

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061324AR\
 Data File : FD047935.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2024 09:47
 Operator : YP/AJ
 Sample : P2847-08DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 14 04:51:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 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...	7.426	1399680	9.970 ug/ml
Spiked Amount 50.000		Recovery =	19.94%
6) S 2-Fluorobiphenyl (SURR)	8.280	806075	8.704 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.41%
11) S ortho-Terphenyl (SURR)	11.376	149778	0.937 ug/ml
Spiked Amount 50.000		Recovery =	1.87%
Target Compounds			
7) T Acenaphthene (C15.5)	8.377	39940	0.245 ug/ml
8) T Flouorene (C16.55)	9.165	40103	0.255 ug/ml
9) T Phenanthrene (C19.36)	10.543	676967	4.390 ug/ml
10) T Anthracene (C19.43)	10.681	22001	0.146 ug/ml
12) T Fluoranthene (C21.85)	12.346	1288061	8.488 ug/ml
13) T Pyrene (C20.8)	12.702	108320	0.719 ug/ml
14) T Benzo[a]anthracene (C...	14.550	635659	4.637 ug/ml
15) T Chrysene (C27.41)	14.550	635659	4.315 ug/ml
16) T benzo[b]fluoranthene ...	16.086	289355	2.056 ug/ml
17) T Bnezo[k]fluoranthene ...	16.086	289355	2.125 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.432	555804	4.015 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.870	322522	2.798 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	322522	2.419 ug/ml
21) T Benzo[g,h,i]perylene ...	18.045	386572	2.907 ug/ml

(f)=RT Delta > 1/2 Window

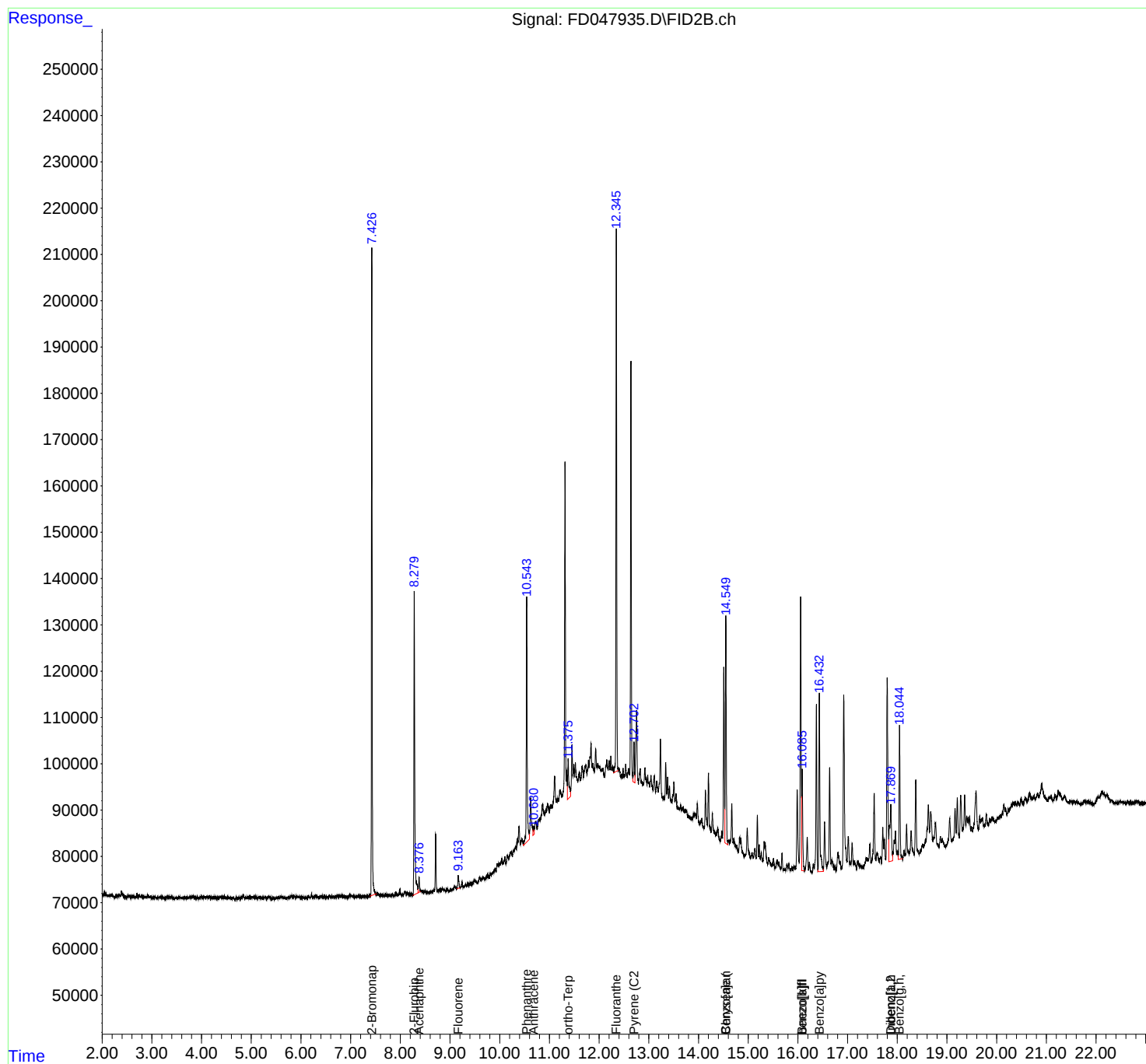
(m)=manual int.

