: 5.861 min
Delta R.T.: -0.015 min
Response: 19428
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



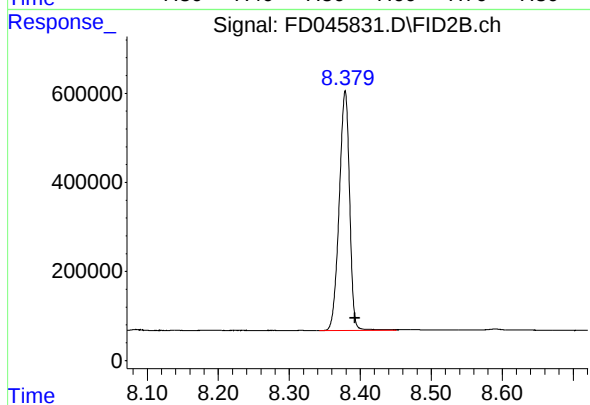
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.917 min
Delta R.T.: -0.009 min
Response: 21475
Conc: 0.10 ug/ml



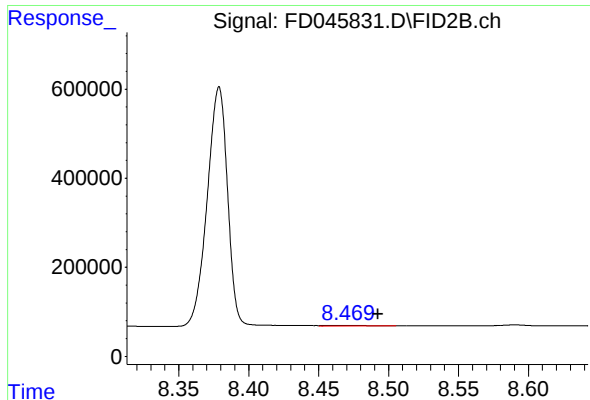
#4 2-Bromonaphthalene (SURR)

R.T.: 7.524 min
Delta R.T.: -0.013 min
Response: 8526135
Conc: 47.29 ug/ml



#6 2-Fluorobiphenyl (SURR)

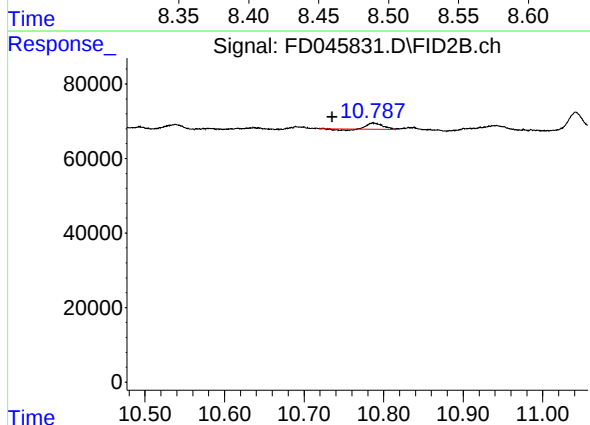
R.T.: 8.379 min
Delta R.T.: -0.014 min
Response: 5472606
Conc: 45.52 ug/ml



#7 Acenaphthene (C15.5)

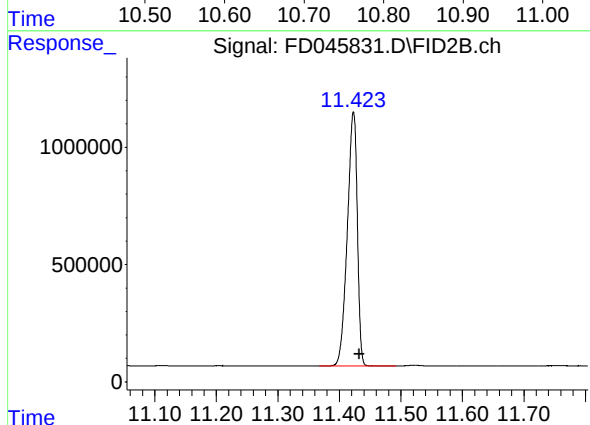
R.T.: 8.467 min
Delta R.T.: -0.025 min
Response: 30961
Conc: 0.15 ug/ml

Instrument :
FID_D
ClientSampleId :



