

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045900.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 10:00
 Operator : YP/AJ
 Sample : 03282-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 13:18:25 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...	7.522	8037360	44.581 ug/ml
Spiked Amount 50.000		Recovery =	89.16%
6) S 2-Fluorobiphenyl (SURR)	8.375	3549627	29.524 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	59.05%
11) S ortho-Terphenyl (SURR)	11.414	4673904	20.925 ug/ml
Spiked Amount 50.000		Recovery =	41.85%
Target Compounds			
2) T Naphthalene (C11.7)	5.860	37680	0.178 ug/ml
3) T 2-Methylnaphthalene (...)	6.914	45239	0.214 ug/ml
7) T Acenaphthene (C15.5)	8.432f	27479	0.136 ug/ml
9) T Phenanthrene (C19.36)	10.639	56609	0.296 ug/ml
12) T Fluoranthene (C21.85)	12.441	90395	0.489 ug/ml
13) T Pyrene (C20.8)	12.735	76593	0.429 ug/ml
14) T Benzo[a]anthracene (C...	14.640	104430	0.667 ug/ml
15) T Chrysene (C27.41)	14.640	104430	0.633 ug/ml
16) T benzo[b]fluoranthene ...	16.168	41223	0.272 ug/ml
17) T Bnezo[k]fluoranthene ...	16.168	41223	0.266 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.512	47256	0.323 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	236906	1.617 ug/ml
20) T Dibenz[a,h]anthracene...	17.948	85110	0.567 ug/ml
21) T Benzo[g,h,i]perylene ...	18.117	54388	0.369 ug/ml

(f)=RT Delta > 1/2 Window

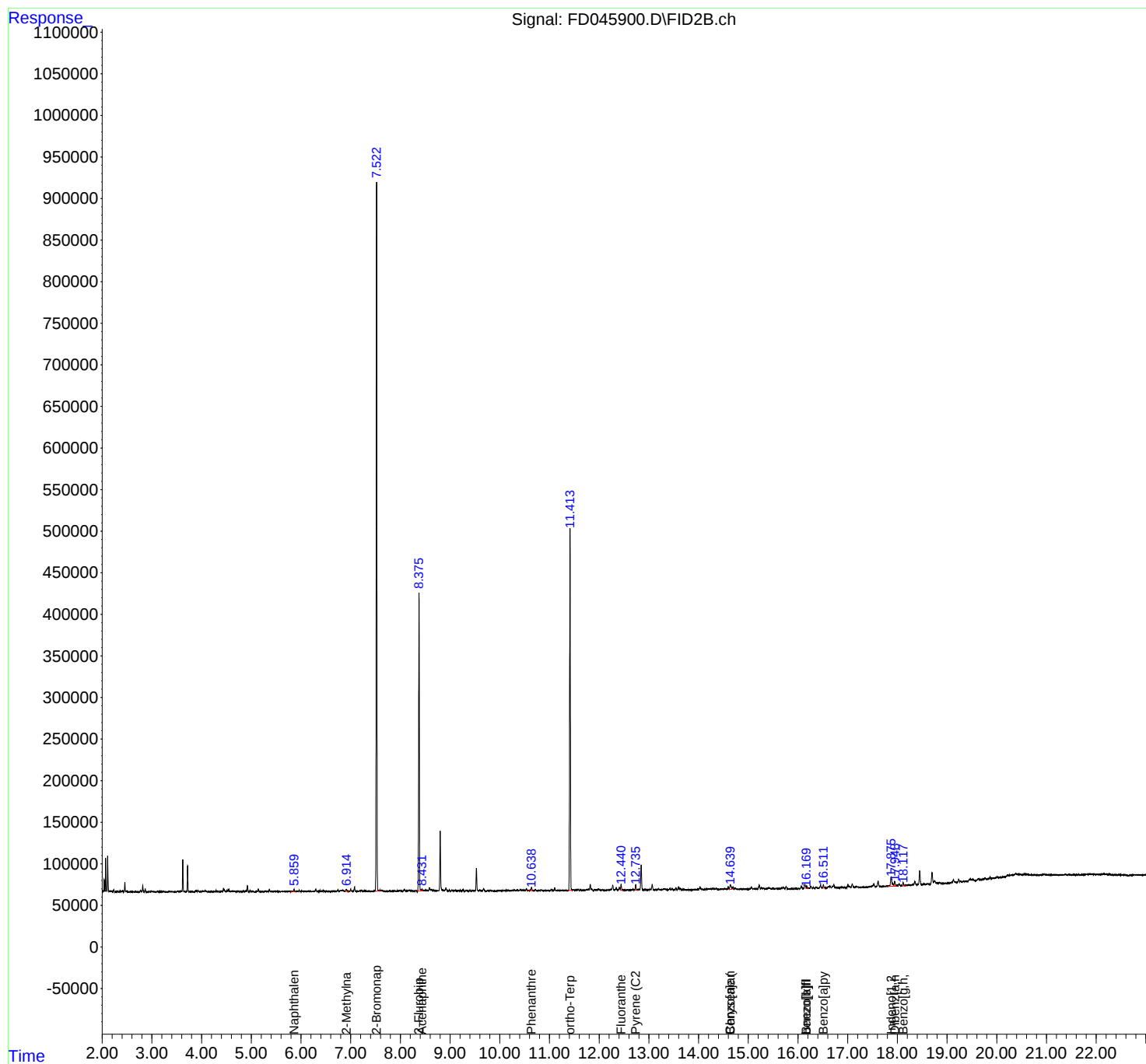
(m)=manual int.

