

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121620AR\
 Data File : FD035790.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2020 23:00
 Operator : DD\AJ
 Sample : L5036-03
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 17 06:43:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 09:48:30 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...	7.593	8717663	68.404 ug/ml
Spiked Amount 50.000		Recovery =	136.81%
6) S 2-Fluorobiphenyl (SURR)	8.459	5661421	65.296 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	130.59%
11) S ortho-Terphenyl (SURR)	11.532	553174	3.738 ug/ml
Spiked Amount 50.000		Recovery =	7.48%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.221f	53977	0.369 ug/ml
7) T Acenaphthene (C15.5)	8.553	316823	2.093 ug/ml
8) T Fluorene (C16.55)	9.342	187127	1.304 ug/ml
9) T Phenanthrene (C19.36)	10.731	3292517	23.153 ug/ml
10) T Anthracene (C19.43)	10.810	669118	4.677 ug/ml
12) T Fluoranthene (C21.85)	12.545	4075644	29.232 ug/ml
13) T Pyrene (C20.8)	12.842	3803755	28.086 ug/ml
14) T Benzo[a]anthracene (C...	14.756	1745076	15.006 ug/ml
15) T Chrysene (C27.41)	14.756	1745076	13.651 ug/ml
16) T benzo[b]fluoranthene ...	16.271	2494691	23.063 ug/ml
17) T Bnezo[k]fluoranthene ...	16.271f	2494691	22.482 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.650	1537606	15.593 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.063	230059	2.378 ug/ml
20) T Dibenz[a,h]anthracene...	18.063	230059	2.230 ug/ml
21) T Benzo[g,h,i]perylene ...	18.273	999016	10.089 ug/ml

(f)=RT Delta > 1/2 Window

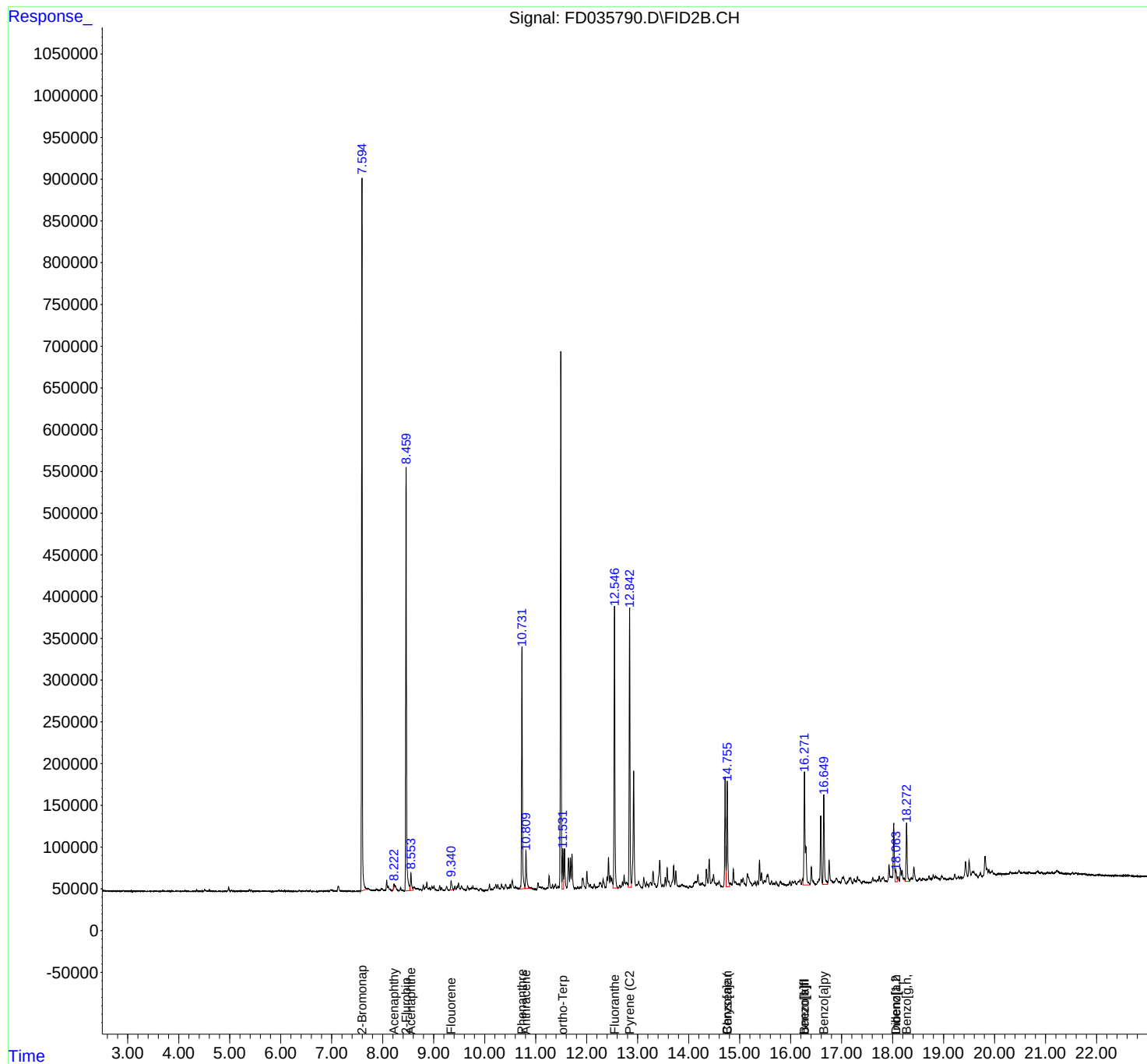
(m)=manual int.

