

Data Path : P:\HPCHEM1\FID D\Data\FD051118AR\
 Data File : FD023614.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2018 8:24
 Operator : UA/AJ
 Sample : PB108903BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 07:30:23 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...	7.246f	5826512	42.963 ug/ml
Spiked Amount 50.000		Recovery =	85.93%
6) S 2-Fluorobiphenyl (SURR)	8.193	5768955	80.948 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	161.90%#
11) S ortho-Terphenyl (SURR)	11.120f	5861293	41.924 ug/ml
Spiked Amount 50.000		Recovery =	83.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.140	103355	0.741 ug/ml
2) T Naphthalene (C11.7)	5.588f	4918013	35.933 ug/ml
3) T 2-Methylnaphthalene (...)	6.635f	5228115	38.300 ug/ml
5) T Acenaphthylene (C15.06)	7.900f	5371848	36.754 ug/ml
7) T Acenaphthene (C15.5)	8.298	90687	0.537 ug/ml
9) T Phenanthrene (C19.36)	10.441	5967535	44.961 ug/ml
13) T Pyrene (C20.8)	12.557	2434713	17.248 ug/ml
14) T Benzo[a]anthracene (C...	14.387	6977568	56.165 ug/ml
16) T benzo[b]fluoranthene ...	15.934	6338213	47.019 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.359	238117	1.652 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.692f	6132496	47.257 ug/ml
21) T Benzo[a,h,i]perylene ...	18.069f	1164660	7.858 ug/ml

(f)=RT Delta > 1/2 Window

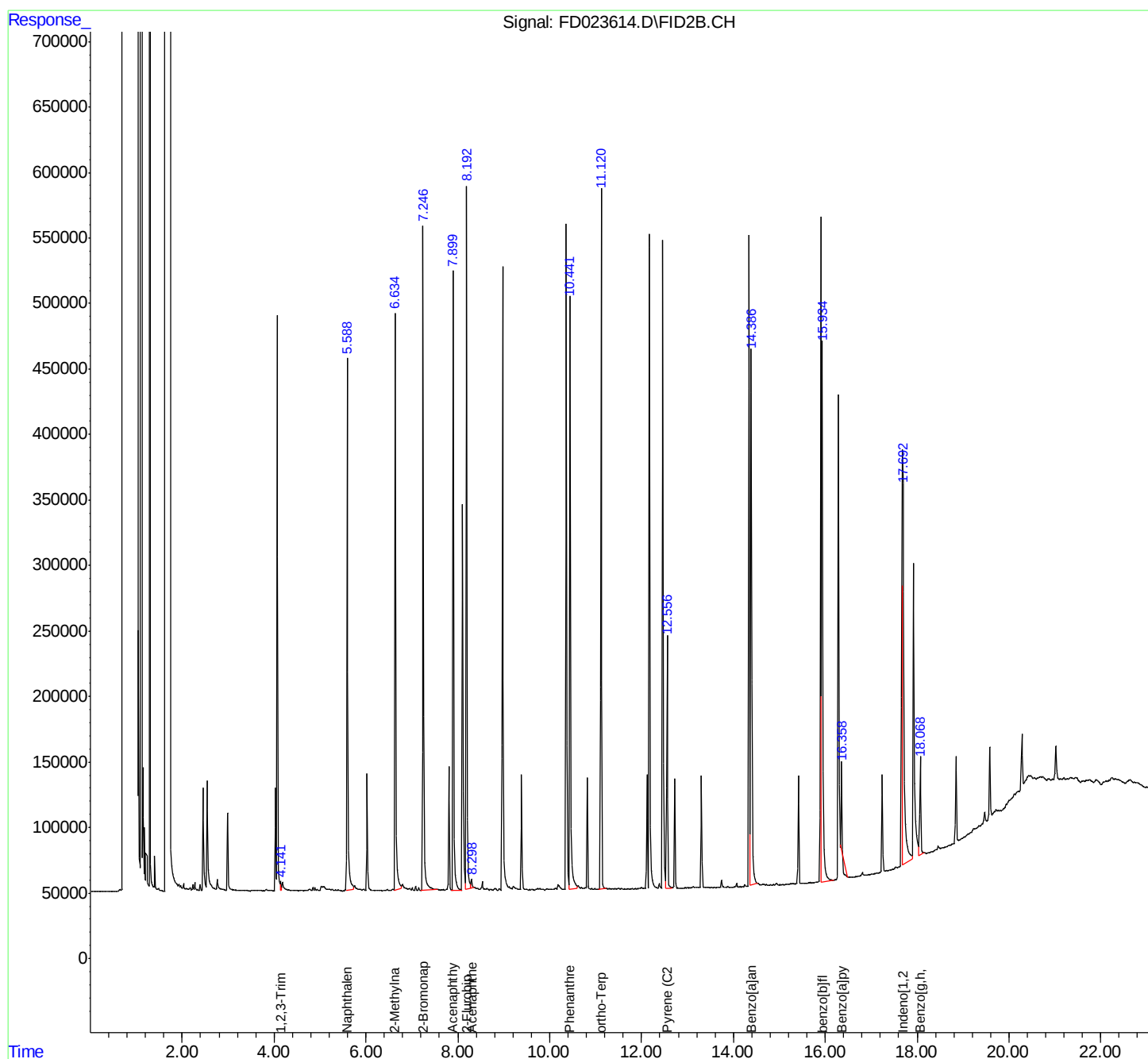
(m)=manual int.