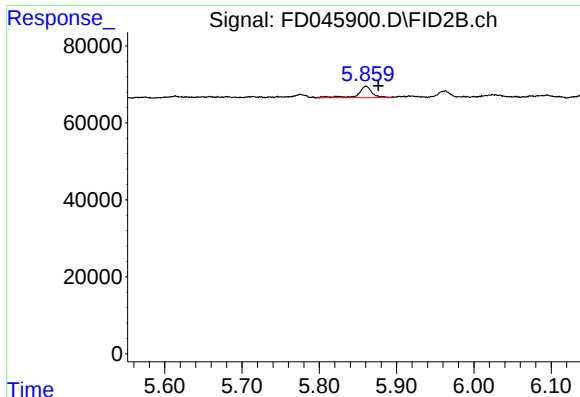
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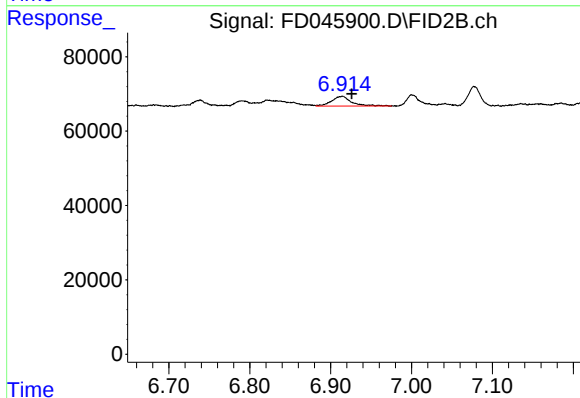




#2 Naphthalene (C11.7)

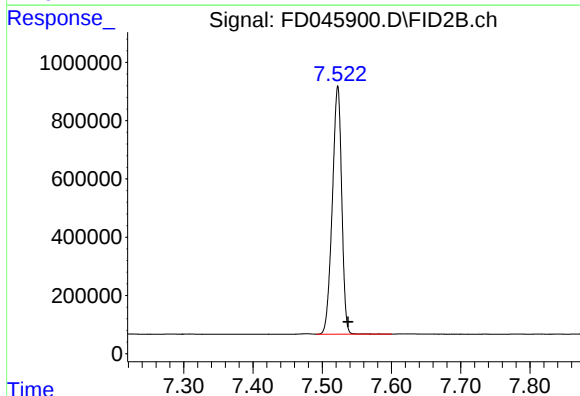
R.T.: 5.860 min
Delta R.T.: -0.016 min
Response: 37680
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



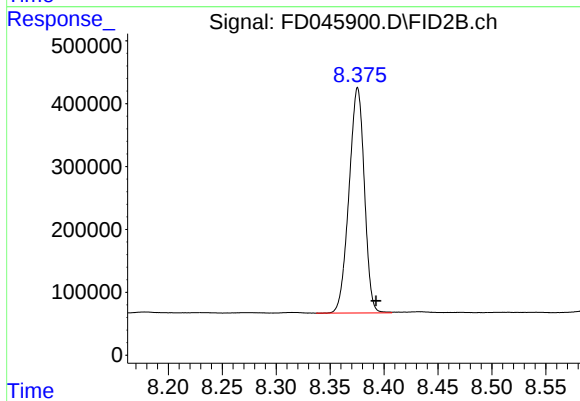
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: -0.012 min
Response: 45239
Conc: 0.21 ug/ml



