

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051320AR\
 Data File : FD033493.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2020 12:52
 Operator : DD\AJ
 Sample : L2182-03
 Misc : MDL-SOIL-2.5 PPM
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 14 03:04:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 2020
 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...	7.579	5141294	46.750 ug/ml
Spiked Amount 50.000		Recovery =	93.50%
6) S 2-Fluorobiphenyl (SURR)	8.440	3575456	48.152 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	96.30%
11) S ortho-Terphenyl (SURR)	11.473	5410421	41.927 ug/ml
Spiked Amount 50.000		Recovery =	83.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390	192753	1.694 ug/ml
2) T Naphthalene (C11.7)	5.926	189636	1.609 ug/ml
3) T 2-Methylnaphthalene (...)	6.974	190791	1.602 ug/ml
5) T Acenaphthylene (C15.06)	8.243	228817	1.896 ug/ml
7) T Acenaphthene (C15.5)	8.536	257653	2.041 ug/ml
8) T Fluorene (C16.55)	9.320	205767	1.680 ug/ml
9) T Phenanthrene (C19.36)	10.714	214493	1.697 ug/ml
10) T Anthracene (C19.43)	10.790	190881	1.569 ug/ml
12) T Fluoranthene (C21.85)	12.523	225377	1.739 ug/ml
13) T Pyrene (C20.8)	12.819	216238	1.674 ug/ml
14) T Benzo[a]anthracene (C...	14.734	297759	2.437 ug/ml
15) T Chrysene (C27.41)	14.734	297759	2.312 ug/ml
16) T benzo[b]fluoranthene ...	16.276	236615	1.902 ug/ml
17) T Bnezo[k]fluoranthene ...	16.276	236615	1.838 ug/ml