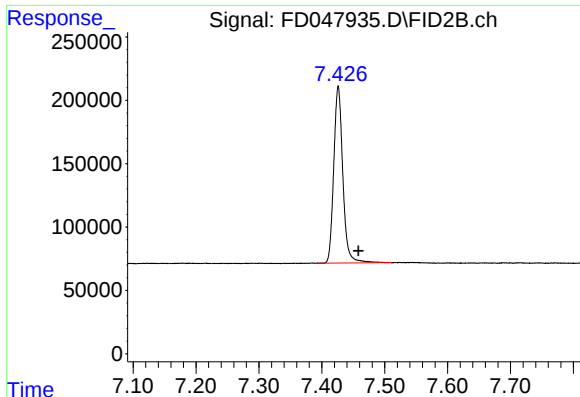
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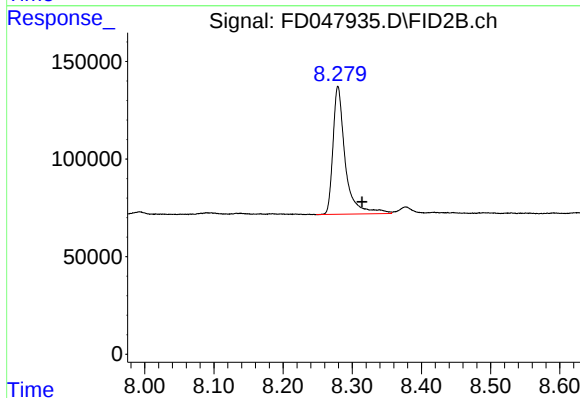




#4 2-Bromonaphthalene (SURRE)

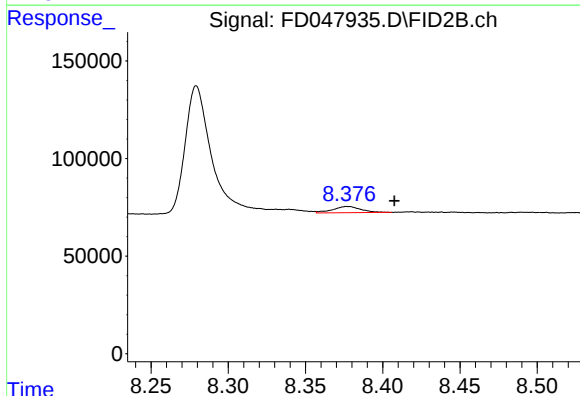
R.T.: 7.426 min
Delta R.T.: -0.032 min
Response: 1399680
Conc: 9.97 ug/ml

Instrument :
FID_D
ClientSampleId :



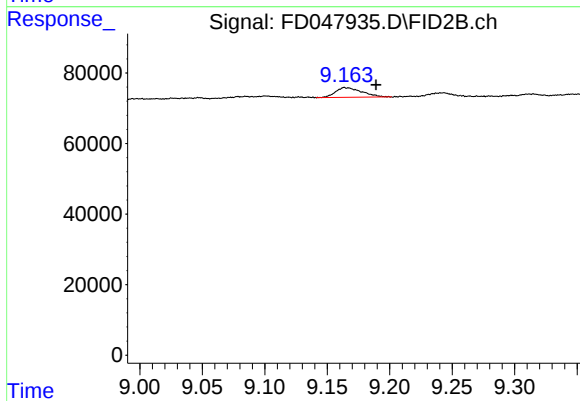
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.280 min
Delta R.T.: -0.034 min
Response: 806075
Conc: 8.70 ug/ml



