

Data Path : P:\HPCHEM1\FID D\Data\FD051118AR\
 Data File : FD023622.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2018 15:14
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 07:32:48 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Thu May 10 20:22:47 2018
 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...	7.248f	2843362	20.966 ug/ml
Spiked Amount 50.000		Recovery =	41.93%
6) S 2-Fluorobiphenyl (SURR)	8.190	3638401	51.053 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.11%
11) S ortho-Terphenyl (SURR)	11.117f	3379400	24.172 ug/ml
Spiked Amount 50.000		Recovery =	48.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.140	66906	0.480 ug/ml
2) T Naphthalene (C11.7)	5.592f	2928170	21.394 ug/ml
3) T 2-Methylnaphthalene (...)	6.638f	3058221	22.404 ug/ml
5) T Acenaphthylene (C15.06)	7.900f	3232233	22.115 ug/ml
7) T Acenaphthene (C15.5)	8.190f	3638401	21.537 ug/ml
9) T Phenanthrene (C19.36)	10.442	3284004	24.742 ug/ml
13) T Pyrene (C20.8)	12.547	132763	0.941 ug/ml
14) T Benzo[a]anthracene (C...	14.383	3648215	29.366 ug/ml
16) T benzo[b]fluoranthene ...	15.929	3861109	28.643 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.689f	4103961	31.625 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.061f	143434	0.968 ug/ml

(f)=RT Delta > 1/2 Window

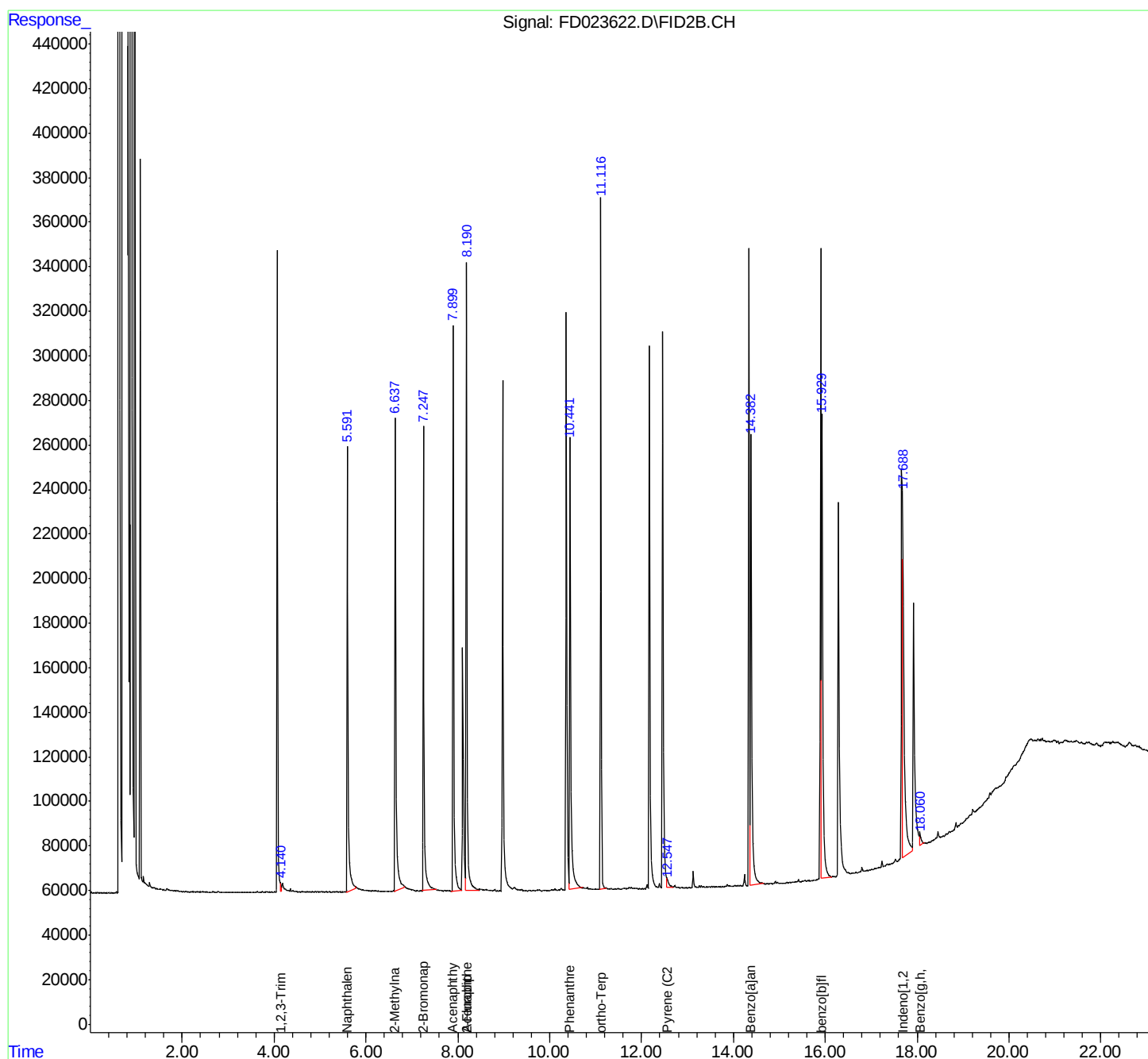
(m)=manual int.

