

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122822AR\  
 Data File : FD044732.D  
 Signal(s) : FID2B.ch  
 Acq On : 28 Dec 2022 17:11  
 Operator : YP/AJ  
 Sample : PB149940BS  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB149940BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/29/2022  
 Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e  
 Quant Time: Dec 29 05:15:06 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 122422.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Dec 25 17:15:10 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

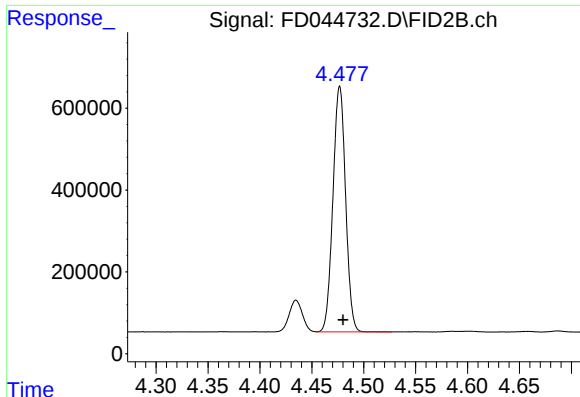
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units    |
|------------------------------------|--------|------------|---------------|
| -----                              |        |            |               |
| System Monitoring Compounds        |        |            |               |
| 4) S 2-Bromonaphthalene (S...      | 7.660  | 7161615    | 49.663 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 99.33%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.518  | 4733215    | 48.760 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 97.52%        |
| 11) S ortho-Terphenyl (SURR)       | 11.547 | 7043600    | 39.094 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 78.19%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.477  | 5094765    | 31.665 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.007  | 5762200    | 34.331 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.053  | 5913759    | 35.172 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.322  | 6200516    | 40.881 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.617  | 6334504    | 39.075 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.393  | 6281979    | 39.416 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.783 | 6292740    | 40.098 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.858 | 6098592    | 48.498 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.585 | 6302093    | 40.132 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.881 | 6319242    | 41.280 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.741 | 5996957    | 42.176 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.785 | 6009357    | 39.629 ug/mlm |
| 16) T benzo[b]fluoranthene ...     | 16.281 | 6119398    | 40.689 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.316 | 5707798    | 37.674 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.657 | 5427892    | 37.412 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.013 | 5354951    | 37.867 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.052 | 5025216    | 34.281 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.267 | 5191289    | 36.543 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.





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

R.T.: 4.477 min  
Delta R.T.: -0.003 min  
Response: 5094765  
Conc: 31.66 ug/ml

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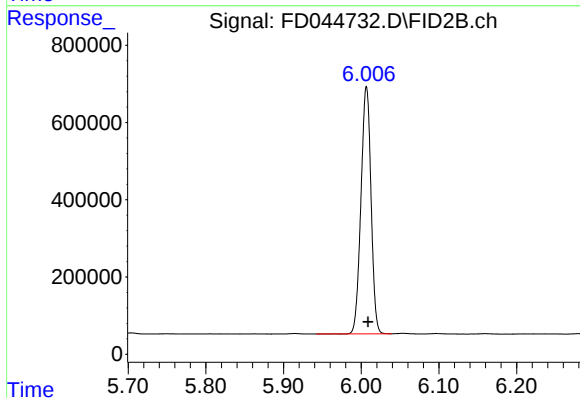
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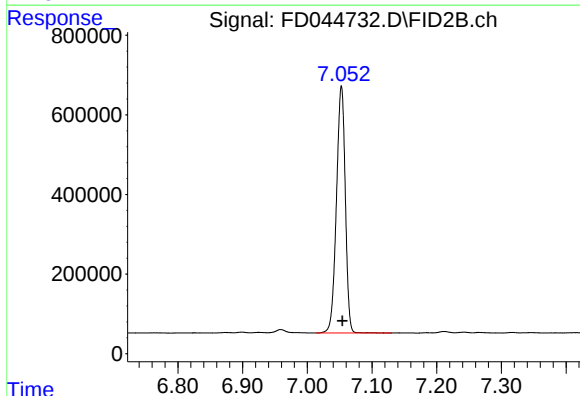
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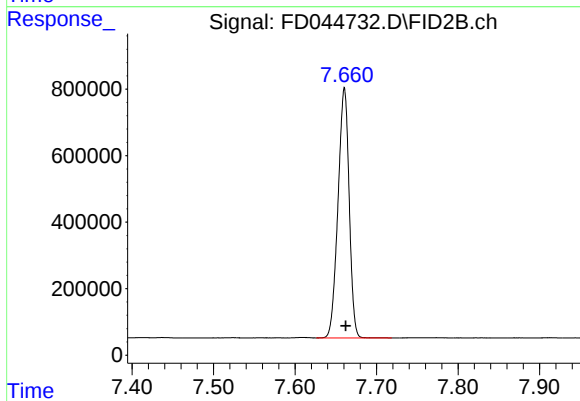
#2 Naphthalene (C11.7)