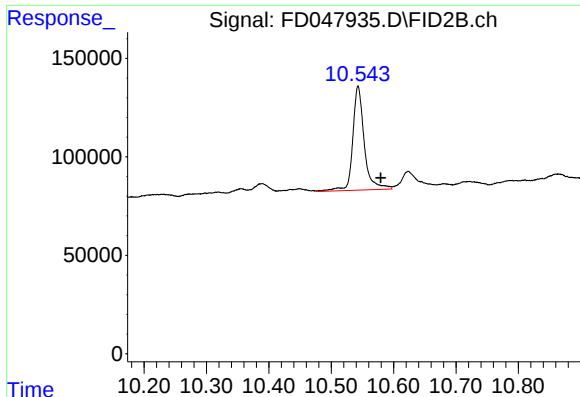
#7 Acenaphthene (C15.5)

R.T.: 8.377 min
Delta R.T.: -0.030 min
Response: 39940
Conc: 0.24 ug/ml



#8 Fluorene (C16.55)

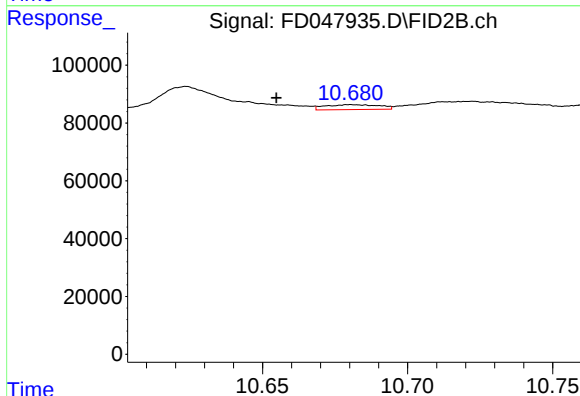
R.T.: 9.165 min
Delta R.T.: -0.024 min
Response: 40103
Conc: 0.25 ug/ml



#9 Phenanthrene (C19.36)

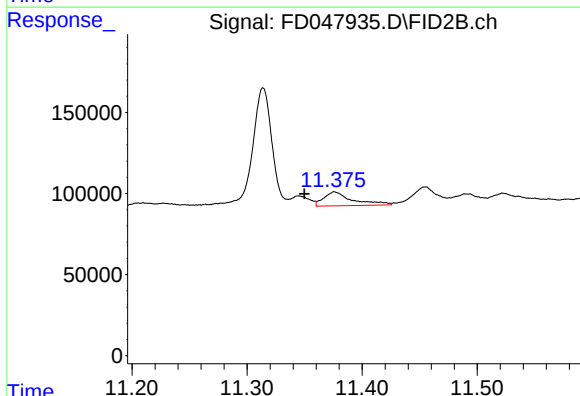
R.T.: 10.543 min
Delta R.T.: -0.036 min
Response: 676967
Conc: 4.39 ug/ml

Instrument :
FID_D
ClientSampleId :



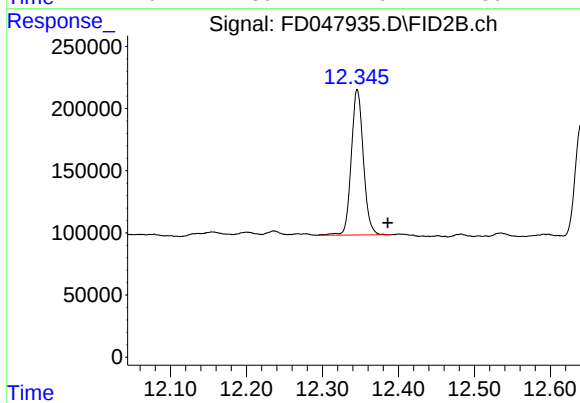
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: 0.027 min
Response: 22001
Conc: 0.15 ug/ml