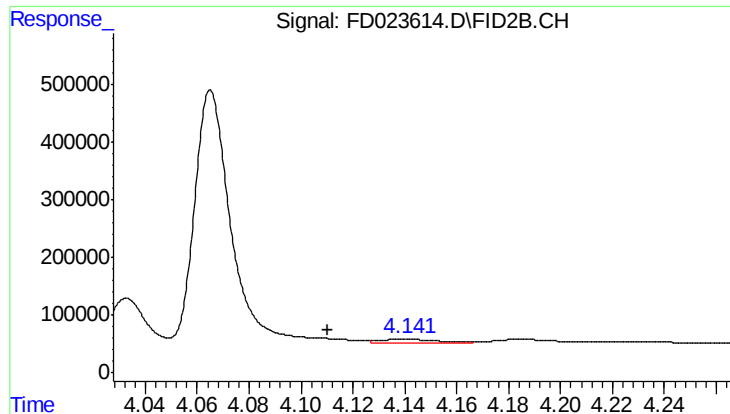
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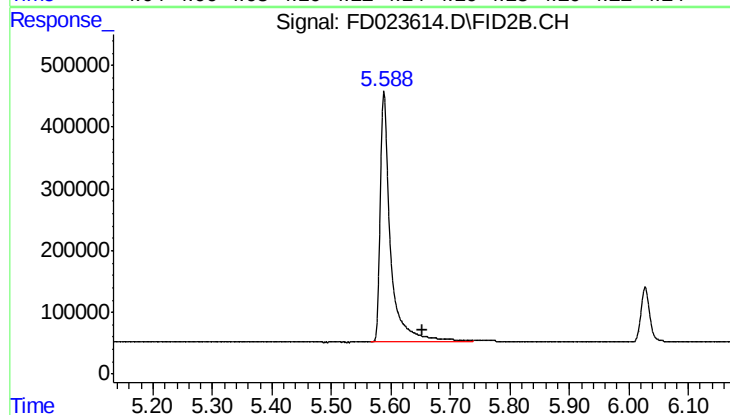




#1 1,2,3-Trimethylbenzene (C10.1)

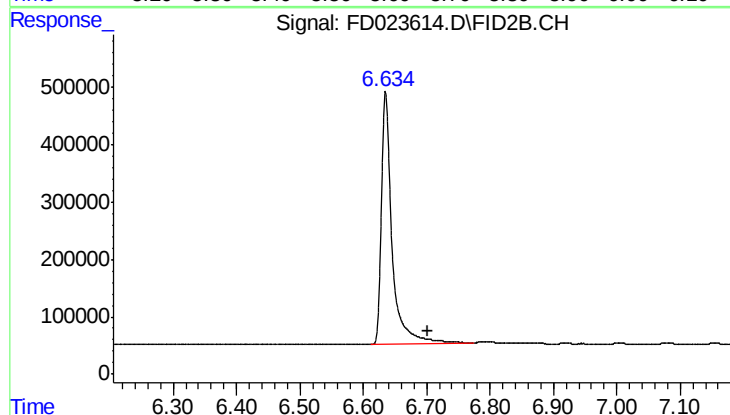
R.T.: 4.140 min
Delta R.T.: 0.030 min
Response: 103355
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



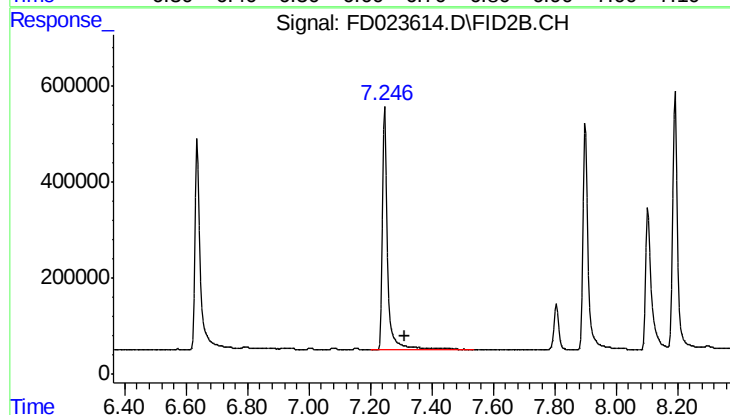
#2 Naphthalene (C11.7)