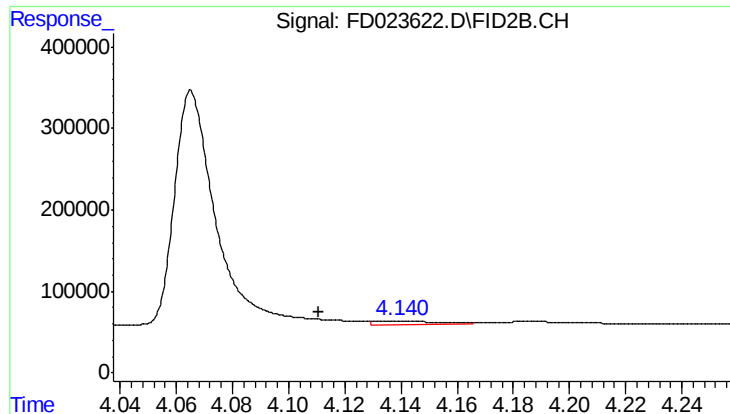
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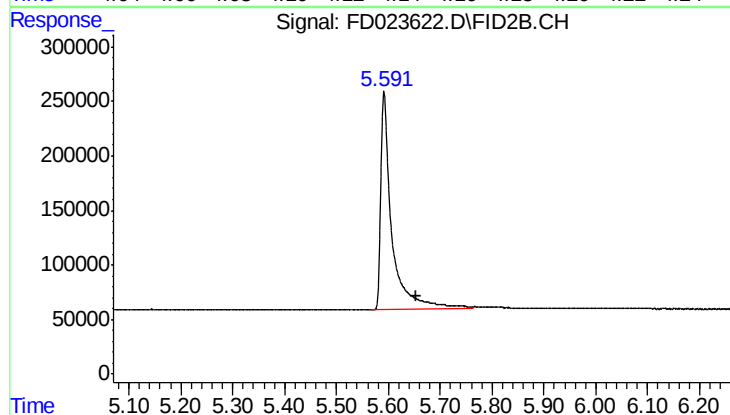




#1 1,2,3-Trimethylbenzene (C10.1)

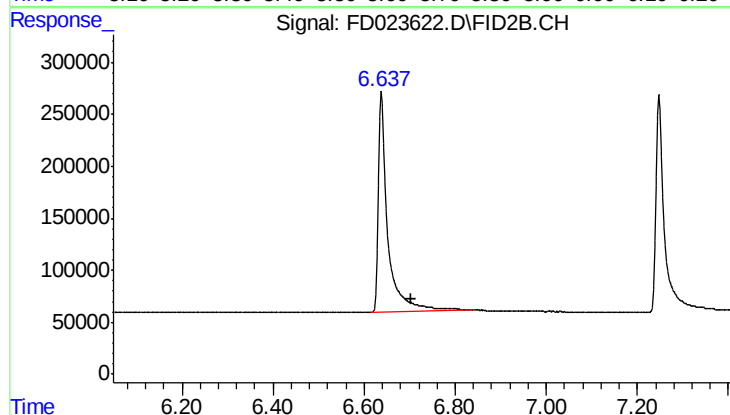
R.T.: 4.140 min
Delta R.T.: 0.029 min
Response: 66906
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