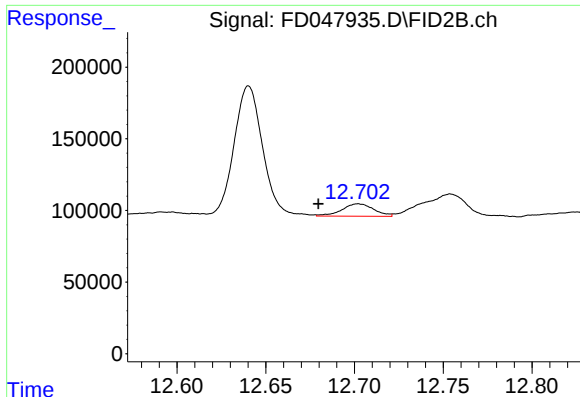
#11 ortho-Terphenyl (SURR)

R.T.: 11.376 min
Delta R.T.: 0.027 min
Response: 149778
Conc: 0.94 ug/ml



#12 Fluoranthene (C21.85)

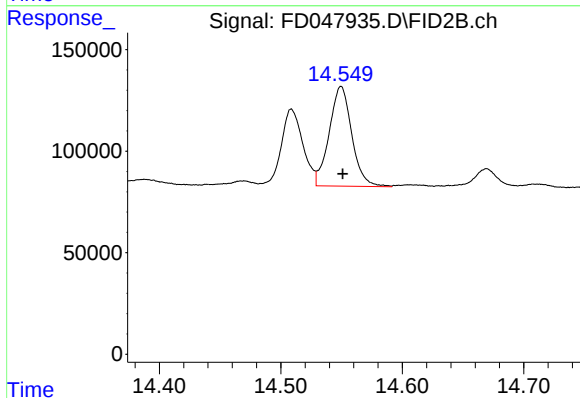
R.T.: 12.346 min
Delta R.T.: -0.040 min
Response: 1288061
Conc: 8.49 ug/ml



#13 Pyrene (C20.8)

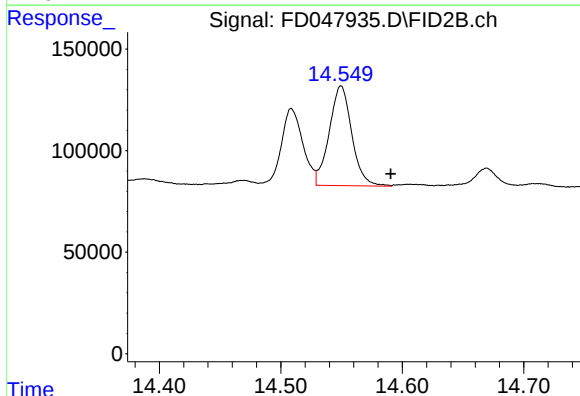
R.T.: 12.702 min
Delta R.T.: 0.023 min
Response: 108320
Conc: 0.72 ug/ml

Instrument :
FID_D
ClientSampleId :



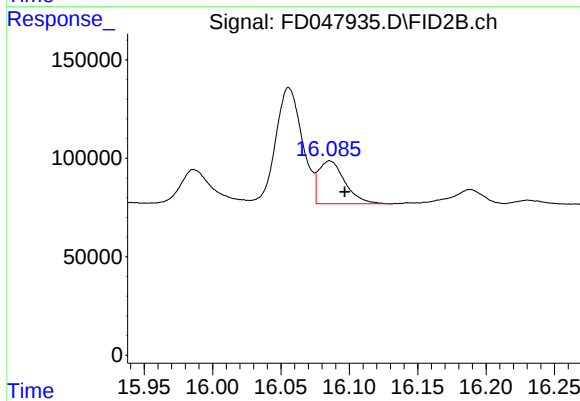
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.550 min
Delta R.T.: -0.001 min
Response: 635659
Conc: 4.64 ug/ml



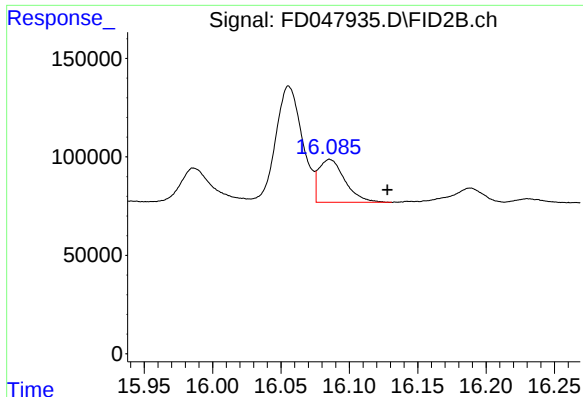
#15 Chrysene (C27.41)