R.T.: 6.007 min  
Delta R.T.: -0.002 min  
Response: 5762200  
Conc: 34.33 ug/ml



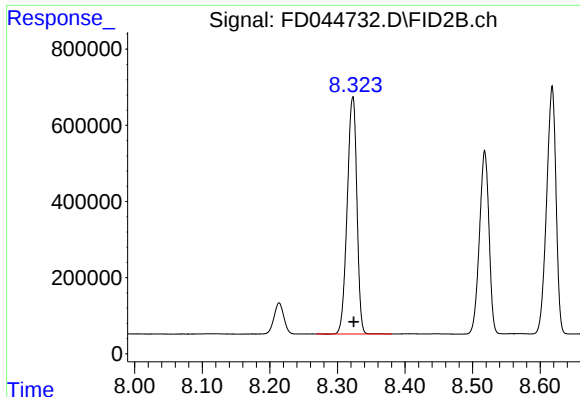
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min  
Delta R.T.: -0.002 min  
Response: 5913759  
Conc: 35.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.660 min  
Delta R.T.: -0.002 min  
Response: 7161615  
Conc: 49.66 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.322 min  
Delta R.T.: -0.002 min  
Response: 6200516  
Conc: 40.88 ug/ml

Instrument :

FID\_D

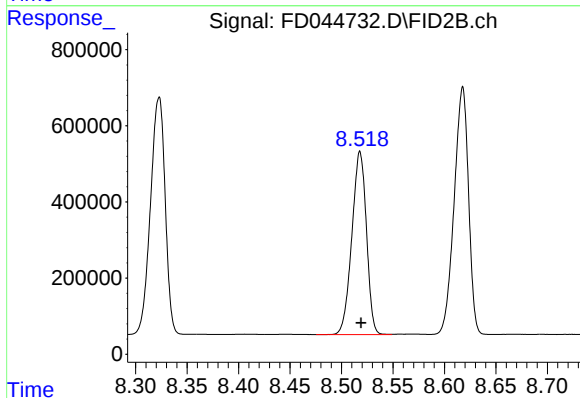
ClientSampleId :

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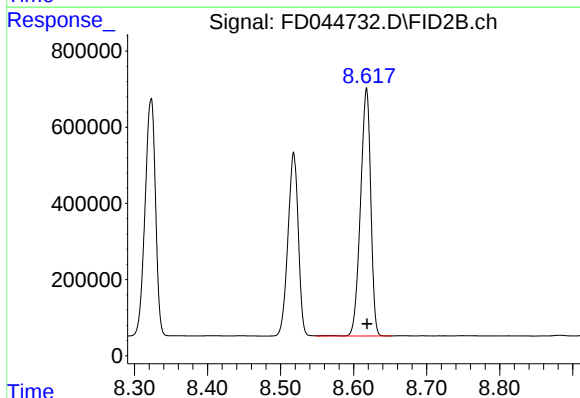
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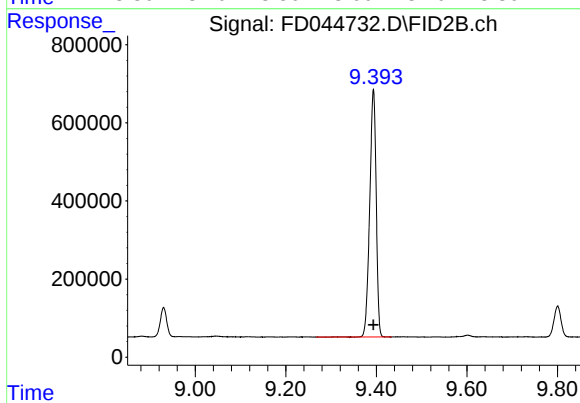
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.518 min  
Delta R.T.: 0.000 min  
Response: 4733215  
Conc: 48.76 ug/ml