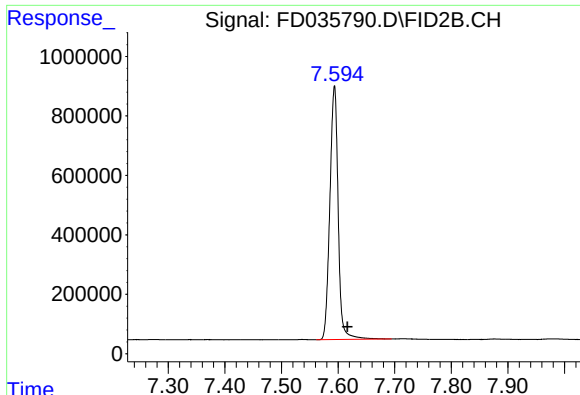
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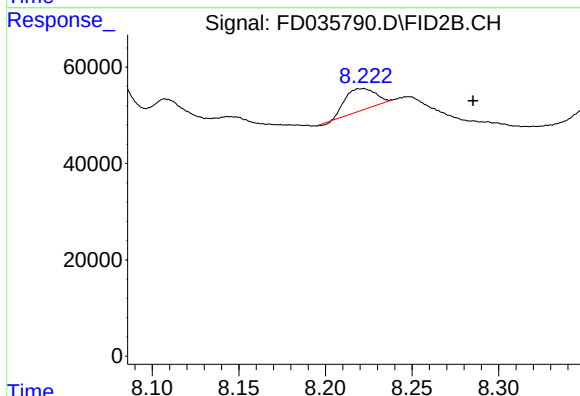




#4 2-Bromonaphthalene (SURR)

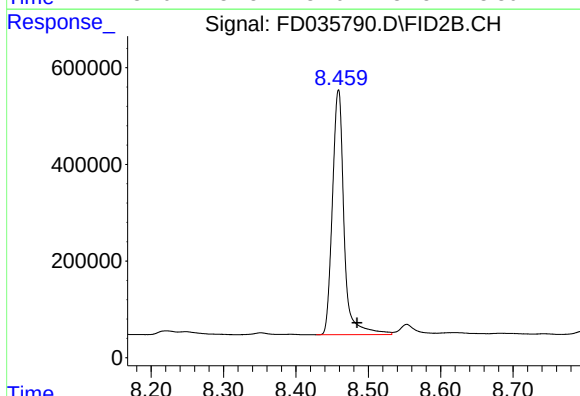
R.T.: 7.593 min
Delta R.T.: -0.023 min
Response: 8717663
Conc: 68.40 ug/ml

Instrument :
FID_D
ClientSampleId :



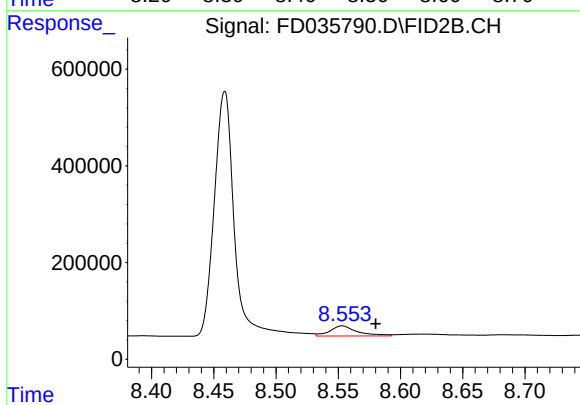
#5 Acenaphthylene (C15.06)

