

Data Path : P:\HPCHEM1\FID D\Data\FD051118AR\
 Data File : FD023612.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2018 7:05
 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 07:29:49 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	2661983	19.629 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
6) S 2-Fluorobiphenyl (SURR)	8.191	3387352	47.530 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.06%
11) S ortho-Terphenyl (SURR)	11.118f	3204335	22.920 ug/ml
Spiked Amount 50.000		Recovery =	45.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.140	59479	0.427 ug/ml
2) T Naphthalene (C11.7)	5.593f	2818958	20.596 ug/ml
3) T 2-Methylnaphthalene (...)	6.639f	2808568	20.575 ug/ml
5) T Acenaphthylene (C15.06)	7.901f	3032107	20.745 ug/ml
7) T Acenaphthene (C15.5)	8.191f	3387352	20.051 ug/ml
8) T Fluorene (C16.55)	8.974f	3048945	21.291 ug/ml
9) T Phenanthrene (C19.36)	10.443	3171101	23.892 ug/ml
13) T Pyrene (C20.8)	12.550	126132	0.894 ug/ml
14) T Benzo[a]anthracene (C...	14.386	3484951	28.052 ug/ml
16) T benzo[b]fluoranthene ...	15.933	3670932	27.232 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.694f	3988531	30.736 ug/ml
21) T Benzo[a,h,i]perylene ...	18.065f	141037	0.952 ug/ml

(f)=RT Delta > 1/2 Window

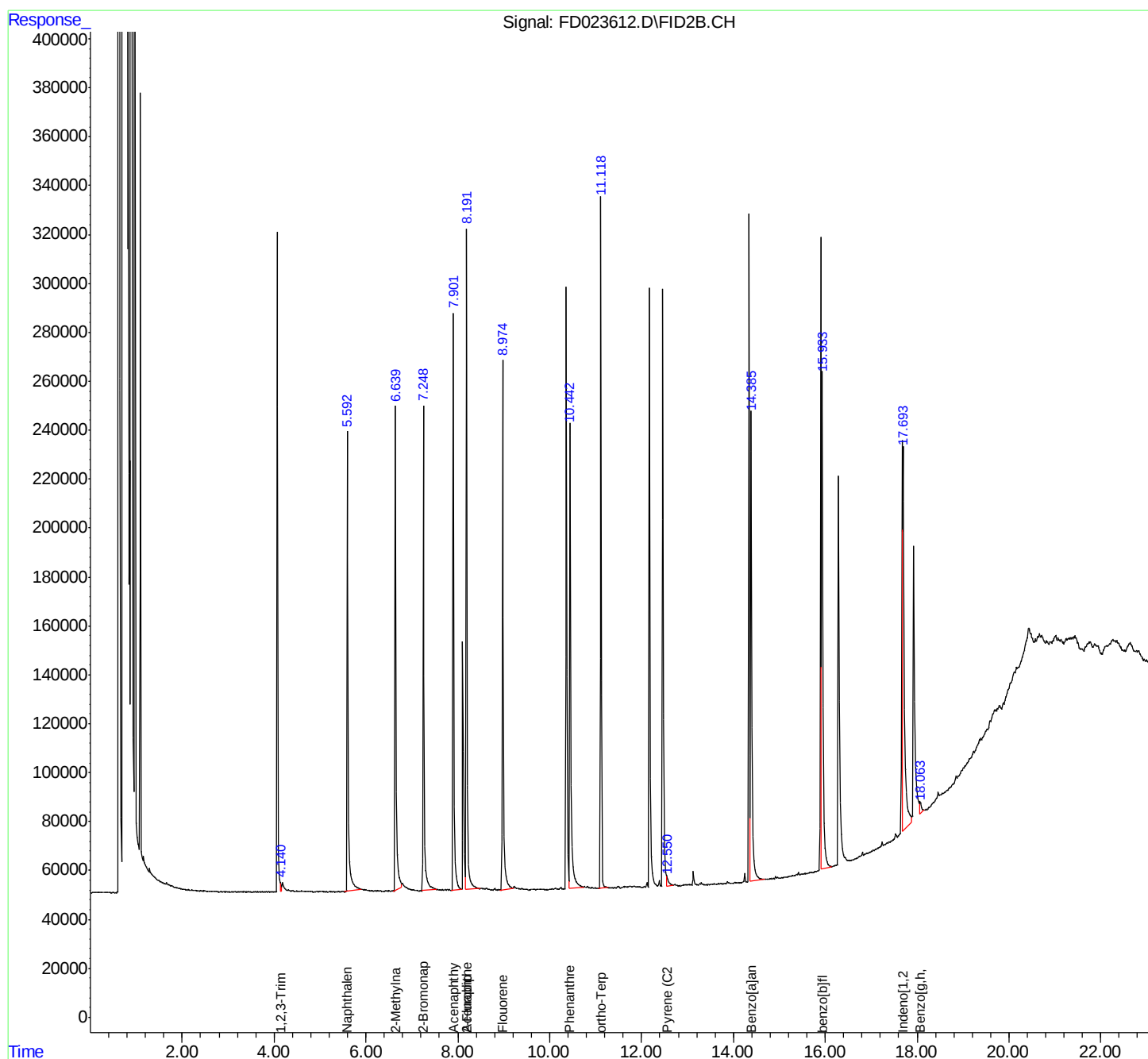
(m)=manual int.