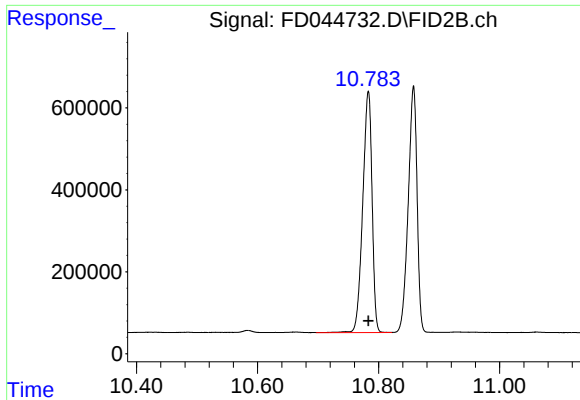
#7 Acenaphthene (C15.5)

R.T.: 8.617 min  
Delta R.T.: 0.000 min  
Response: 6334504  
Conc: 39.08 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.393 min  
Delta R.T.: 0.000 min  
Response: 6281979  
Conc: 39.42 ug/ml



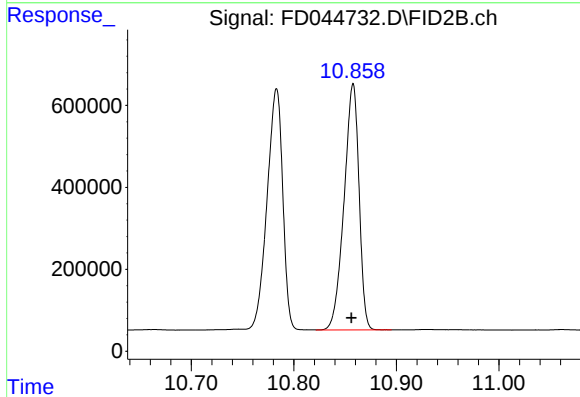
#9 Phenanthrene (C19.36)

R.T.: 10.783 min  
Delta R.T.: 0.000 min  
Response: 6292740  
Conc: 40.10 ug/ml

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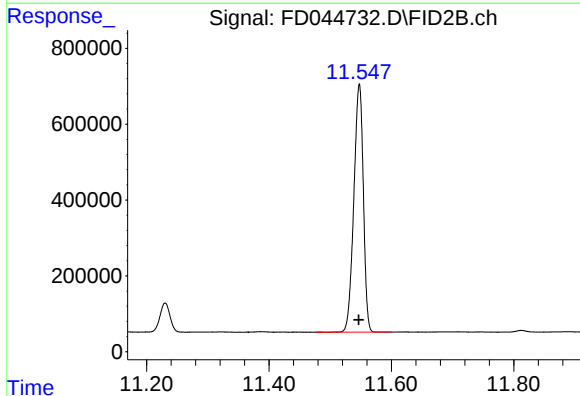
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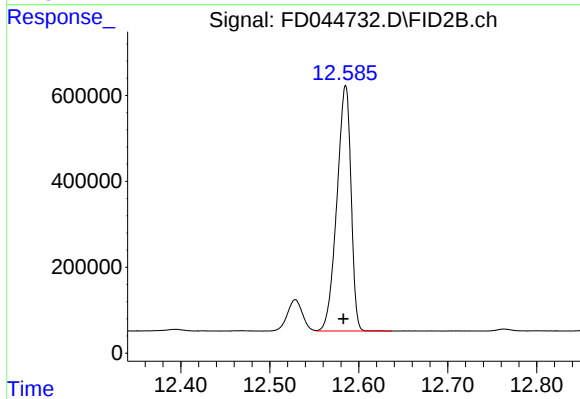
#10 Anthracene (C19.43)