R.T.: 8.221 min
Delta R.T.: -0.064 min
Response: 53977
Conc: 0.37 ug/ml



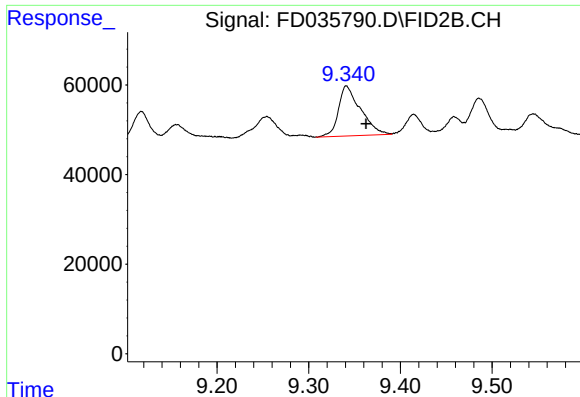
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.459 min
Delta R.T.: -0.026 min
Response: 5661421
Conc: 65.30 ug/ml



#7 Acenaphthene (C15.5)

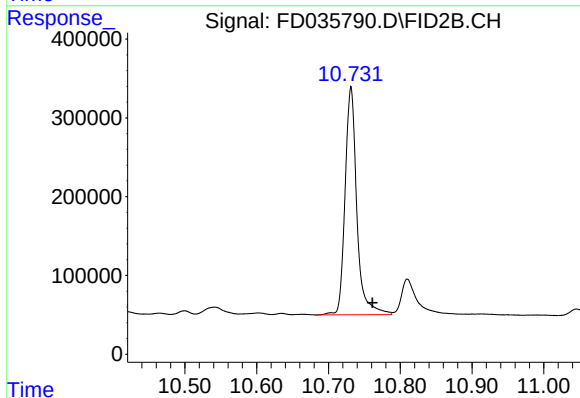
R.T.: 8.553 min
Delta R.T.: -0.027 min
Response: 316823
Conc: 2.09 ug/ml



#8 Flouorene (C16.55)

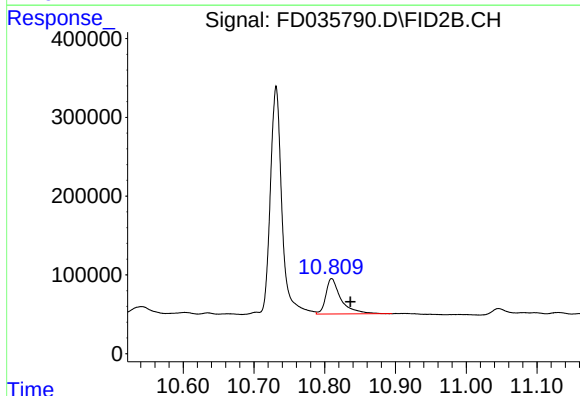
R.T.: 9.342 min
Delta R.T.: -0.021 min
Response: 187127
Conc: 1.30 ug/ml

Instrument :
FID_D
ClientSampleId :



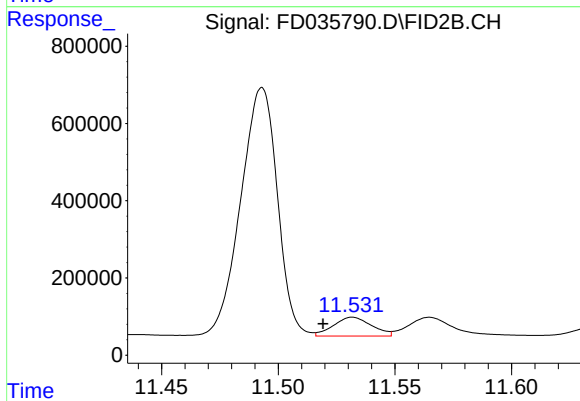
#9 Phenanthrene (C19.36)

R.T.: 10.731 min
Delta R.T.: -0.030 min
Response: 3292517
Conc: 23.15 ug/ml



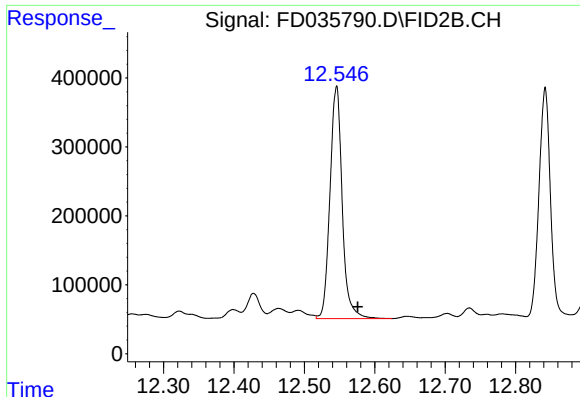
#10 Anthracene (C19.43)

