

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082820AR\
 Data File : FD034577.D
 Signal(s) : FID2B.CH
 Acq On : 29 Aug 2020 4:28
 Operator : DD\AJ
 Sample : L3826-02
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P-2-(0.0-0.5)

Integration File: autoint1.e
 Quant Time: Aug 31 01:48:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 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...	7.694	7877868	67.383 ug/ml
Spiked Amount 50.000		Recovery =	134.77%
6) S 2-Fluorobiphenyl (SURR)	8.558	3608775	43.529 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.06%
11) S ortho-Terphenyl (SURR)	11.601	5587038	41.113 ug/ml
Spiked Amount 50.000		Recovery =	82.23%
Target Compounds			
7) T Acenaphthene (C15.5)	8.654	131629	0.979 ug/ml
8) T Flouorene (C16.55)	9.434	275408	2.072 ug/ml
9) T Phenanthrene (C19.36)	10.834	2373293	17.706 ug/ml
10) T Anthracene (C19.43)	10.907	308086	2.321 ug/ml
12) T Fluoranthene (C21.85)	12.650	3627599	26.690 ug/ml
13) T Pyrene (C20.8)	12.946	2643616	19.853 ug/ml
14) T Benzo[a]anthracene (C...	14.815	1473208	11.225 ug/ml
15) T Chrysene (C27.41)	14.856	1579801	12.050 ug/ml
16) T benzo[b]fluoranthene ...	16.367	1822168	14.243 ug/ml
17) T Bnezo[k]fluoranthene ...	16.394	602357	4.863 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.744	1208181	9.650 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.106	888312	7.383 ug/ml
20) T Dibenz[a,h]anthracene...	18.106f	888312	7.525 ug/ml
21) T Benzo[g,h,i]perylene ...	18.359	677454	5.717 ug/ml

(f)=RT Delta > 1/2 Window

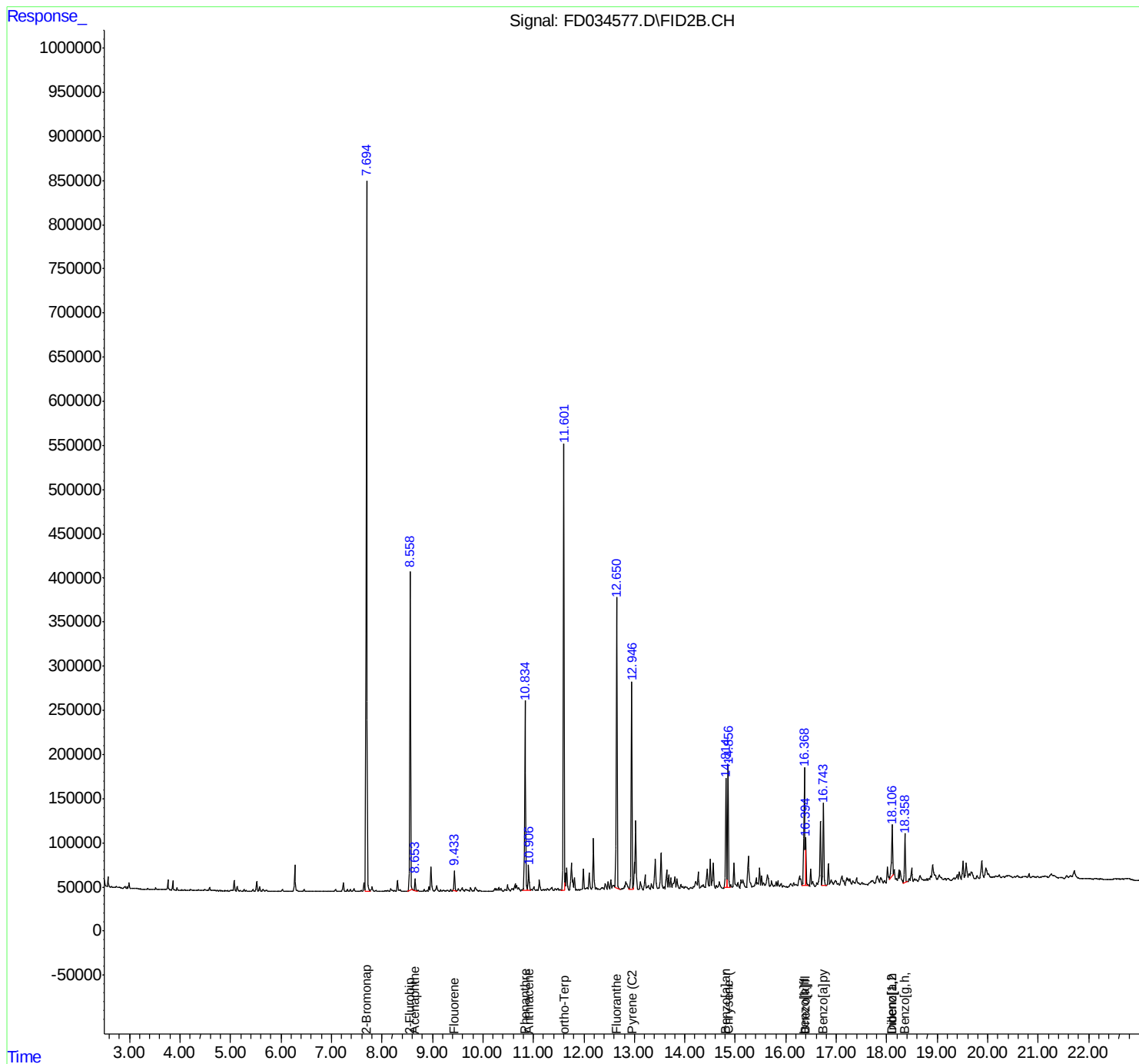
(m)=manual int.