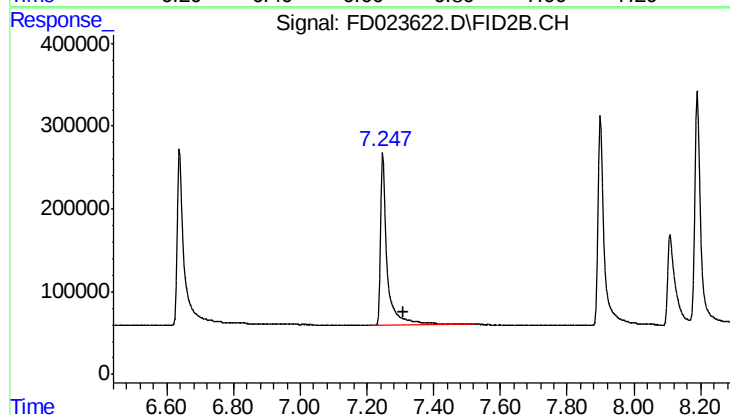
#2 Naphthalene (C11.7)

R.T.: 5.592 min
Delta R.T.: -0.061 min
Response: 2928170
Conc: 21.39 ug/ml



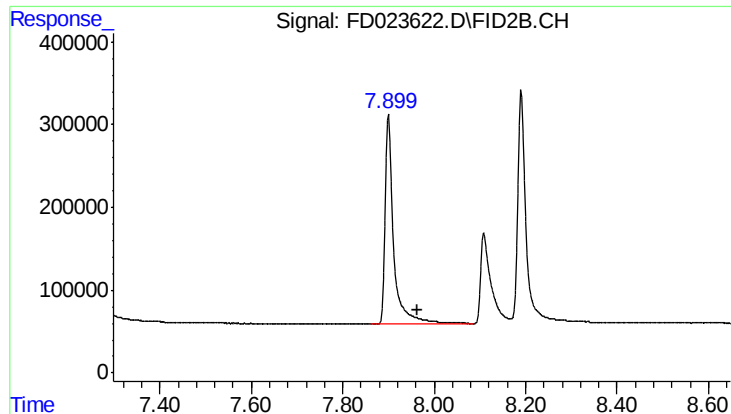
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.638 min
Delta R.T.: -0.064 min
Response: 3058221
Conc: 22.40 ug/ml



#4 2-Bromonaphthalene (SURR)

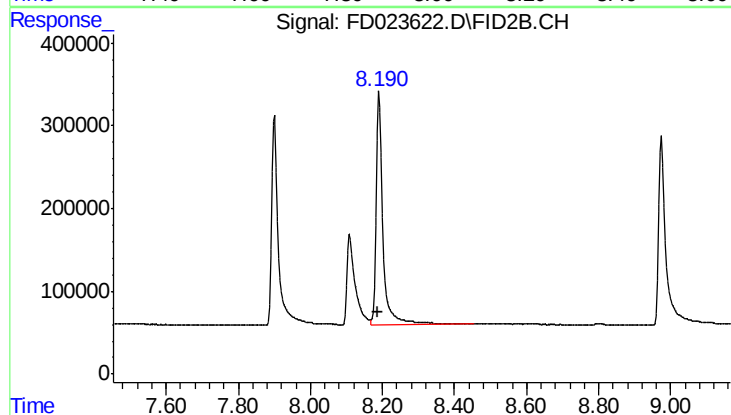
R.T.: 7.248 min
Delta R.T.: -0.062 min
Response: 2843362
Conc: 20.97 ug/ml



#5 Acenaphthylene (C15.06)

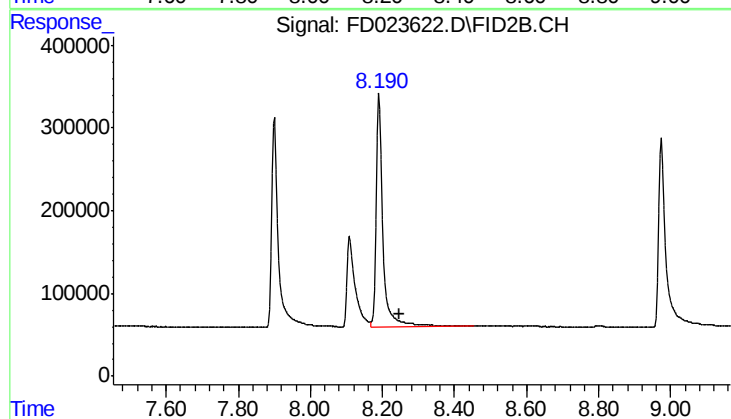
R.T.: 7.900 min
Delta R.T.: -0.063 min
Response: 3232233
Conc: 22.11 ug/ml