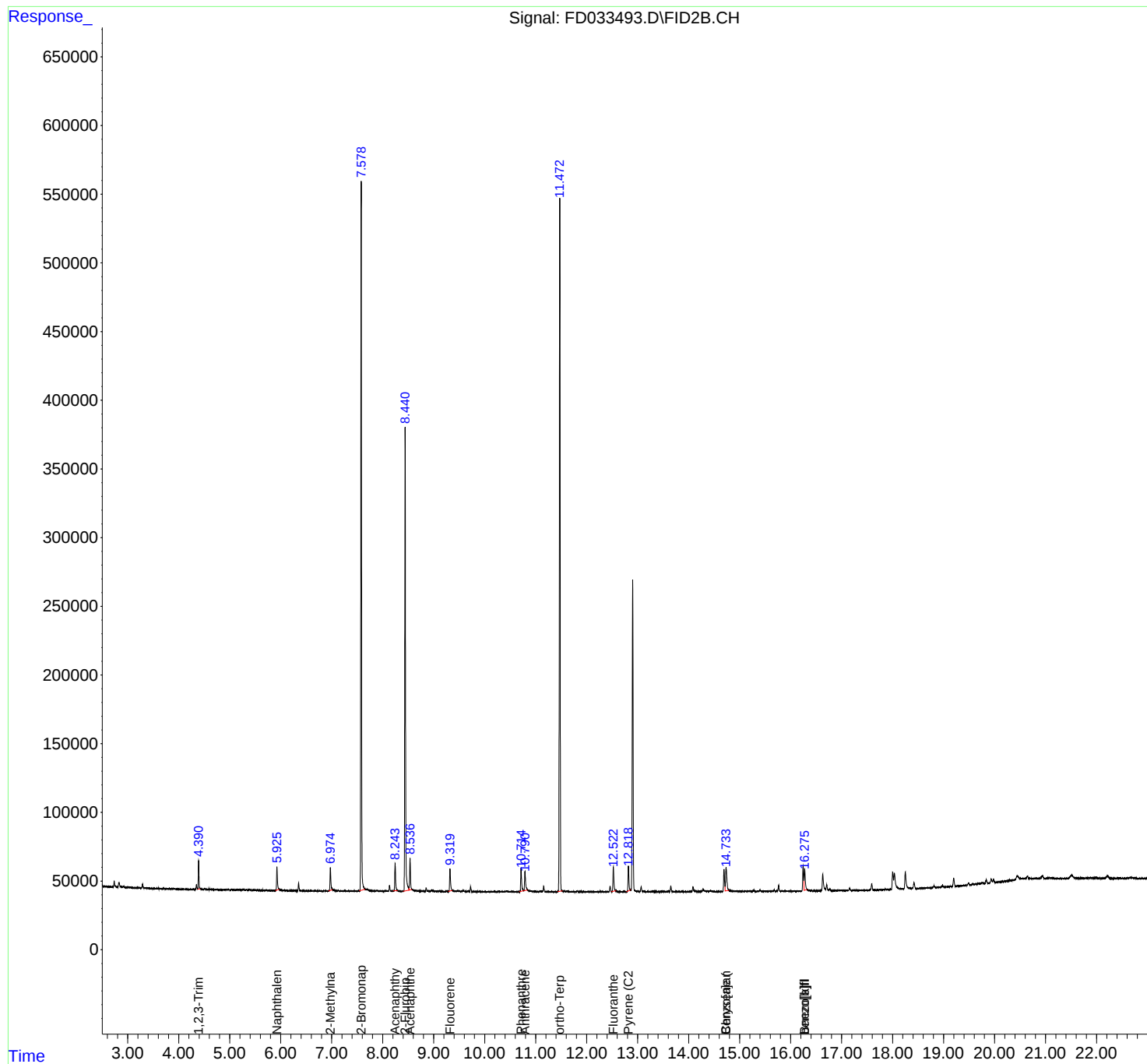
(f)=RT Delta > 1/2 Window

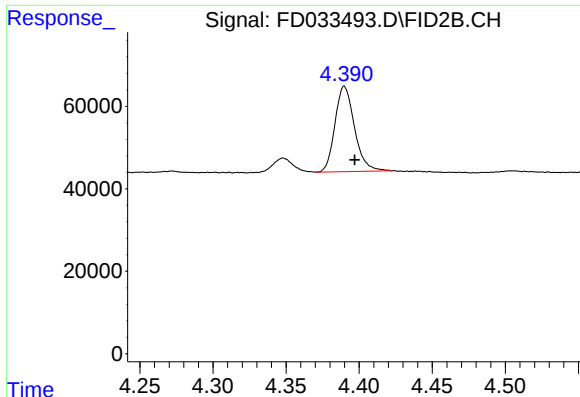
(m)=manual int.

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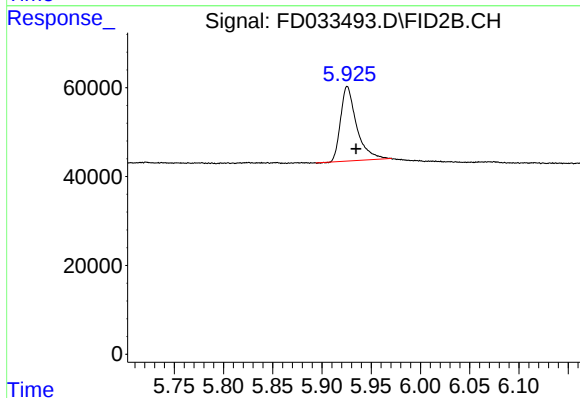
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





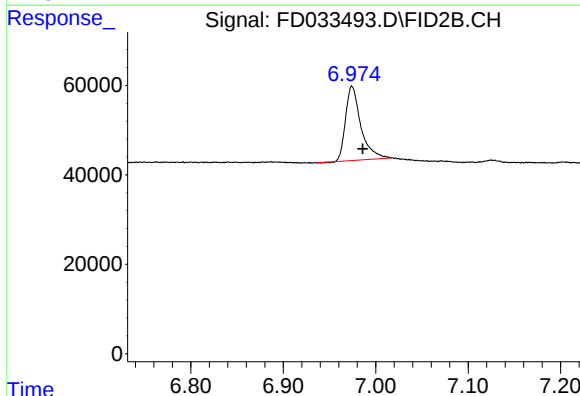
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.390 min
Delta R.T.: -0.007 min
Response: 192753
Conc: 1.69 ug/ml



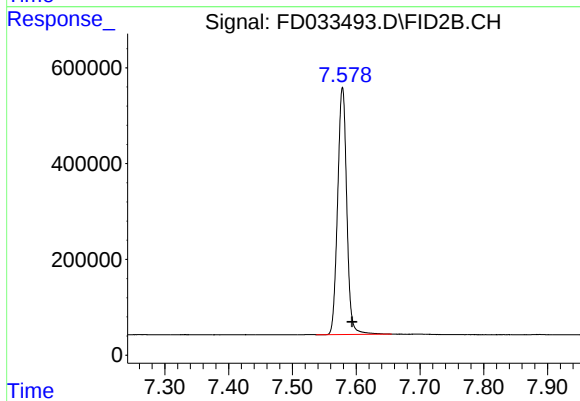
#2 Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.009 min
Response: 189636
Conc: 1.61 ug/ml