R.T.: 10.858 min  
Delta R.T.: 0.001 min  
Response: 6098592  
Conc: 48.50 ug/ml



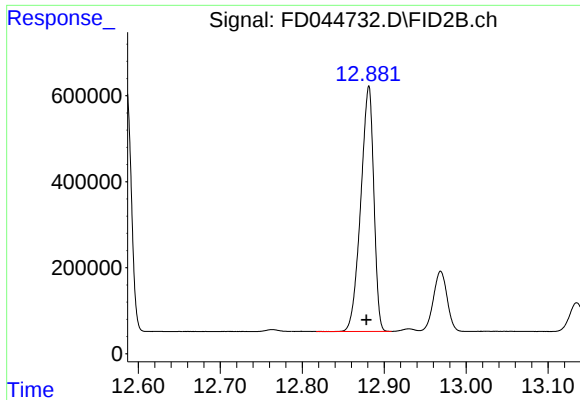
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min  
Delta R.T.: 0.000 min  
Response: 7043600  
Conc: 39.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.585 min  
Delta R.T.: 0.002 min  
Response: 6302093  
Conc: 40.13 ug/ml



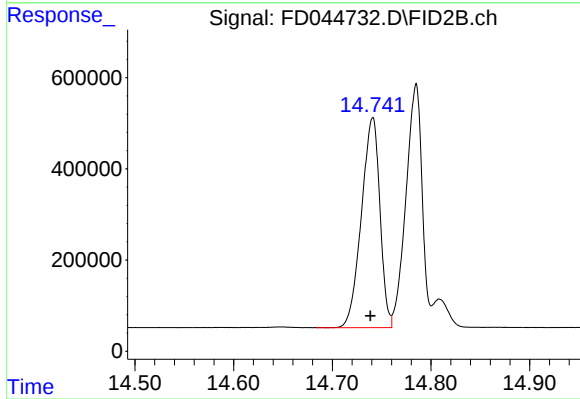
#13 Pyrene (C20.8)

R.T.: 12.881 min  
Delta R.T.: 0.002 min  
Response: 6319242  
Conc: 41.28 ug/ml

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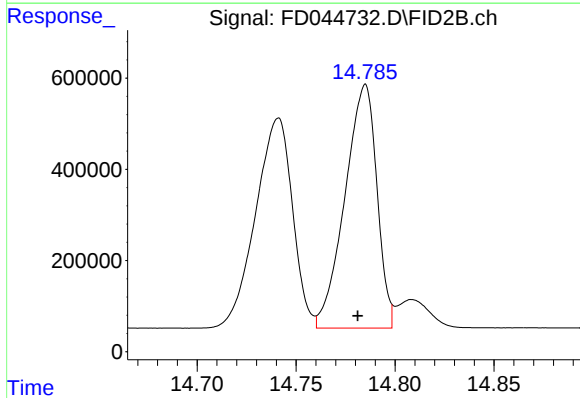
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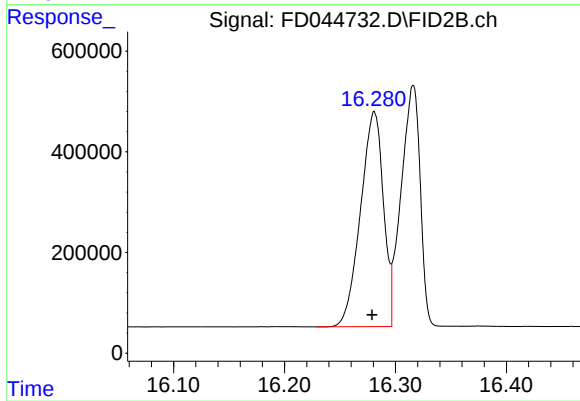
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min  
Delta R.T.: 0.002 min  
Response: 5996957  
Conc: 42.18 ug/ml



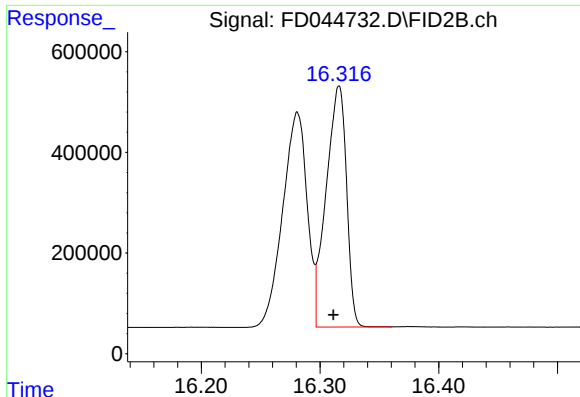
#15 Chrysene (C27.41)