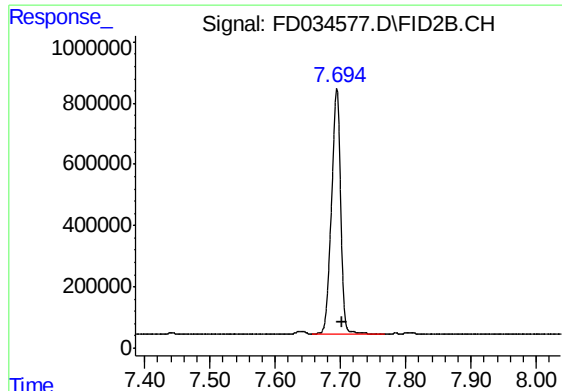
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Signal Info : 20M x 0.18mm x 0.18µm

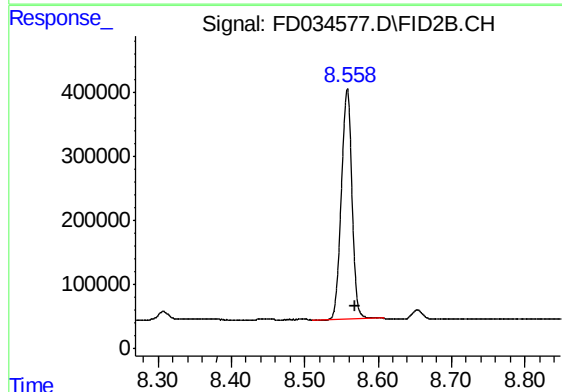




#4 2-Bromonaphthalene (SURR)

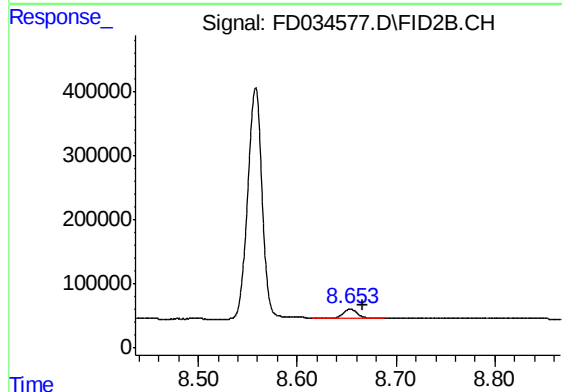
R.T.: 7.694 min
Delta R.T.: -0.007 min
Response: 7877868
Conc: 67.38 ug/ml

Instrument :
FID_D
ClientSampleId :
P-2-(0.0-0.5)