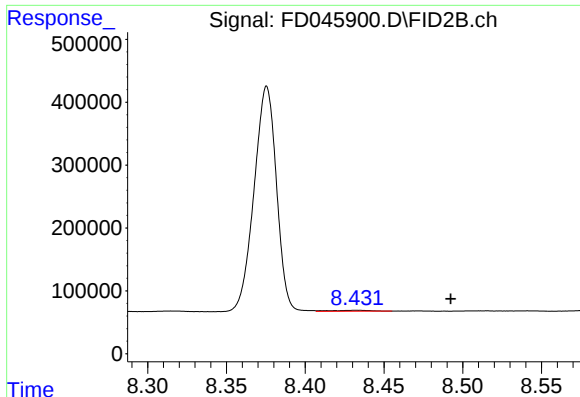
#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min
Delta R.T.: -0.015 min
Response: 8037360
Conc: 44.58 ug/ml



#6 2-Fluorobiphenyl (SURR)

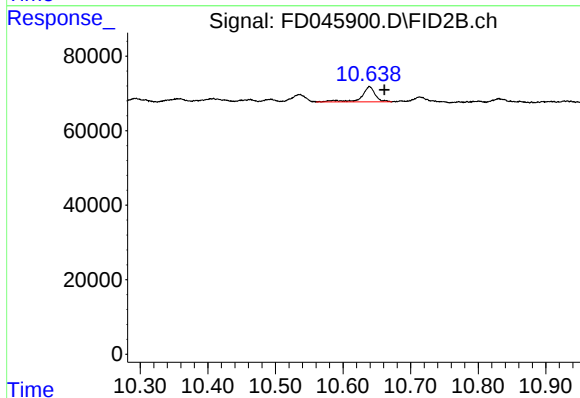
R.T.: 8.375 min
Delta R.T.: -0.017 min
Response: 3549627
Conc: 29.52 ug/ml



#7 Acenaphthene (C15.5)

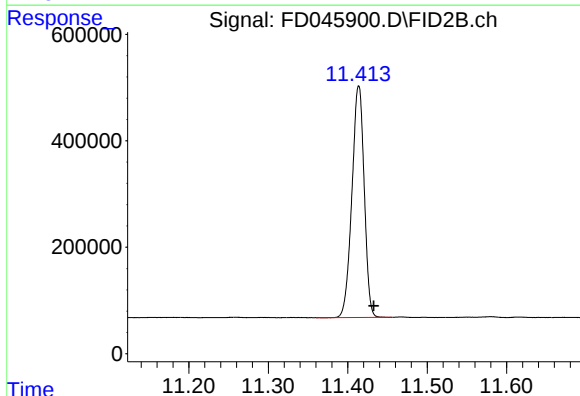
R.T.: 8.432 min
Delta R.T.: -0.060 min
Response: 27479
Conc: 0.14 ug/ml

Instrument :
FID_D
ClientSampleId :



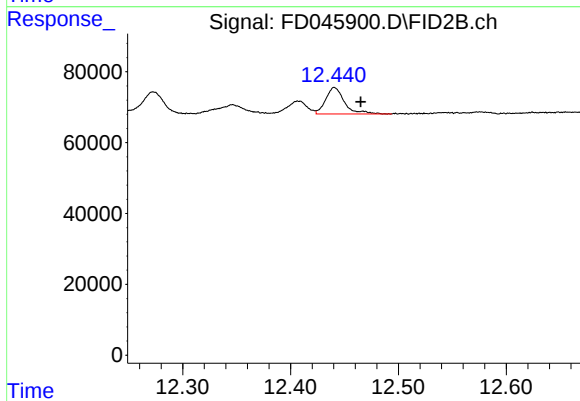
#9 Phenanthrene (C19.36)