R.T.: 10.810 min
Delta R.T.: -0.026 min
Response: 669118
Conc: 4.68 ug/ml



#11 ortho-Terphenyl (SURR)

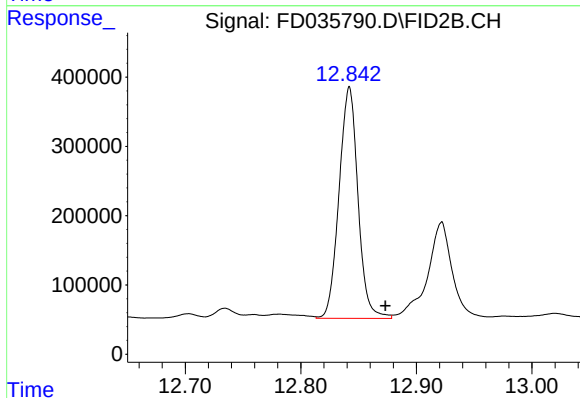
R.T.: 11.532 min
Delta R.T.: 0.013 min
Response: 553174
Conc: 3.74 ug/ml



#12 Fluoranthene (C21.85)

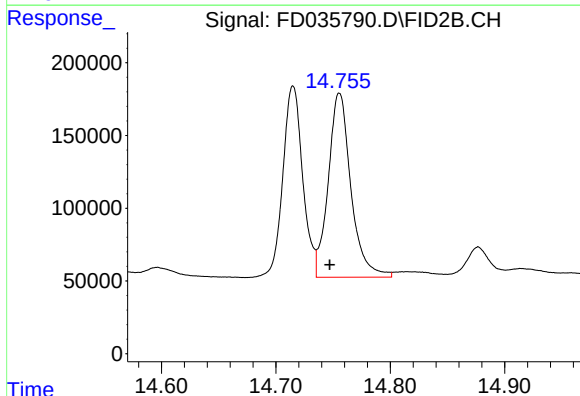
R.T.: 12.545 min
Delta R.T.: -0.030 min
Response: 4075644
Conc: 29.23 ug/ml

Instrument :
FID_D
ClientSampleId :



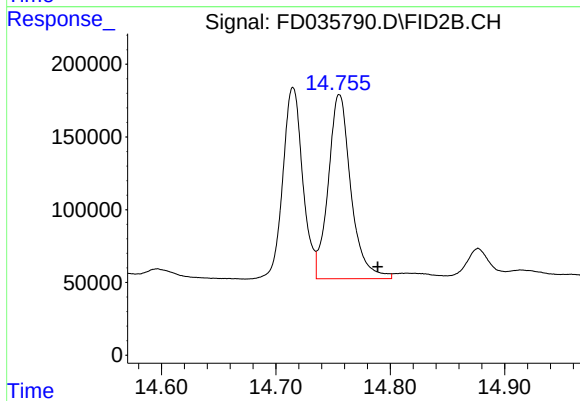
#13 Pyrene (C20.8)

R.T.: 12.842 min
Delta R.T.: -0.032 min
Response: 3803755
Conc: 28.09 ug/ml



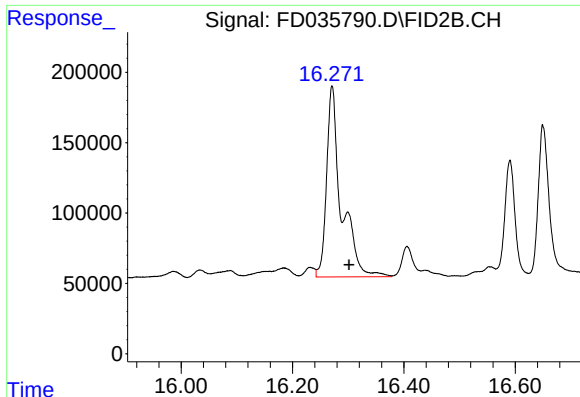
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.756 min
Delta R.T.: 0.008 min
Response: 1745076
Conc: 15.01 ug/ml



#15 Chrysene (C27.41)