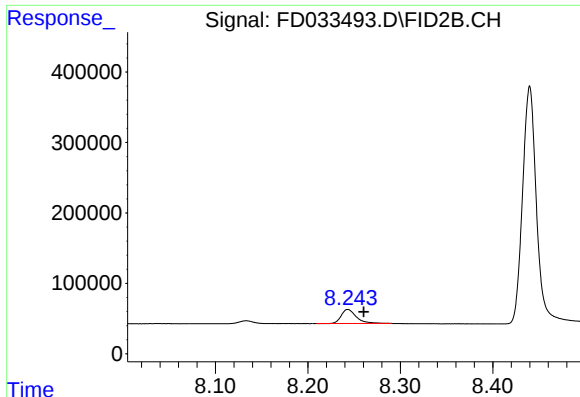
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.974 min
Delta R.T.: -0.012 min
Response: 190791
Conc: 1.60 ug/ml



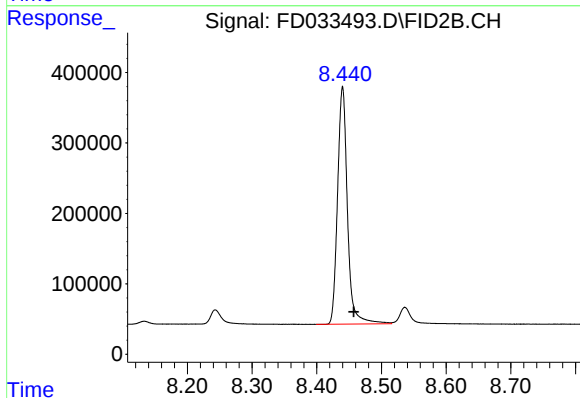
#4 2-Bromonaphthalene (SURR)

R.T.: 7.579 min
Delta R.T.: -0.015 min
Response: 5141294
Conc: 46.75 ug/ml



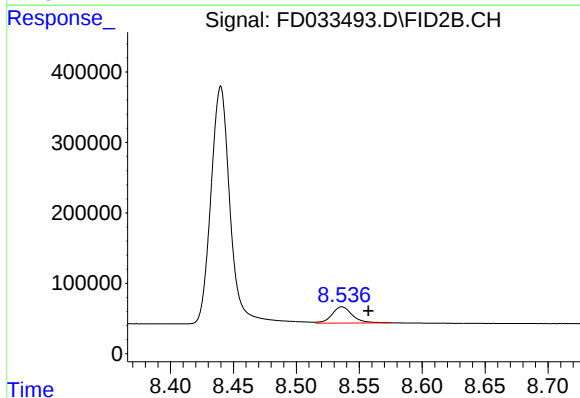
#5 Acenaphthylene (C15.06)

R.T.: 8.243 min
Delta R.T.: -0.017 min
Response: 228817
Conc: 1.90 ug/ml



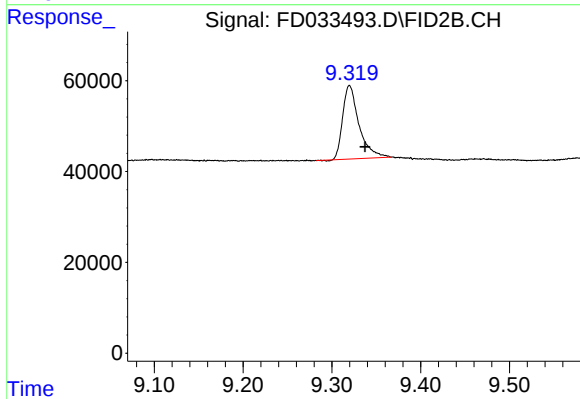
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.440 min
Delta R.T.: -0.017 min
Response: 3575456
Conc: 48.15 ug/ml