R.T.: 5.588 min
Delta R.T.: -0.064 min
Response: 4918013
Conc: 35.93 ug/ml



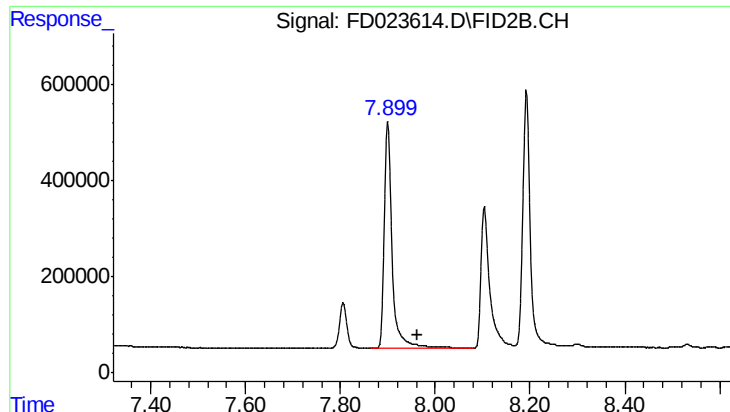
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.635 min
Delta R.T.: -0.067 min
Response: 5228115
Conc: 38.30 ug/ml



#4 2-Bromonaphthalene (SURR)

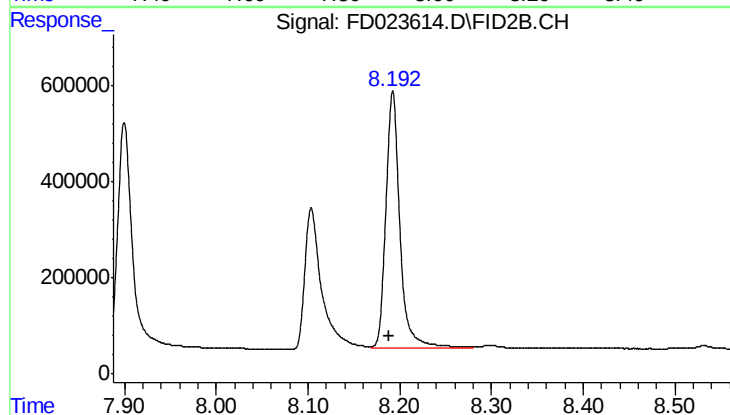
R.T.: 7.246 min
Delta R.T.: -0.063 min
Response: 5826512
Conc: 42.96 ug/ml



#5 Acenaphthylene (C15.06)

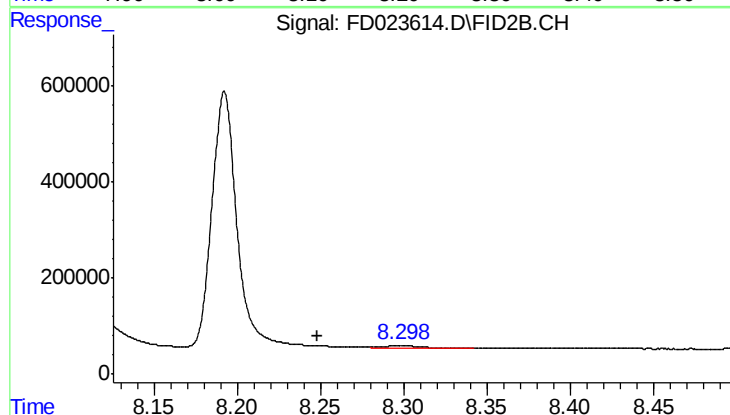
R.T.: 7.900 min
Delta R.T.: -0.063 min
Response: 5371848
Conc: 36.75 ug/ml

Instrument :
FID_D
ClientSampleId :