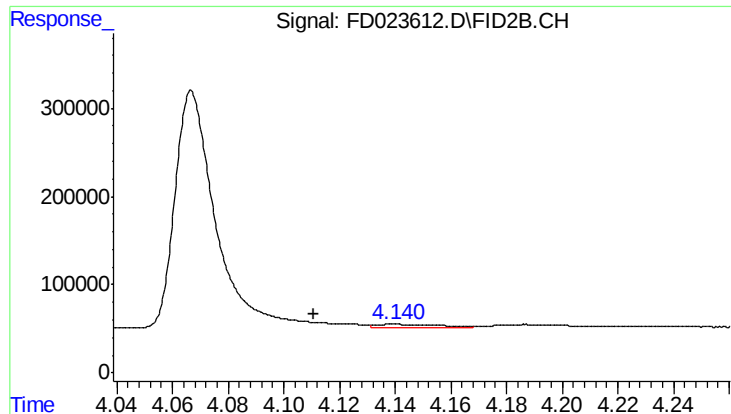
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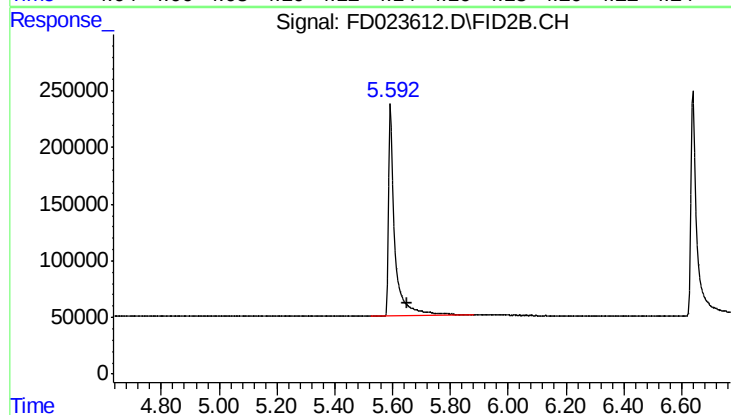




#1 1,2,3-Trimethylbenzene (C10.1)

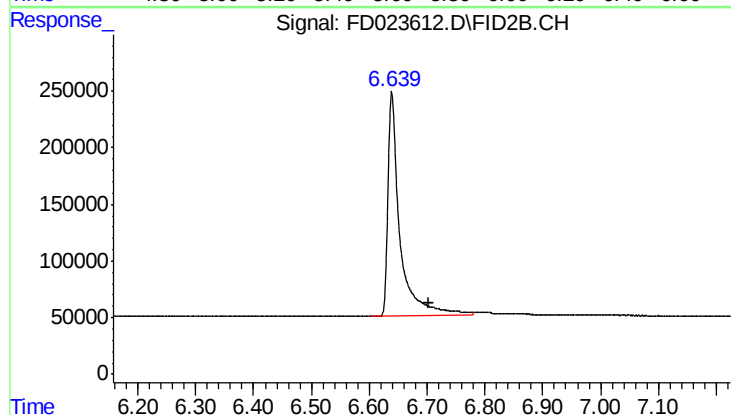
R.T.: 4.140 min
Delta R.T.: 0.029 min
Response: 59479
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



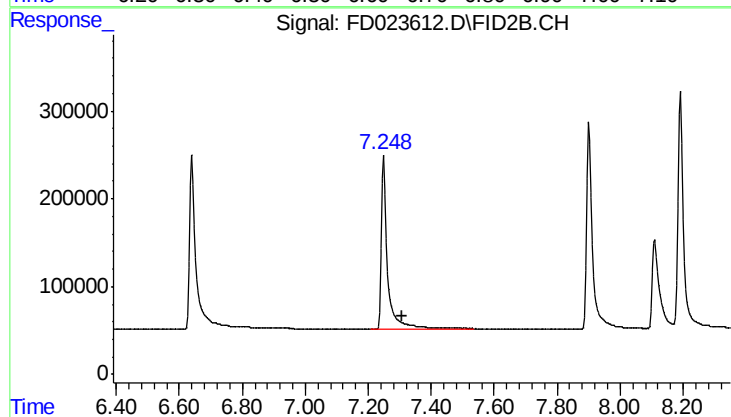
#2 Naphthalene (C11.7)