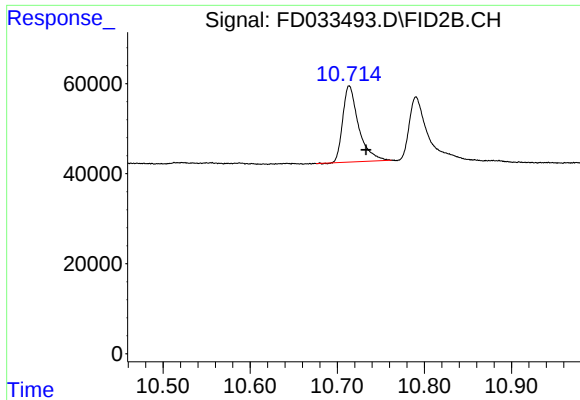
#7 Acenaphthene (C15.5)

R.T.: 8.536 min
Delta R.T.: -0.021 min
Response: 257653
Conc: 2.04 ug/ml



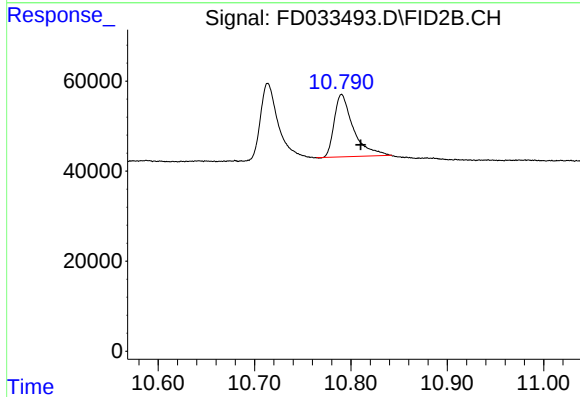
#8 Flouorene (C16.55)

R.T.: 9.320 min
Delta R.T.: -0.017 min
Response: 205767
Conc: 1.68 ug/ml



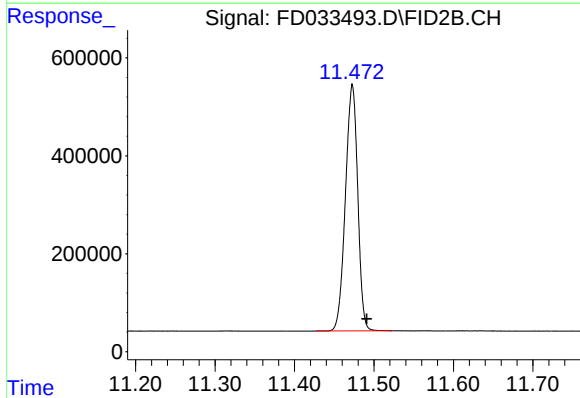
#9 Phenanthrene (C19.36)

R.T.: 10.714 min
Delta R.T.: -0.019 min
Response: 214493
Conc: 1.70 ug/ml



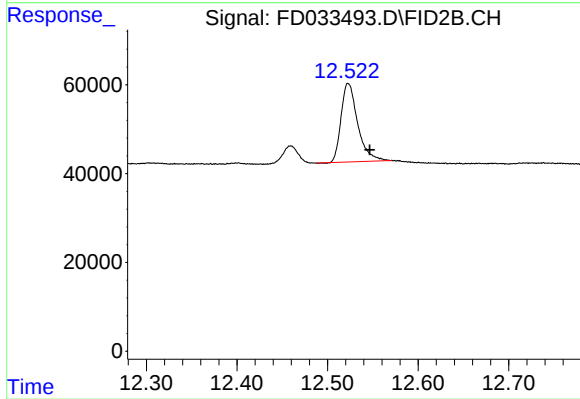
#10 Anthracene (C19.43)

R.T.: 10.790 min
Delta R.T.: -0.020 min
Response: 190881
Conc: 1.57 ug/ml



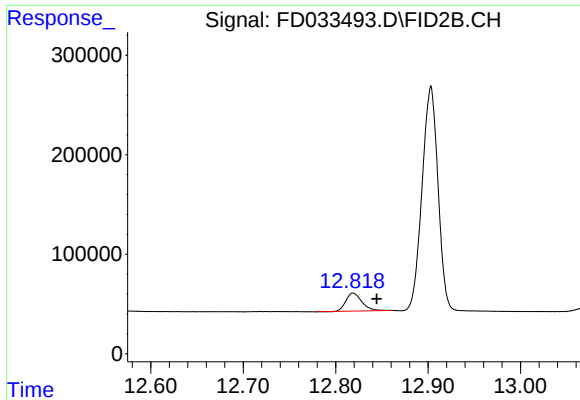
#11 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: -0.018 min
Response: 5410421
Conc: 41.93 ug/ml