R.T.: 14.550 min
Delta R.T.: -0.041 min
Response: 635659
Conc: 4.31 ug/ml



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

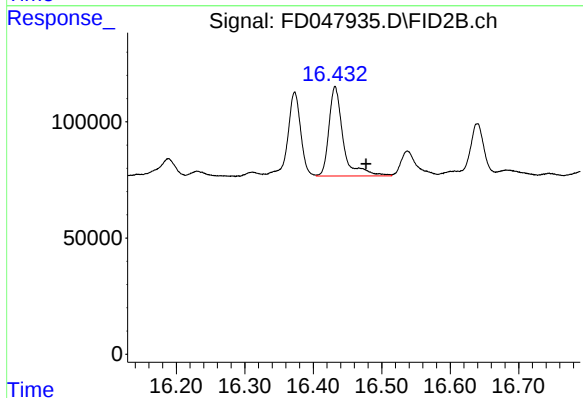
R.T.: 16.086 min
Delta R.T.: -0.011 min
Response: 289355
Conc: 2.06 ug/ml



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

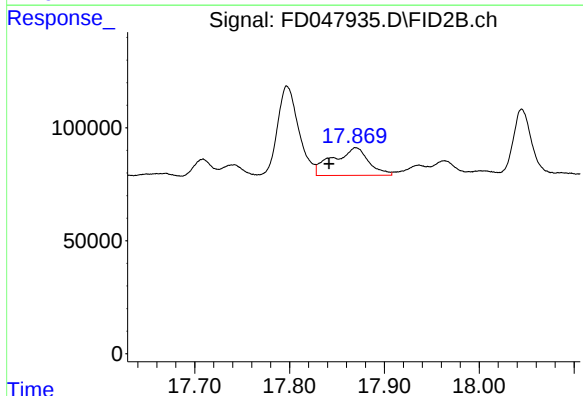
R.T.: 16.086 min
Delta R.T.: -0.042 min
Response: 289355
Conc: 2.12 ug/ml

Instrument :
FID_D
ClientSampleId :



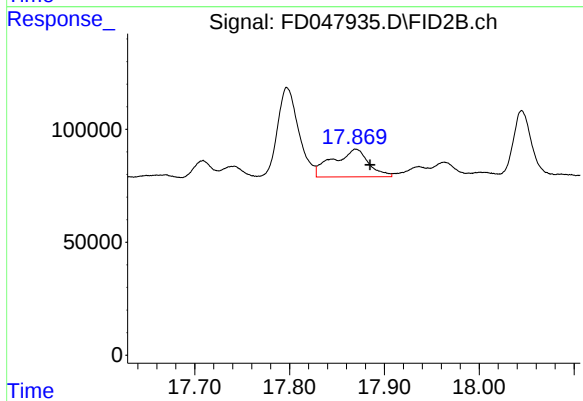
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.432 min
Delta R.T.: -0.045 min
Response: 555804
Conc: 4.02 ug/ml



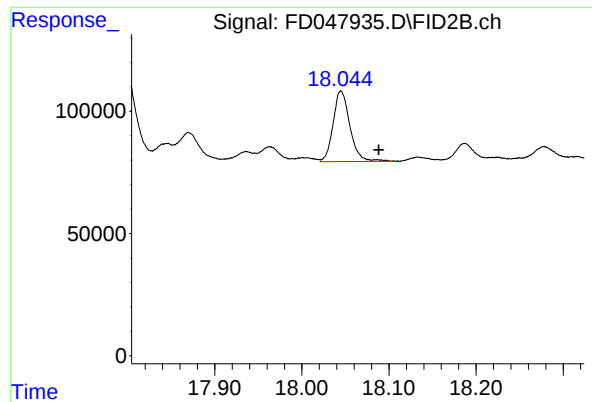
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.870 min
Delta R.T.: 0.028 min
Response: 322522
Conc: 2.80 ug/ml



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

R.T.: 17.870 min
Delta R.T.: -0.015 min
Response: 322522
Conc: 2.42 ug/ml



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

R.T.: 18.045 min
Delta R.T.: -0.043 min
Response: 386572
Conc: 2.91 ug/ml

Instrument :

FID_D

ClientSampleId :