R.T.: 5.593 min
Delta R.T.: -0.060 min
Response: 2818958
Conc: 20.60 ug/ml



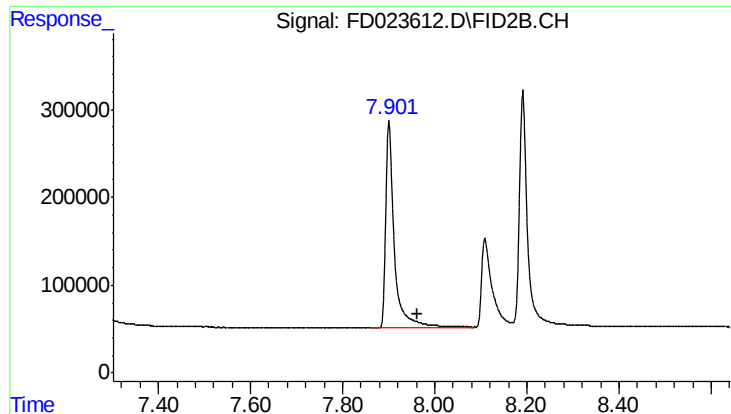
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.639 min
Delta R.T.: -0.063 min
Response: 2808568
Conc: 20.57 ug/ml



#4 2-Bromonaphthalene (SURR)

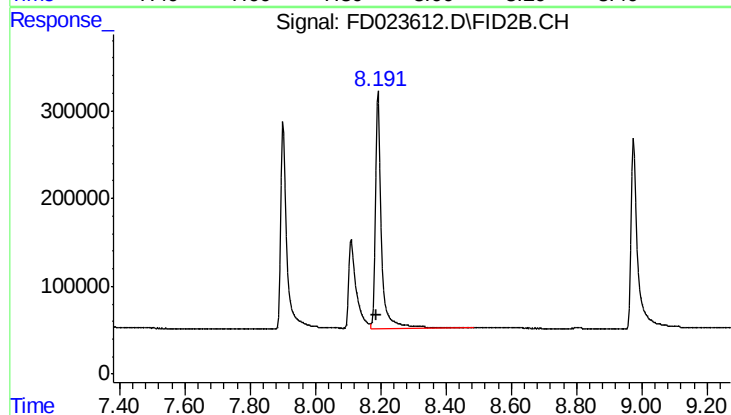
R.T.: 7.248 min
Delta R.T.: -0.061 min
Response: 2661983
Conc: 19.63 ug/ml



#5 Acenaphthylene (C15.06)

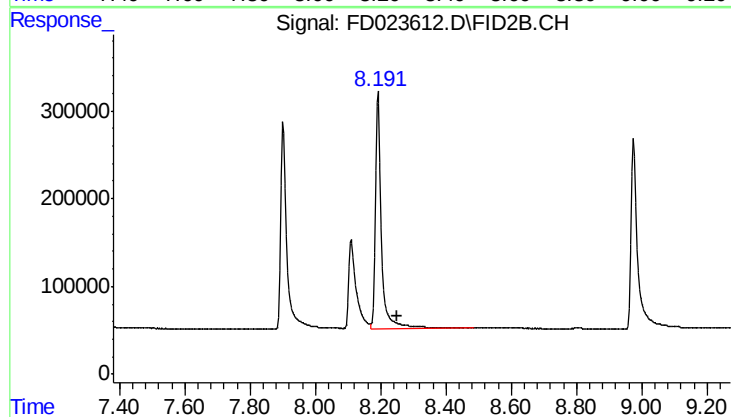
R.T.: 7.901 min
Delta R.T.: -0.062 min
Response: 3032107
Conc: 20.75 ug/ml

Instrument :
FID_D
ClientSampleId :