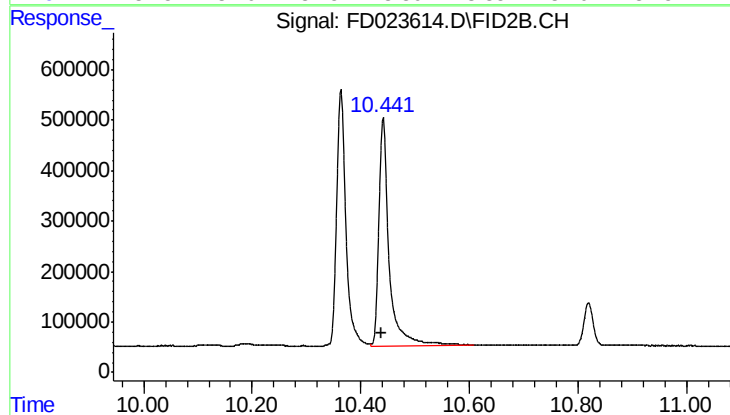
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.193 min
Delta R.T.: 0.004 min
Response: 5768955
Conc: 80.95 ug/ml



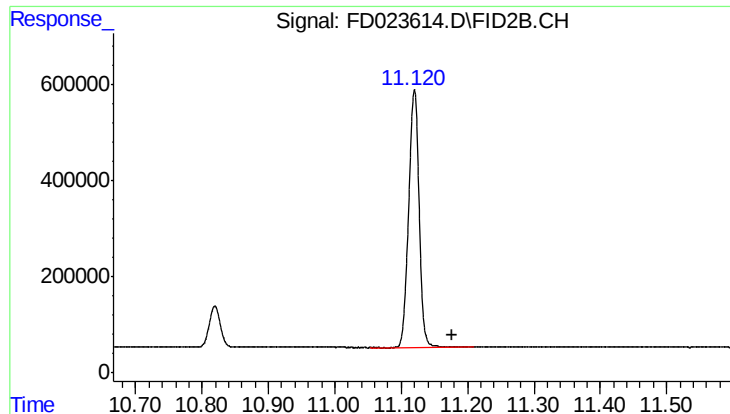
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: 0.050 min
Response: 90687
Conc: 0.54 ug/ml



#9 Phenanthrene (C19.36)

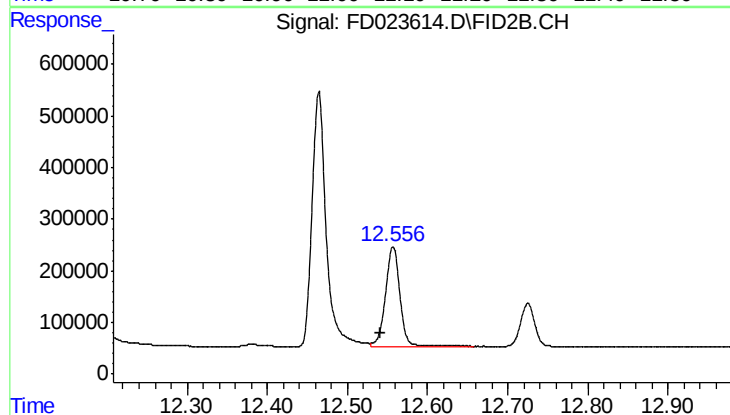
R.T.: 10.441 min
Delta R.T.: 0.002 min
Response: 5967535
Conc: 44.96 ug/ml



#11 ortho-Terphenyl (SURR)

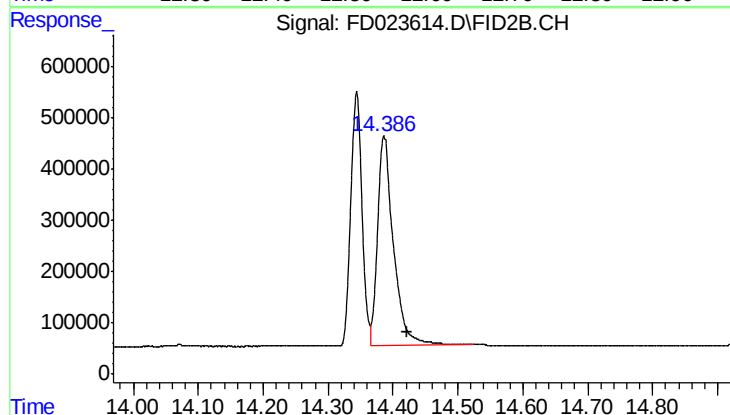
R.T.: 11.120 min
Delta R.T.: -0.057 min
Response: 5861293
Conc: 41.92 ug/ml

Instrument :
FID_D
ClientSampleId :