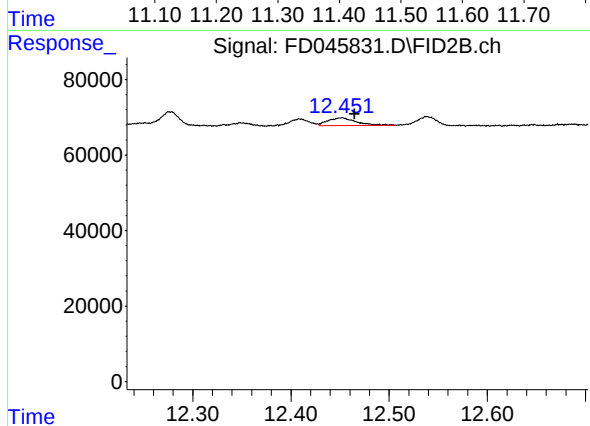
#10 Anthracene (C19.43)

R.T.: 10.787 min
Delta R.T.: 0.052 min
Response: 18417
Conc: 0.11 ug/ml



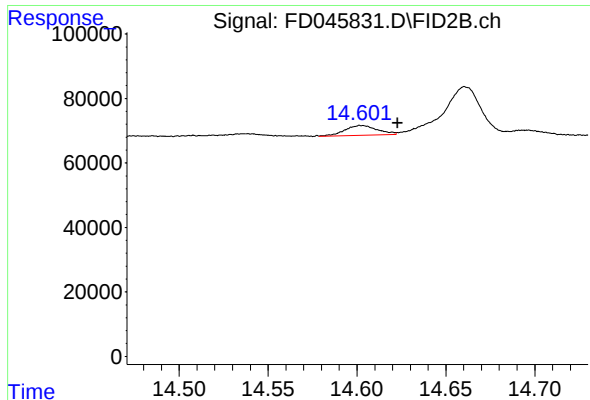
#11 ortho-Terphenyl (SURR)

R.T.: 11.423 min
Delta R.T.: -0.010 min
Response: 12260965
Conc: 54.89 ug/ml



#12 Fluoranthene (C21.85)

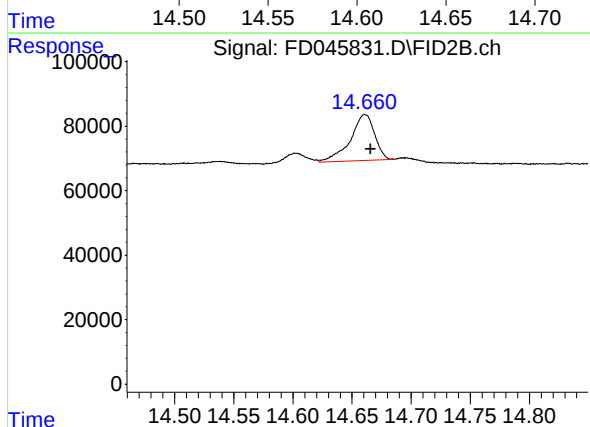
R.T.: 12.451 min
Delta R.T.: -0.014 min
Response: 42134
Conc: 0.23 ug/ml



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

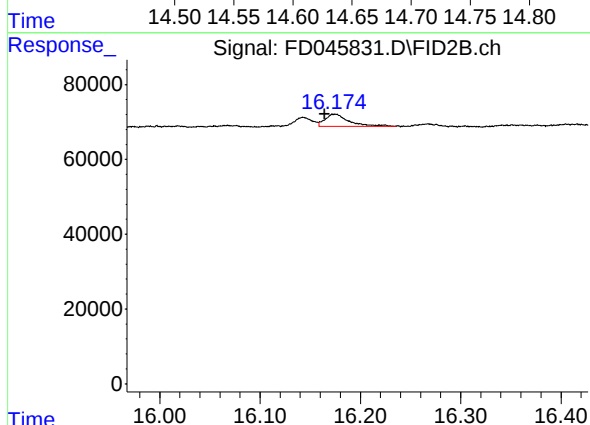
R.T.: 14.603 min
Delta R.T.: -0.021 min
Response: 38632
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



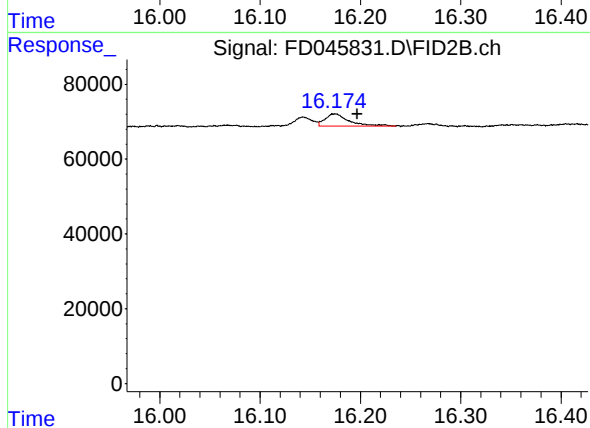
#15 Chrysene (C27.41)