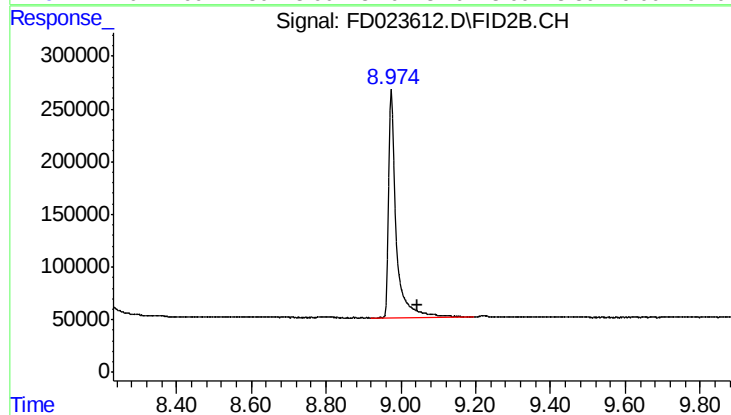
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.191 min
Delta R.T.: 0.003 min
Response: 3387352
Conc: 47.53 ug/ml



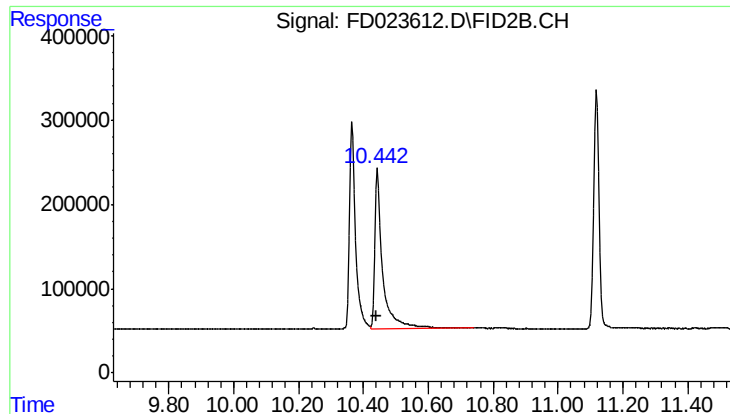
#7 Acenaphthene (C15.5)

R.T.: 8.191 min
Delta R.T.: -0.057 min
Response: 3387352
Conc: 20.05 ug/ml



#8 Fluorene (C16.55)

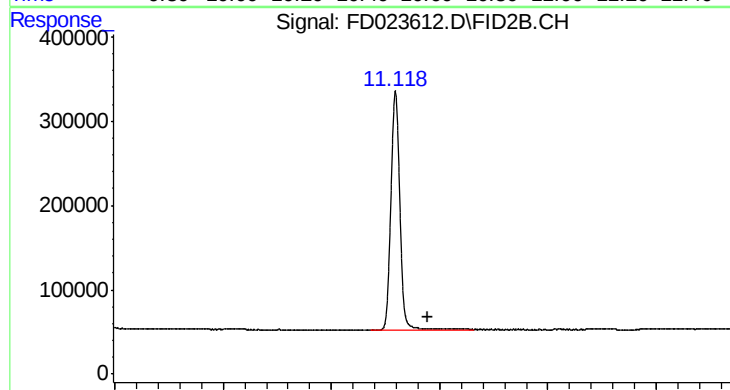
R.T.: 8.974 min
Delta R.T.: -0.070 min
Response: 3048945
Conc: 21.29 ug/ml



#9 Phenanthrene (C19.36)

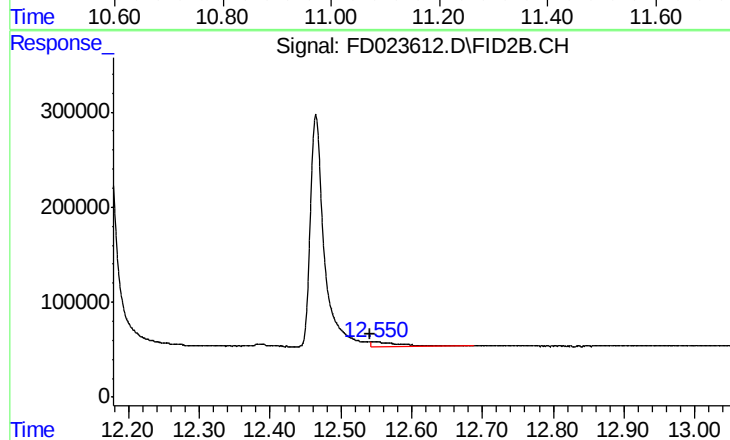
R.T.: 10.443 min
Delta R.T.: 0.004 min
Response: 3171101
Conc: 23.89 ug/ml

Instrument :
FID_D
ClientSampleId :