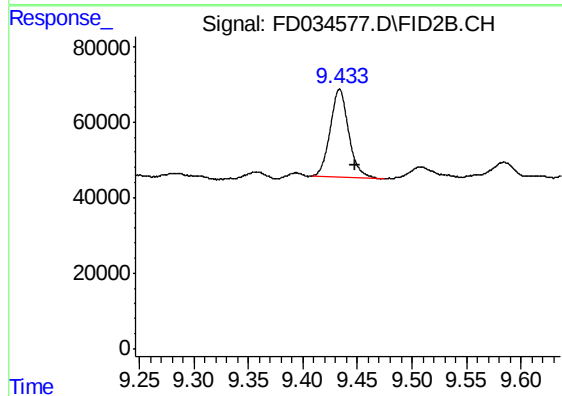
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.558 min
Delta R.T.: -0.010 min
Response: 3608775
Conc: 43.53 ug/ml



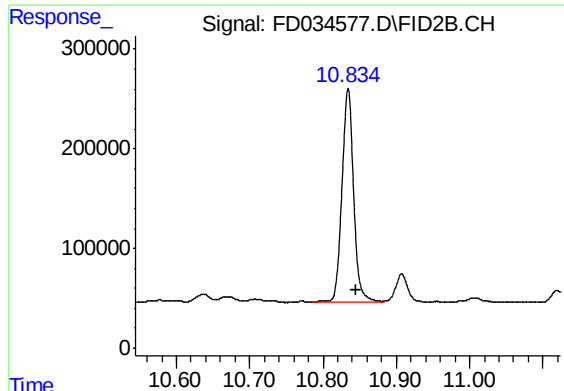
#7 Acenaphthene (C15.5)

R.T.: 8.654 min
Delta R.T.: -0.012 min
Response: 131629
Conc: 0.98 ug/ml



#8 Fluorene (C16.55)

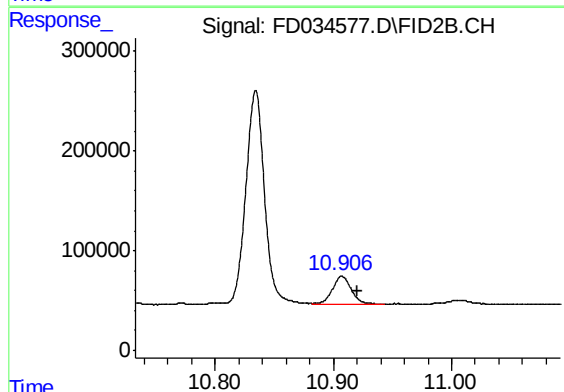
R.T.: 9.434 min
Delta R.T.: -0.014 min
Response: 275408
Conc: 2.07 ug/ml



#9 Phenanthrene (C19.36)

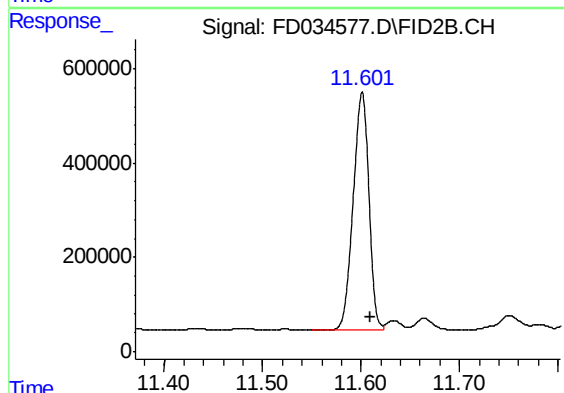
R.T.: 10.834 min
Delta R.T.: -0.012 min
Response: 2373293
Conc: 17.71 ug/ml

Instrument :
FID_D
ClientSampleId :
P-2-(0.0-0.5)



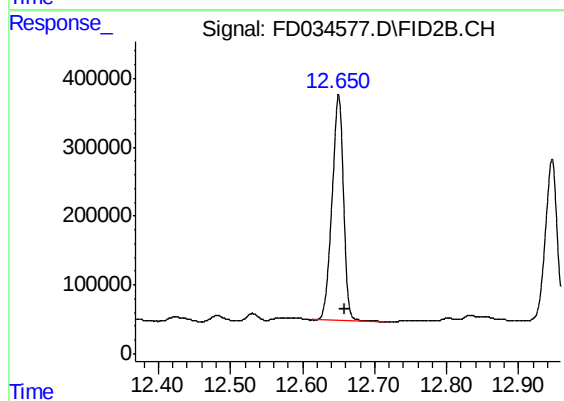
#10 Anthracene (C19.43)

