

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051021AR\
 Data File : FD037426.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2021 11:09
 Operator : DD\AJ
 Sample : PB136230BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 11 04:02:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 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...	7.568	7899272	66.809 ug/ml
Spiked Amount 50.000		Recovery =	133.62%
6) S 2-Fluorobiphenyl (SURR)	8.429	4215215	54.628 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.26%
11) S ortho-Terphenyl (SURR)	11.471	7181562	58.143 ug/ml
Spiked Amount 50.000		Recovery =	116.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	5674369	42.673 ug/ml
2) T Naphthalene (C11.7)	5.903	6433207	46.798 ug/ml
3) T 2-Methylnaphthalene (...)	6.956	6506545	48.520 ug/ml
5) T Acenaphthylene (C15.06)	8.232	6932138	55.421 ug/ml
7) T Acenaphthene (C15.5)	8.529	6777112	52.444 ug/ml
8) T Flouorene (C16.55)	9.309	6915229	56.455 ug/ml
9) T Phenanthrene (C19.36)	10.705	7069835	59.975 ug/ml
10) T Anthracene (C19.43)	10.781	6887644	59.796 ug/ml
12) T Fluoranthene (C21.85)	12.519	7384522	63.317 ug/ml
13) T Pyrene (C20.8)	12.816	7434122	64.575 ug/ml
14) T Benzo[a]anthracene (C...	14.687	7103647	64.543 ug/ml
15) T Chrysene (C27.41)	14.733	7924573	70.004 ug/ml
16) T benzo[b]fluoranthene ...	16.241	7617161	67.910 ug/ml
17) T Bnezo[k]fluoranthene ...	16.241	7617161	70.722 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.621	7504480	72.508 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.987	6880846	64.685 ug/ml
20) T Dibenz[a,h]anthracene...	18.026	6743200	64.538 ug/ml
21) T Benzo[g,h,i]perylene ...	18.247	7143043	66.875 ug/ml

(f)=RT Delta > 1/2 Window

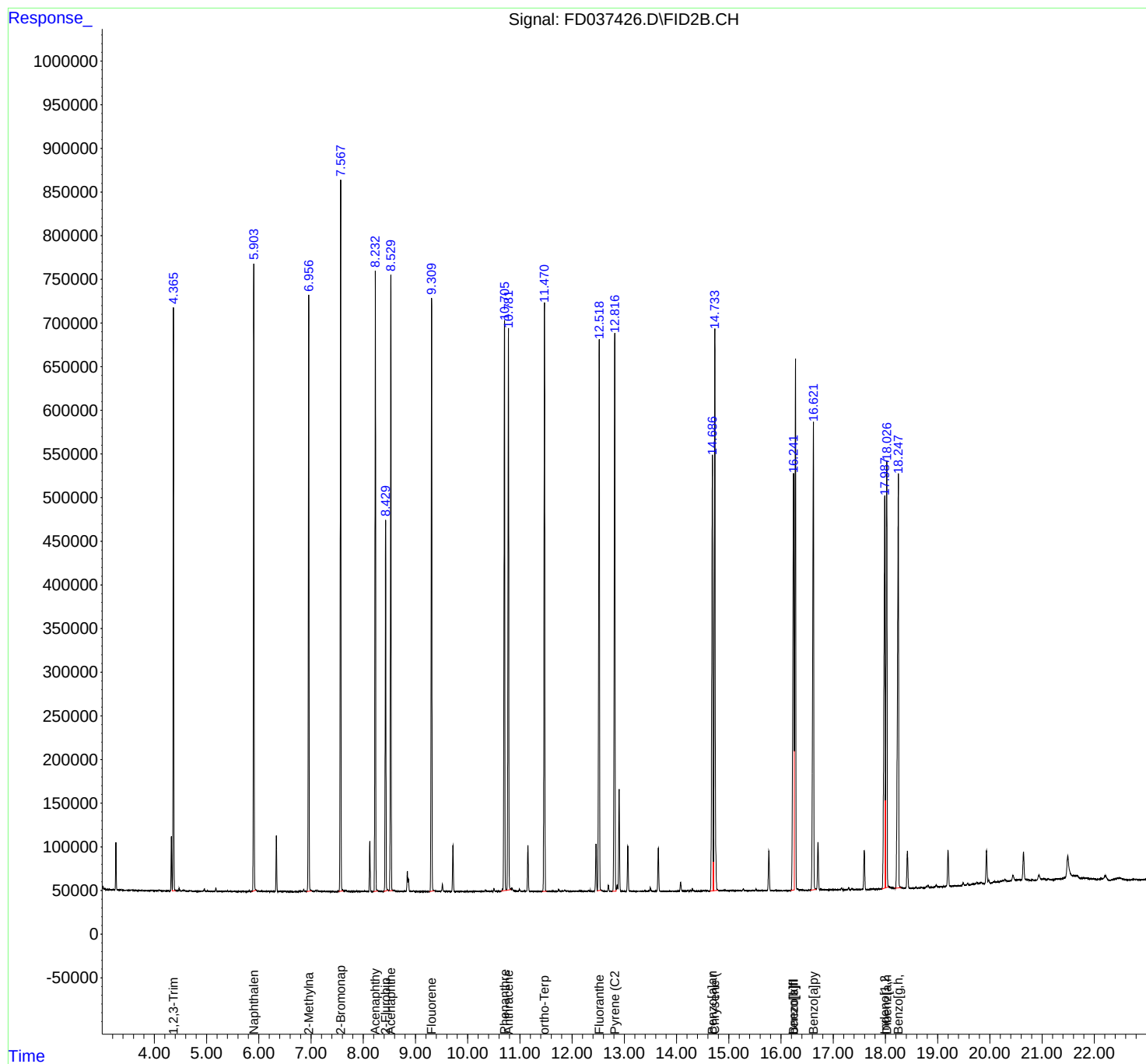
(m)=manual int.