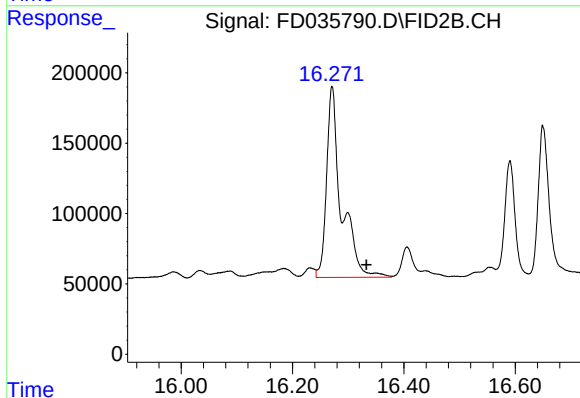
R.T.: 14.756 min
Delta R.T.: -0.033 min
Response: 1745076
Conc: 13.65 ug/ml



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

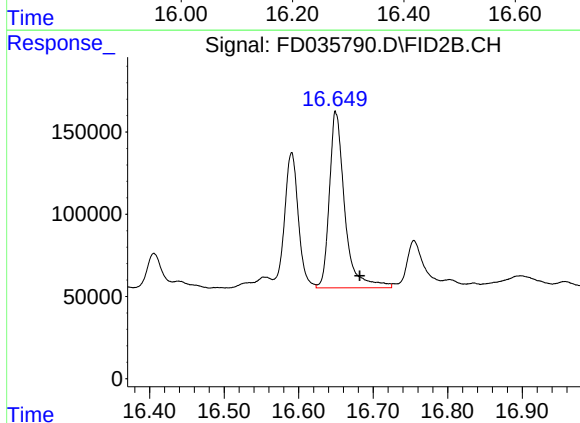
R.T.: 16.271 min
Delta R.T.: -0.030 min
Response: 2494691
Conc: 23.06 ug/ml

Instrument :
FID_D
ClientSampleId :



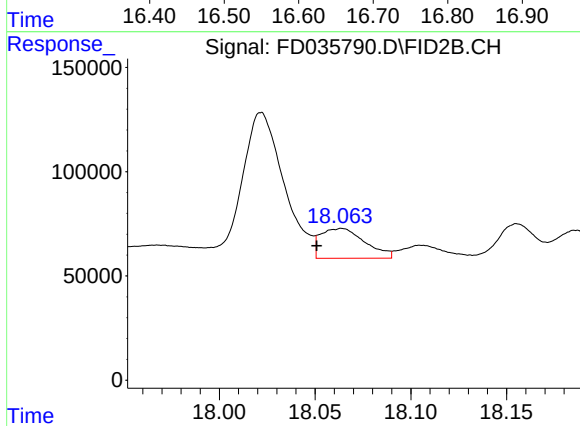
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.271 min
Delta R.T.: -0.062 min
Response: 2494691
Conc: 22.48 ug/ml



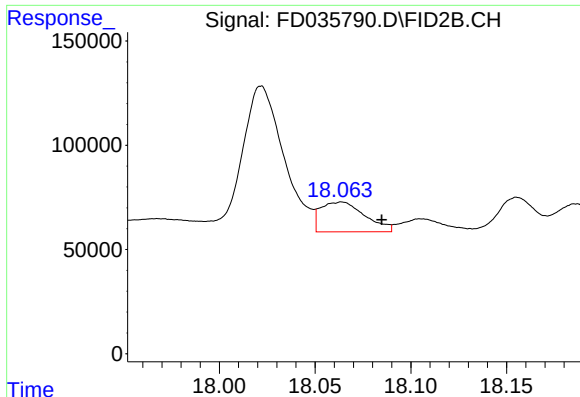
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.650 min
Delta R.T.: -0.032 min
Response: 1537606
Conc: 15.59 ug/ml



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

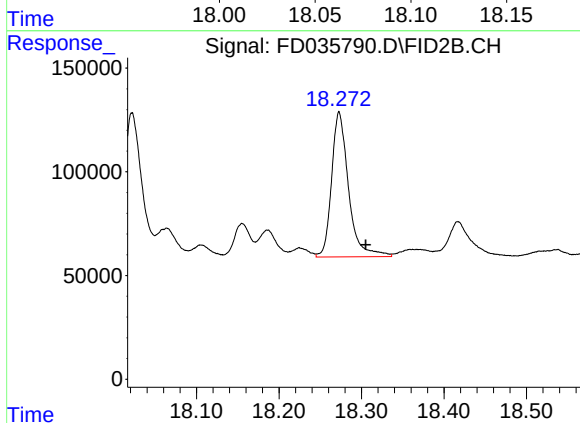
R.T.: 18.063 min
Delta R.T.: 0.012 min
Response: 230059
Conc: 2.38 ug/ml



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

R.T.: 18.063 min
Delta R.T.: -0.022 min
Response: 230059
Conc: 2.23 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.273 min
Delta R.T.: -0.032 min
Response: 999016
Conc: 10.09 ug/ml