R.T.: 14.785 min  
Delta R.T.: 0.004 min  
Response: 6009357  
Conc: 39.63 ug/ml m



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

R.T.: 16.281 min  
Delta R.T.: 0.002 min  
Response: 6119398  
Conc: 40.69 ug/ml



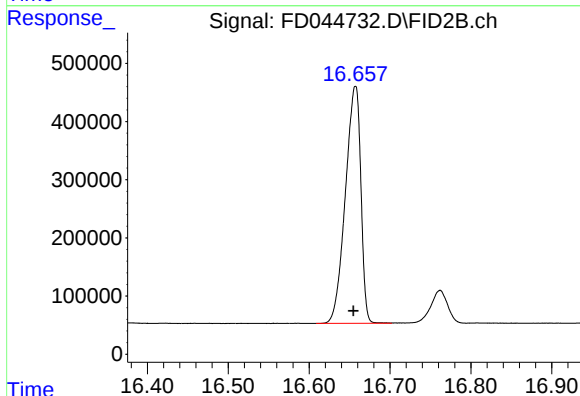
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.316 min  
Delta R.T.: 0.004 min  
Response: 5707798  
Conc: 37.67 ug/ml

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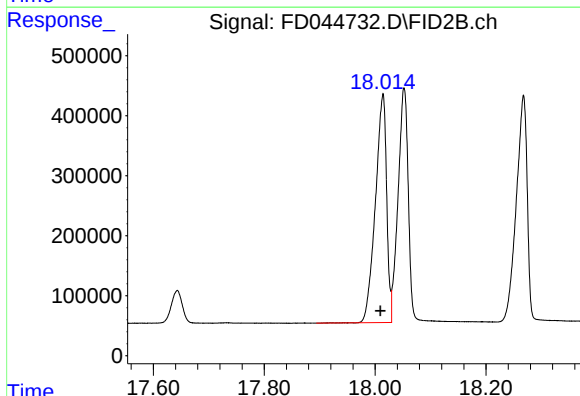
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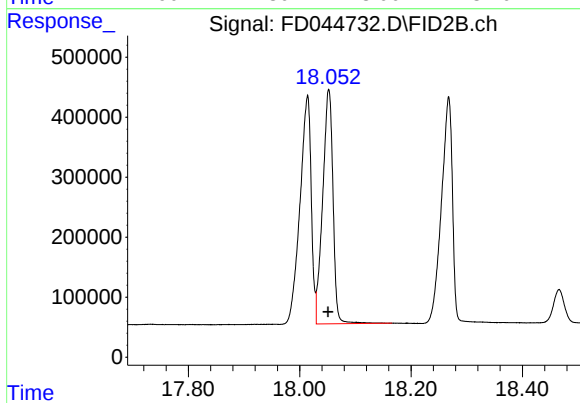
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.657 min  
Delta R.T.: 0.002 min  
Response: 5427892  
Conc: 37.41 ug/ml



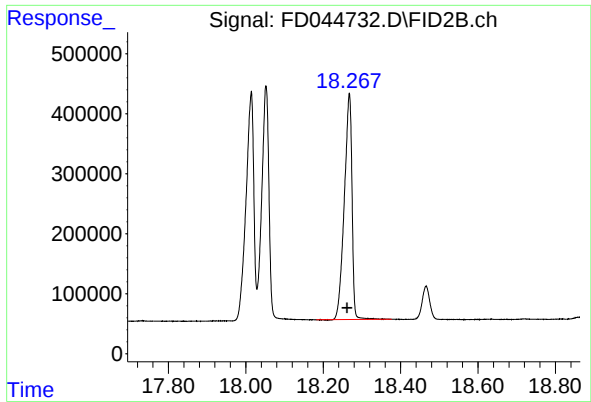
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min  
Delta R.T.: 0.004 min  
Response: 5354951  
Conc: 37.87 ug/ml



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

R.T.: 18.052 min  
Delta R.T.: 0.001 min  
Response: 5025216  
Conc: 34.28 ug/ml



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

R.T.: 18.267 min  
Delta R.T.: 0.005 min  
Response: 5191289  
Conc: 36.54 ug/ml

Instrument :  
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