R.T.: 10.639 min
Delta R.T.: -0.022 min
Response: 56609
Conc: 0.30 ug/ml



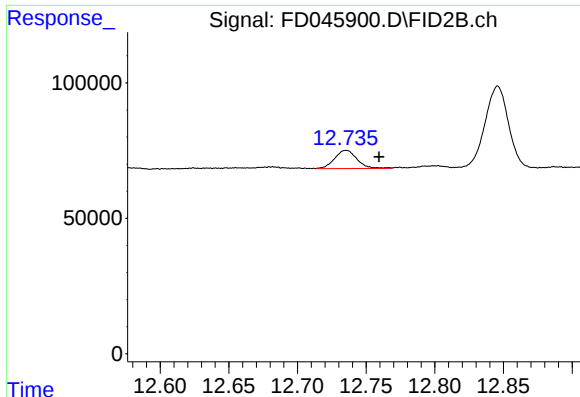
#11 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: -0.019 min
Response: 4673904
Conc: 20.92 ug/ml



#12 Fluoranthene (C21.85)

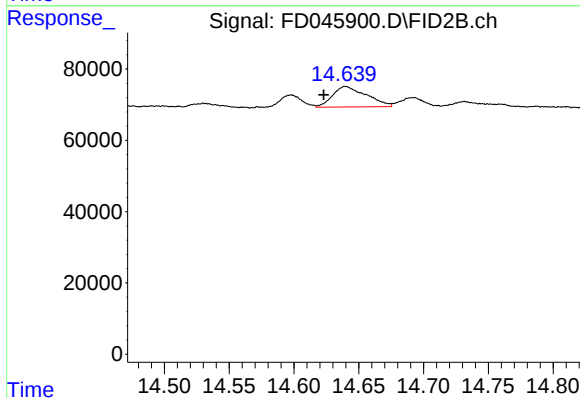
R.T.: 12.441 min
Delta R.T.: -0.024 min
Response: 90395
Conc: 0.49 ug/ml



#13 Pyrene (C20.8)

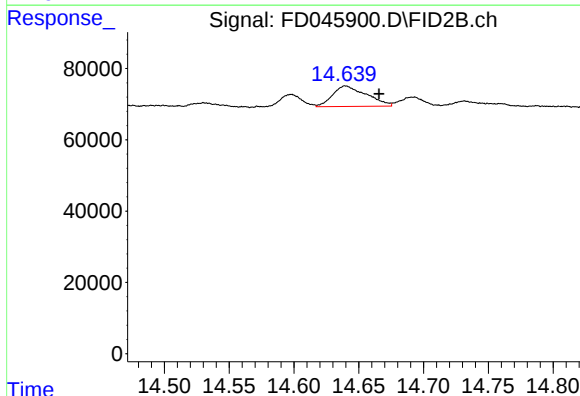
R.T.: 12.735 min
Delta R.T.: -0.024 min
Response: 76593
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



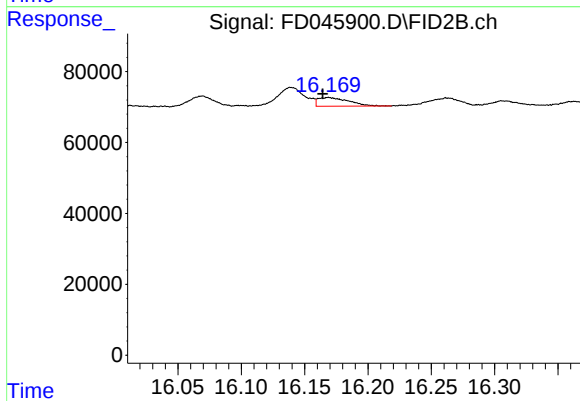
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.017 min
Response: 104430
Conc: 0.67 ug/ml



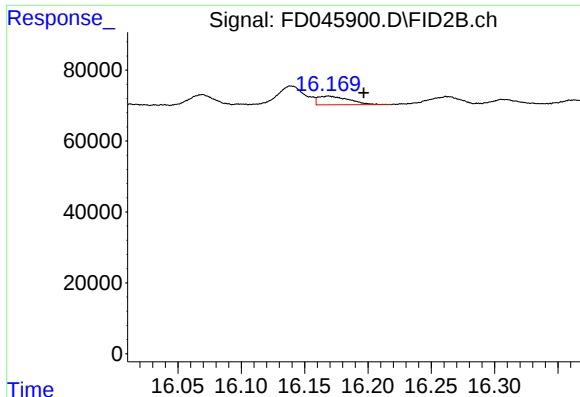
#15 Chrysene (C27.41)