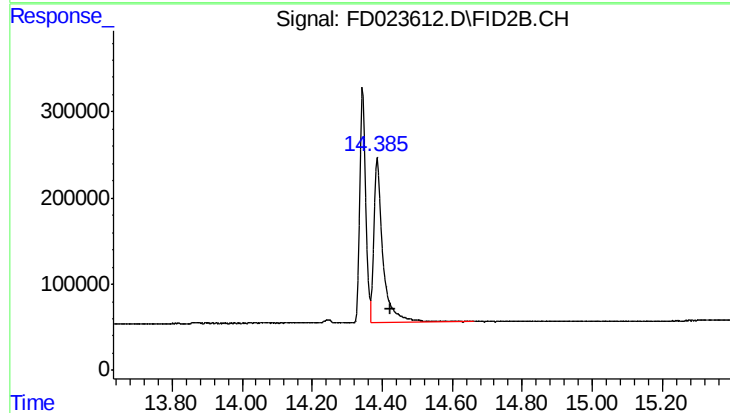
#11 ortho-Terphenyl (SURR)

R.T.: 11.118 min
Delta R.T.: -0.059 min
Response: 3204335
Conc: 22.92 ug/ml



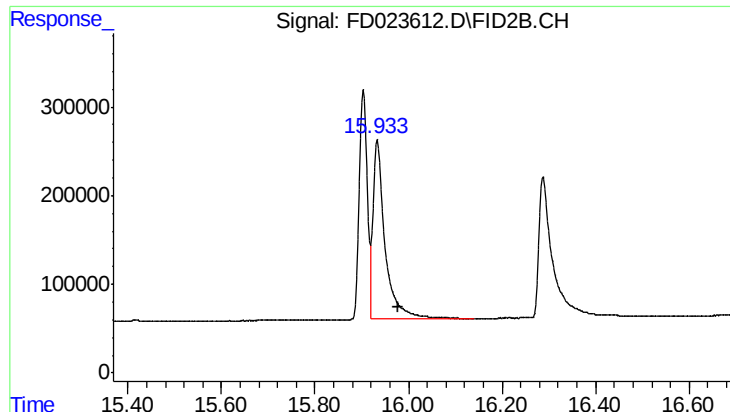
#13 Pyrene (C20.8)

R.T.: 12.550 min
Delta R.T.: 0.009 min
Response: 126132
Conc: 0.89 ug/ml



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

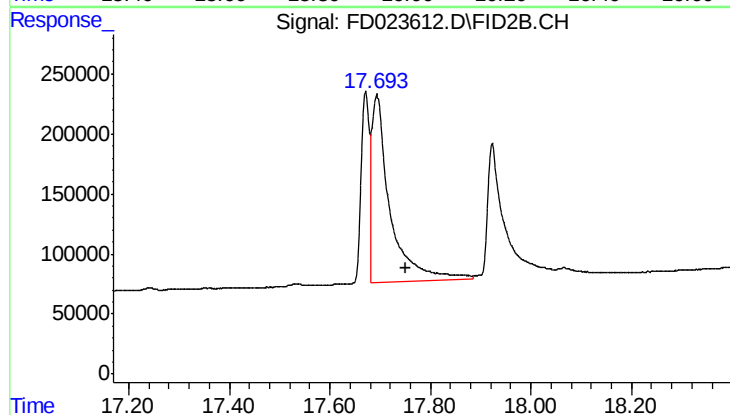
R.T.: 14.386 min
Delta R.T.: -0.037 min
Response: 3484951
Conc: 28.05 ug/ml



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

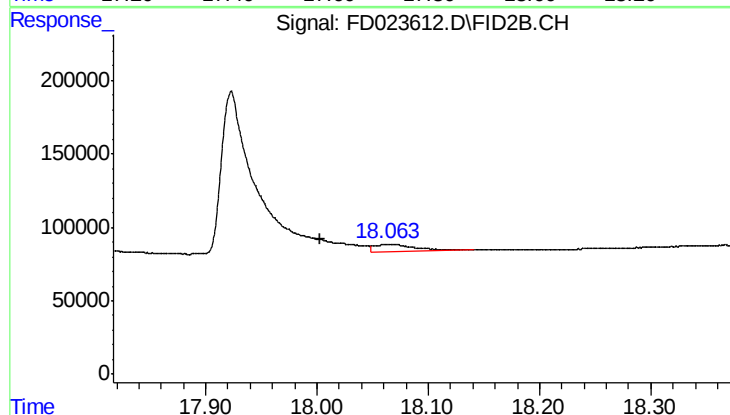
R.T.: 15.933 min
Delta R.T.: -0.045 min
Response: 3670932
Conc: 27.23 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.694 min
Delta R.T.: -0.057 min
Response: 3988531
Conc: 30.74 ug/ml



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

R.T.: 18.065 min
Delta R.T.: 0.062 min
Response: 141037
Conc: 0.95 ug/ml