R.T.: 10.907 min
Delta R.T.: -0.013 min
Response: 308086
Conc: 2.32 ug/ml



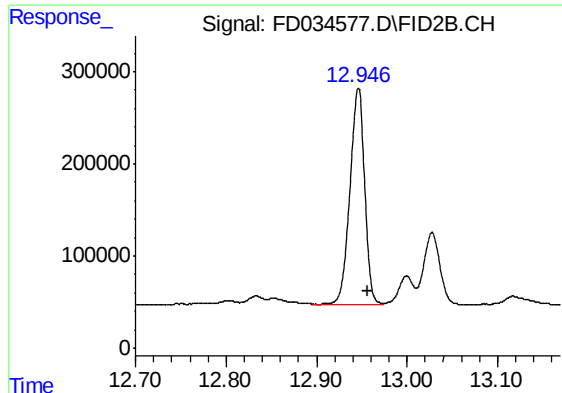
#11 ortho-Terphenyl (SURRE)

R.T.: 11.601 min
Delta R.T.: -0.008 min
Response: 5587038
Conc: 41.11 ug/ml



#12 Fluoranthene (C21.85)

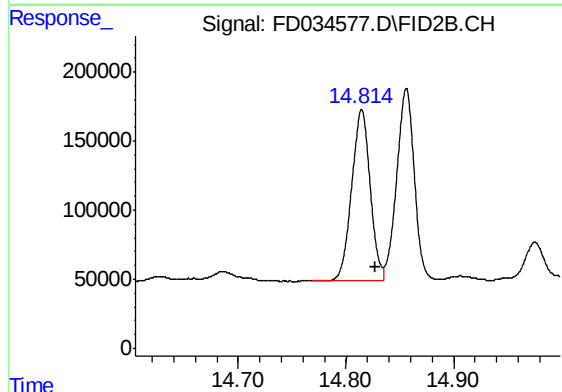
R.T.: 12.650 min
Delta R.T.: -0.008 min
Response: 3627599
Conc: 26.69 ug/ml



#13 Pyrene (C20.8)

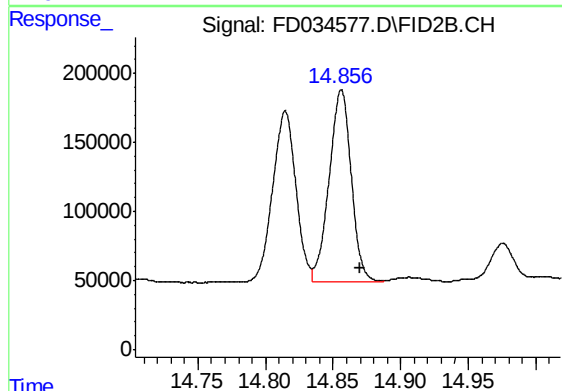
R.T.: 12.946 min
Delta R.T.: -0.010 min
Response: 2643616
Conc: 19.85 ug/ml

Instrument :
FID_D
ClientSampleId :
P-2-(0.0-0.5)



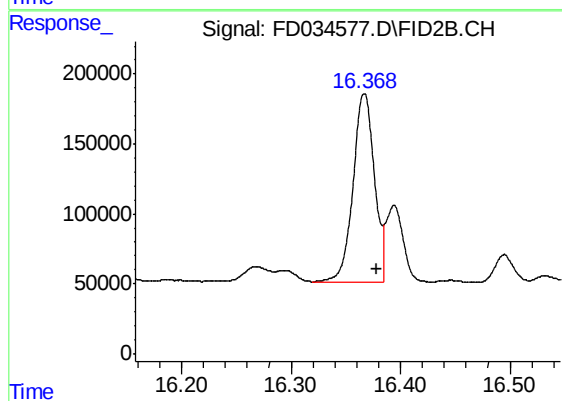
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.815 min
Delta R.T.: -0.013 min
Response: 1473208
Conc: 11.22 ug/ml



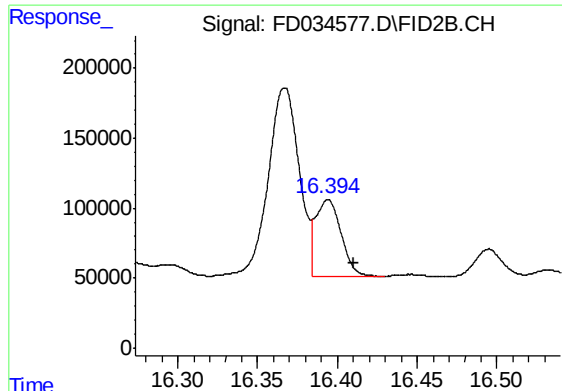
#15 Chrysene (C27.41)