Instrument :
FID_D
ClientSampleId :



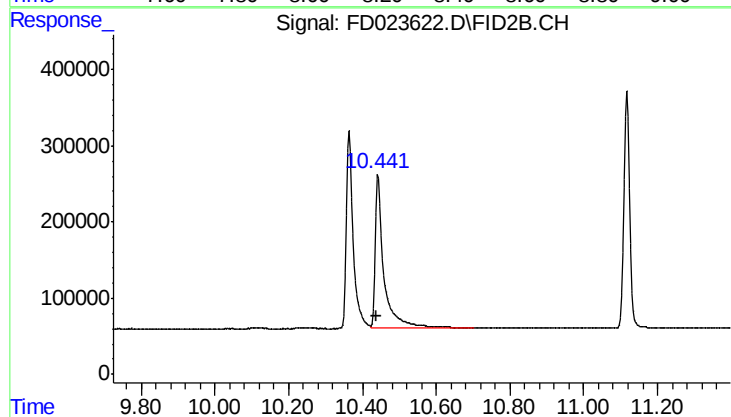
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.190 min
Delta R.T.: 0.002 min
Response: 3638401
Conc: 51.05 ug/ml



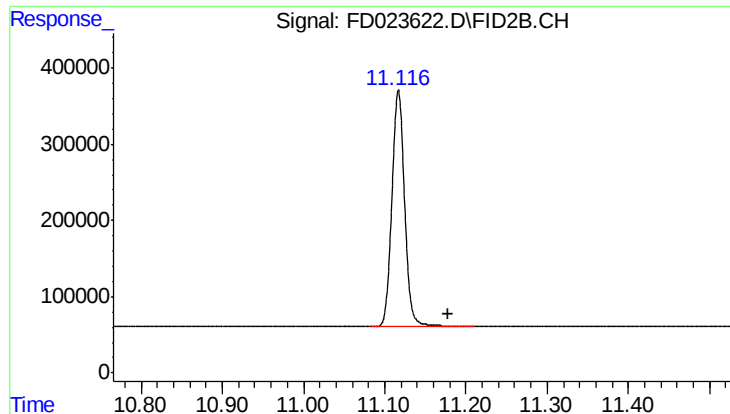
#7 Acenaphthene (C15.5)

R.T.: 8.190 min
Delta R.T.: -0.058 min
Response: 3638401
Conc: 21.54 ug/ml



#9 Phenanthrene (C19.36)

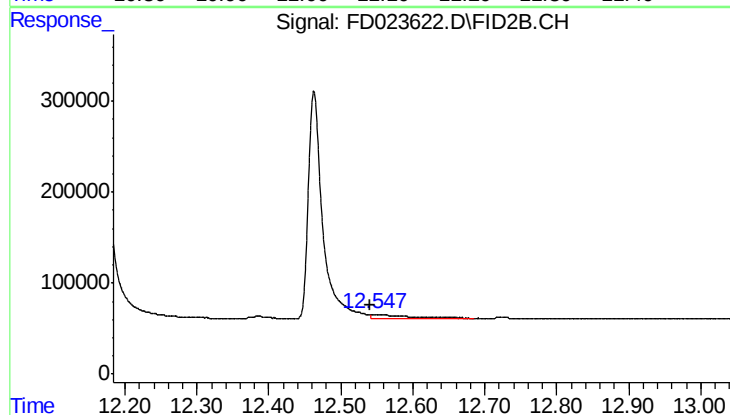
R.T.: 10.442 min
Delta R.T.: 0.003 min
Response: 3284004
Conc: 24.74 ug/ml



#11 ortho-Terphenyl (SURR)