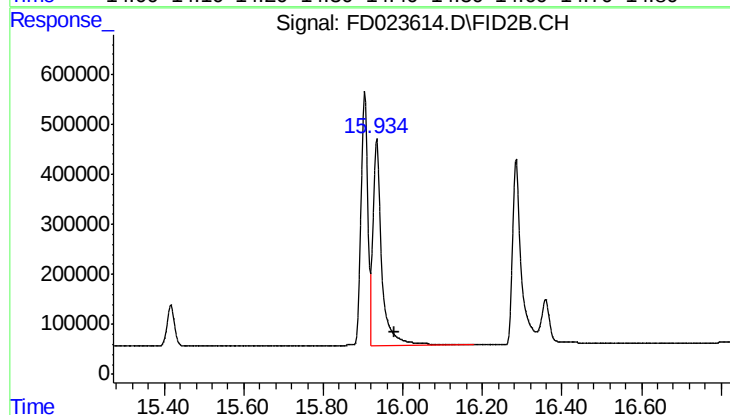
#13 Pyrene (C20.8)

R.T.: 12.557 min
Delta R.T.: 0.016 min
Response: 2434713
Conc: 17.25 ug/ml



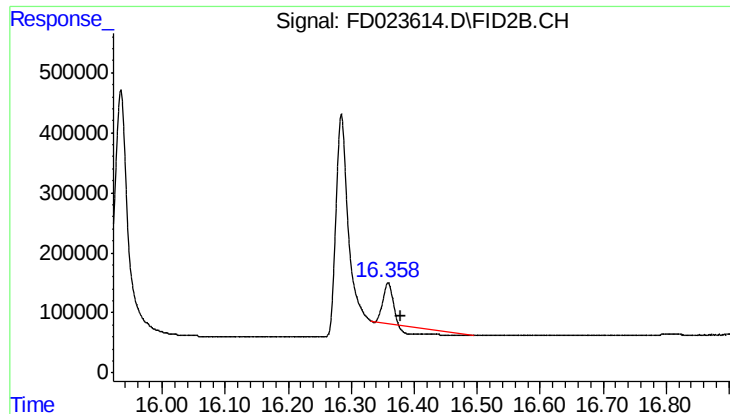
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.387 min
Delta R.T.: -0.036 min
Response: 6977568
Conc: 56.16 ug/ml



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

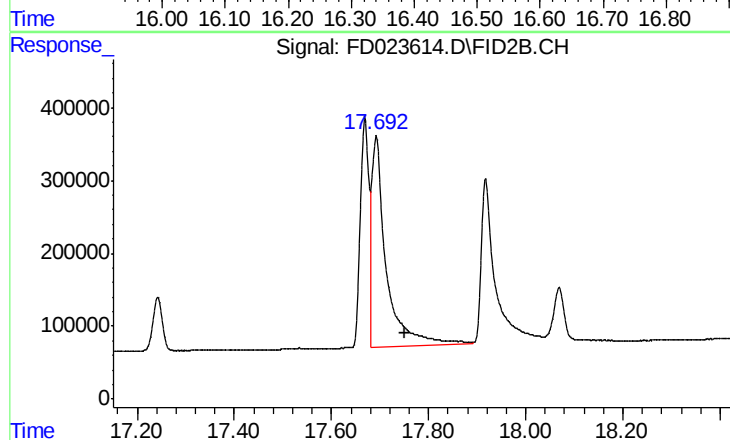
R.T.: 15.934 min
Delta R.T.: -0.044 min
Response: 6338213
Conc: 47.02 ug/ml



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

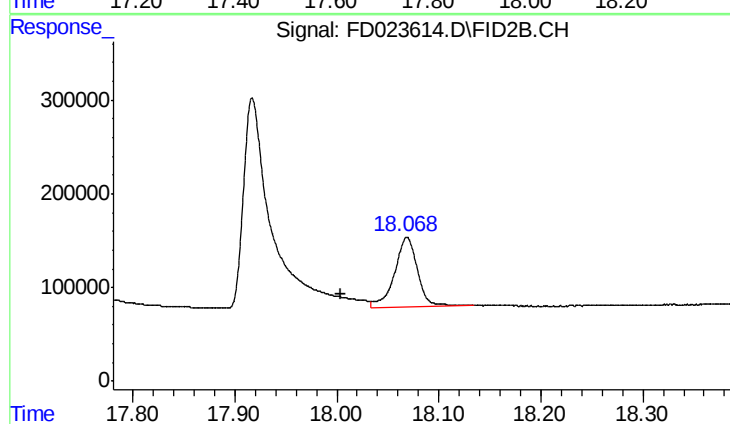
R.T.: 16.359 min
Delta R.T.: -0.021 min
Response: 238117
Conc: 1.65 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.692 min
Delta R.T.: -0.058 min
Response: 6132496
Conc: 47.26 ug/ml



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

R.T.: 18.069 min
Delta R.T.: 0.065 min
Response: 1164660
Conc: 7.86 ug/ml