R.T.: 14.856 min
Delta R.T.: -0.014 min
Response: 1579801
Conc: 12.05 ug/ml



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

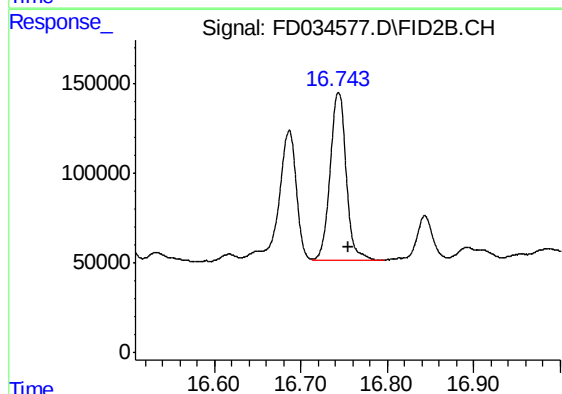
R.T.: 16.367 min
Delta R.T.: -0.011 min
Response: 1822168
Conc: 14.24 ug/ml



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

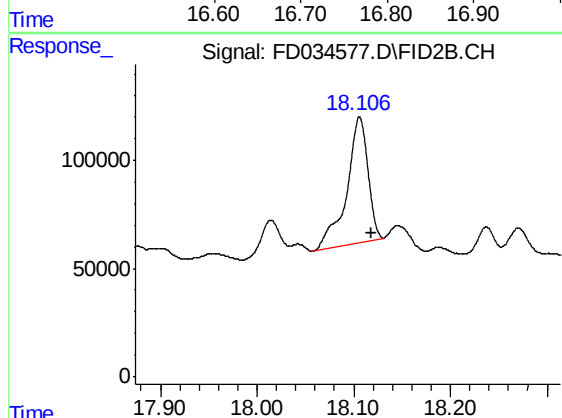
R.T.: 16.394 min
Delta R.T.: -0.016 min
Response: 602357
Conc: 4.86 ug/ml

Instrument :
FID_D
ClientSampleId :
P-2-(0.0-0.5)



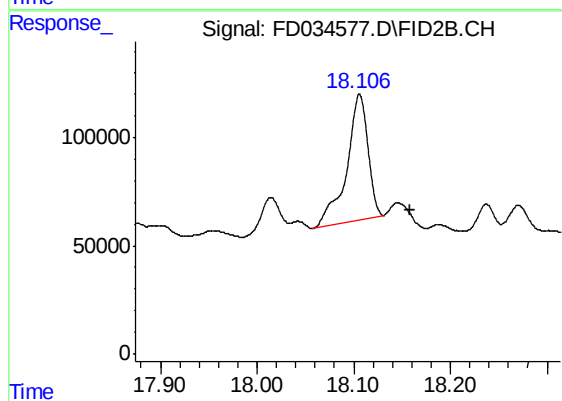
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.744 min
Delta R.T.: -0.012 min
Response: 1208181
Conc: 9.65 ug/ml



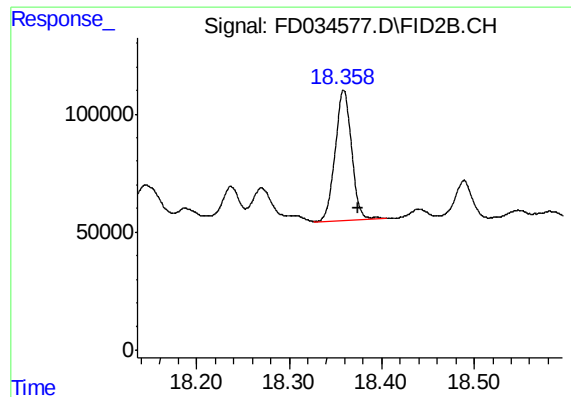
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.106 min
Delta R.T.: -0.013 min
Response: 888312
Conc: 7.38 ug/ml



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

R.T.: 18.106 min
Delta R.T.: -0.052 min
Response: 888312
Conc: 7.52 ug/ml



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

R.T.: 18.359 min
Delta R.T.: -0.016 min
Response: 677454
Conc: 5.72 ug/ml

Instrument :
FID_D
ClientSampleId :
P-2-(0.0-0.5)