R.T.: 14.661 min
Delta R.T.: -0.005 min
Response: 202854
Conc: 1.23 ug/ml



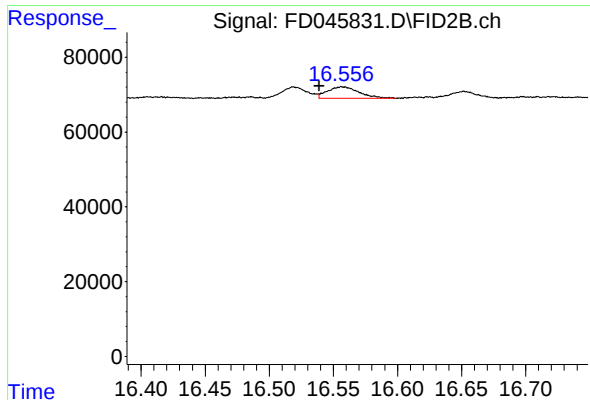
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.175 min
Delta R.T.: 0.010 min
Response: 53512
Conc: 0.35 ug/ml



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

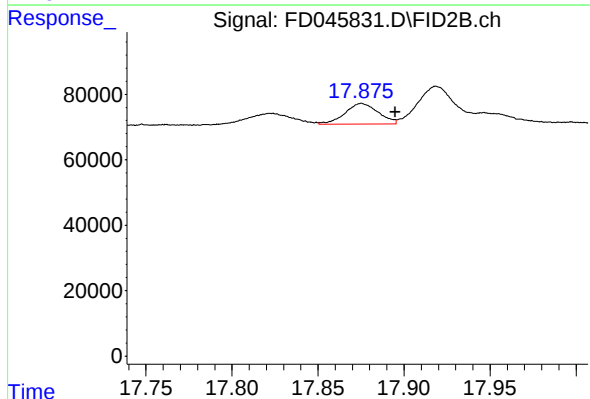
R.T.: 16.175 min
Delta R.T.: -0.022 min
Response: 53512
Conc: 0.35 ug/ml



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

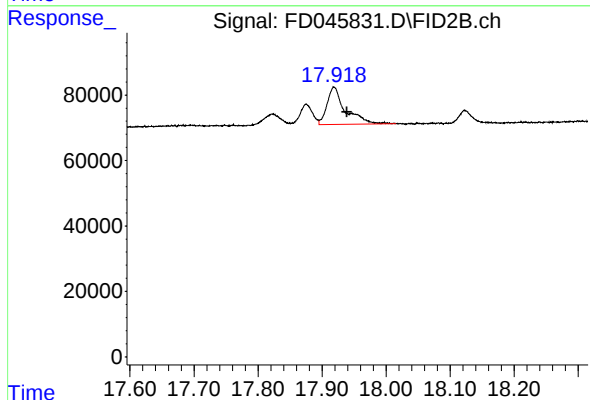
R.T.: 16.557 min
Delta R.T.: 0.018 min
Response: 52579
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



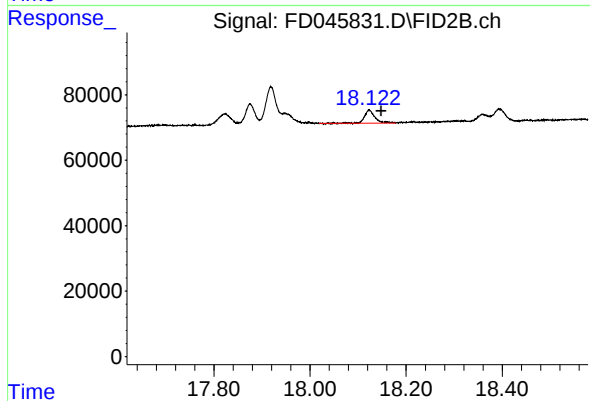
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: -0.019 min
Response: 85956
Conc: 0.59 ug/ml



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

R.T.: 17.919 min
Delta R.T.: -0.020 min
Response: 225204
Conc: 1.50 ug/ml



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

R.T.: 18.123 min
Delta R.T.: -0.026 min
Response: 57744
Conc: 0.39 ug/ml