R.T.: 14.640 min
Delta R.T.: -0.026 min
Response: 104430
Conc: 0.63 ug/ml



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

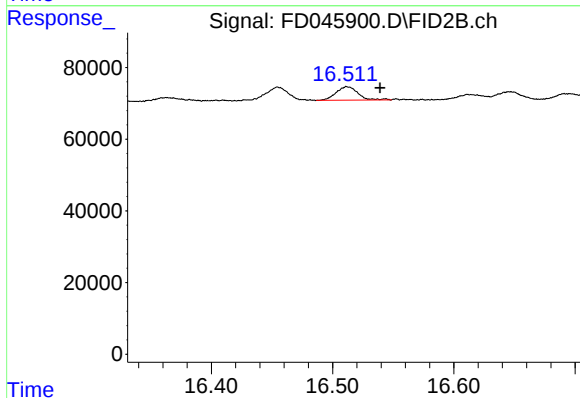
R.T.: 16.168 min
Delta R.T.: 0.004 min
Response: 41223
Conc: 0.27 ug/ml



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

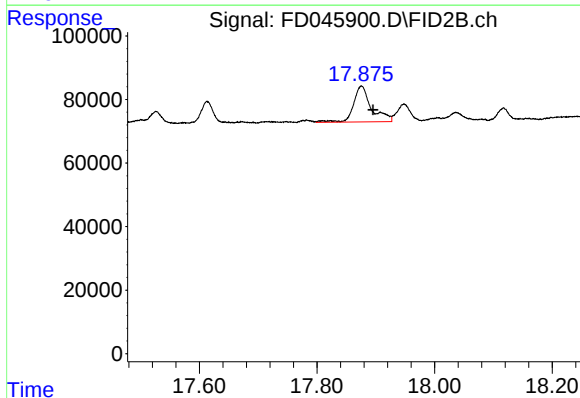
R.T.: 16.168 min
Delta R.T.: -0.028 min
Response: 41223
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



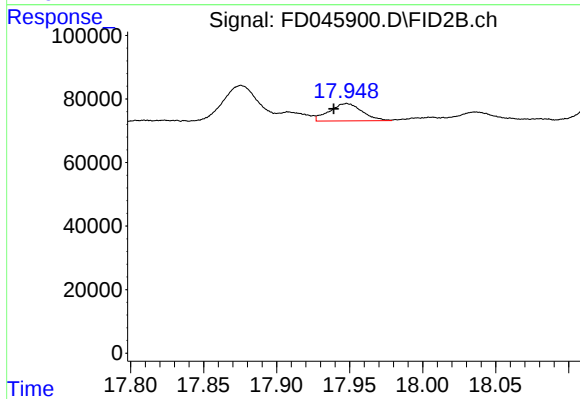
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.512 min
Delta R.T.: -0.027 min
Response: 47256
Conc: 0.32 ug/ml



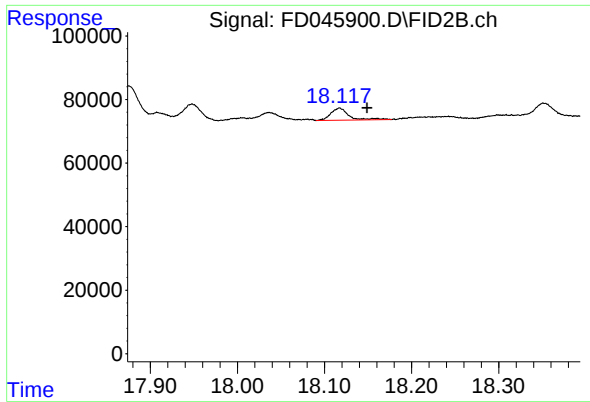
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: -0.019 min
Response: 236906
Conc: 1.62 ug/ml



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

R.T.: 17.948 min
Delta R.T.: 0.009 min
Response: 85110
Conc: 0.57 ug/ml



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

R.T.: 18.117 min
Delta R.T.: -0.032 min
Response: 54388
Conc: 0.37 ug/ml

Instrument :
FID_D
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