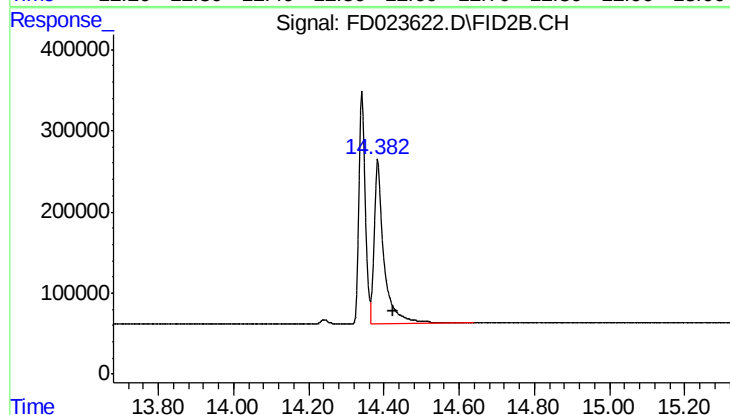
R.T.: 11.117 min
Delta R.T.: -0.060 min
Response: 3379400
Conc: 24.17 ug/ml

Instrument :
FID_D
ClientSampleId :



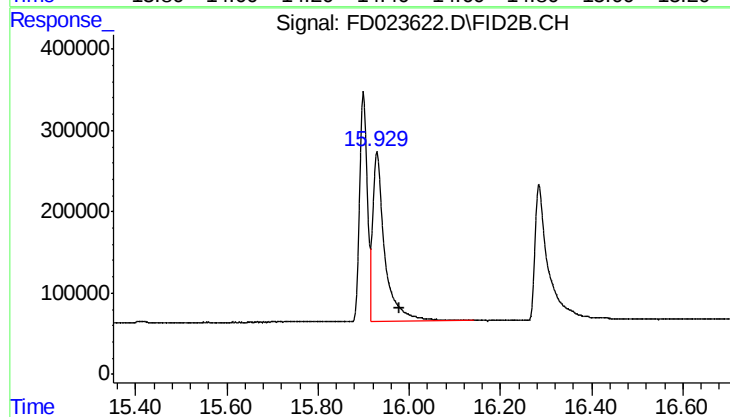
#13 Pyrene (C20.8)

R.T.: 12.547 min
Delta R.T.: 0.007 min
Response: 132763
Conc: 0.94 ug/ml



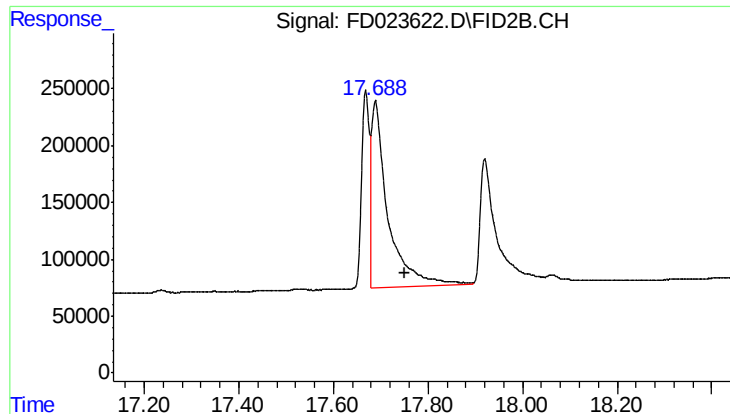
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.383 min
Delta R.T.: -0.039 min
Response: 3648215
Conc: 29.37 ug/ml



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

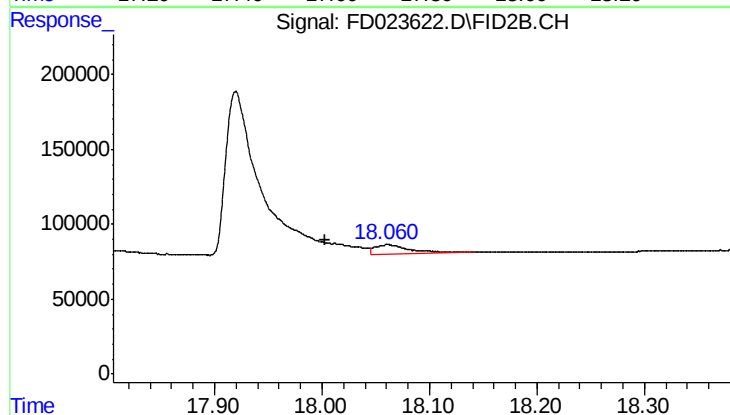
R.T.: 15.929 min
Delta R.T.: -0.049 min
Response: 3861109
Conc: 28.64 ug/ml



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

R.T.: 17.689 min
Delta R.T.: -0.062 min
Response: 4103961
Conc: 31.63 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.061 min
Delta R.T.: 0.058 min
Response: 143434
Conc: 0.97 ug/ml