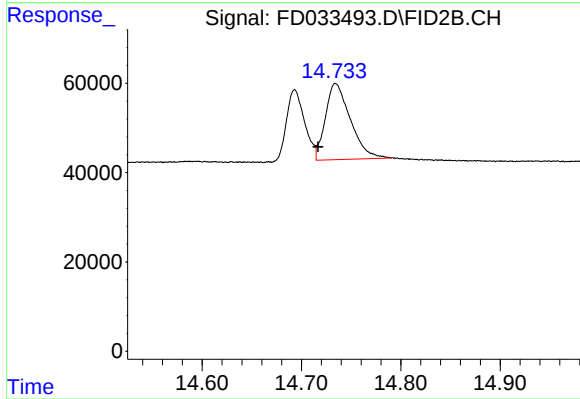
#12 Fluoranthene (C21.85)

R.T.: 12.523 min
Delta R.T.: -0.024 min
Response: 225377
Conc: 1.74 ug/ml



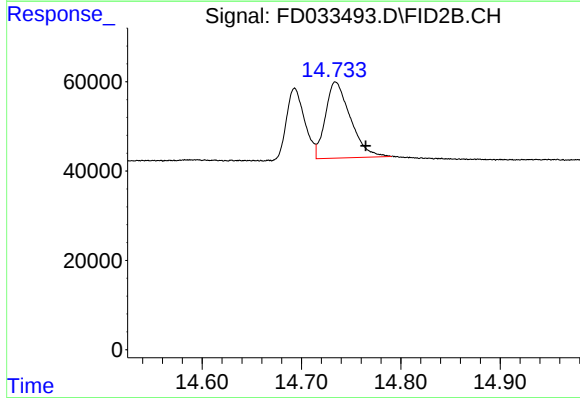
#13 Pyrene (C20.8)

R.T.: 12.819 min
Delta R.T.: -0.025 min
Response: 216238
Conc: 1.67 ug/ml



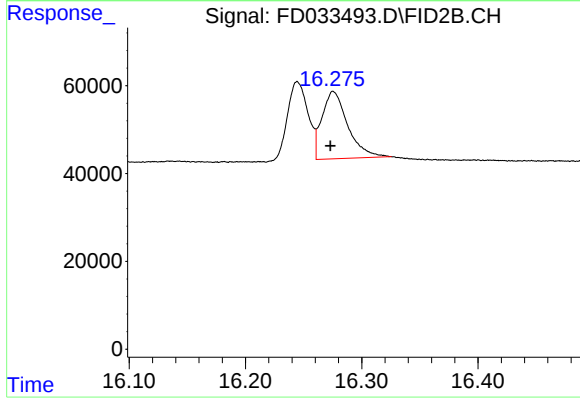
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.734 min
Delta R.T.: 0.018 min
Response: 297759
Conc: 2.44 ug/ml



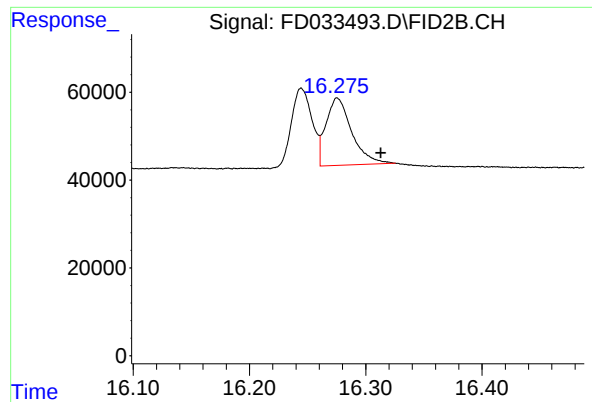
#15 Chrysene (C27.41)

R.T.: 14.734 min
Delta R.T.: -0.030 min
Response: 297759
Conc: 2.31 ug/ml



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

R.T.: 16.276 min
Delta R.T.: 0.003 min
Response: 236615
Conc: 1.90 ug/ml



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

R.T.: 16.276 min
Delta R.T.: -0.037 min
Response: 236615
Conc: 1.84 ug/ml