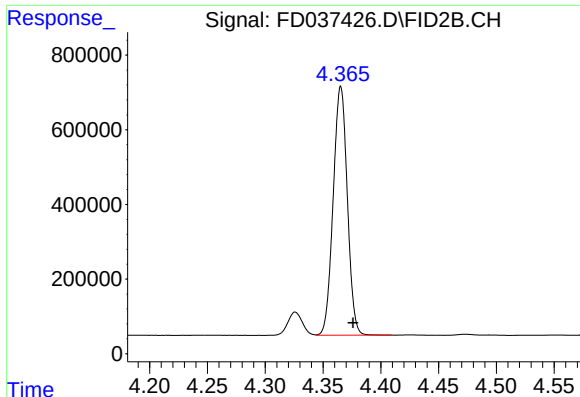
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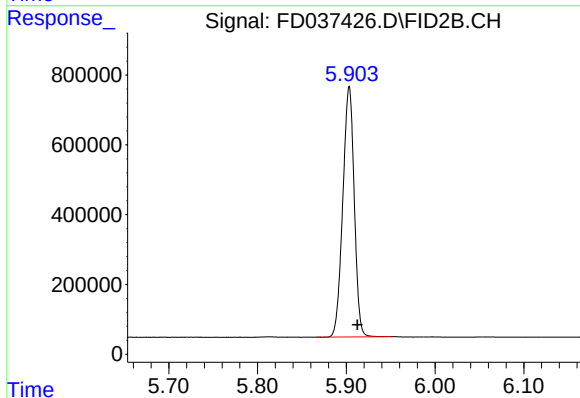




#1 1,2,3-Trimethylbenzene (C10.1)

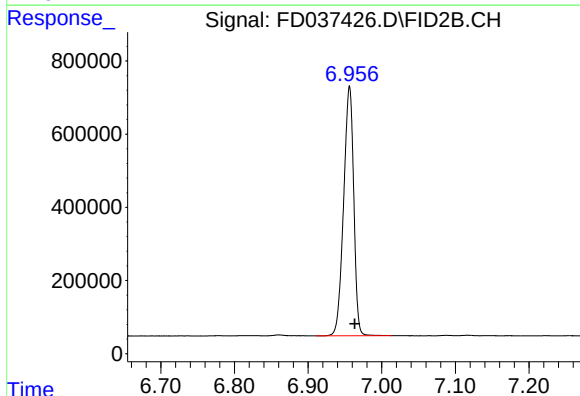
R.T.: 4.365 min
Delta R.T.: -0.011 min
Response: 5674369
Conc: 42.67 ug/ml

Instrument :
FID_D
ClientSampleId :



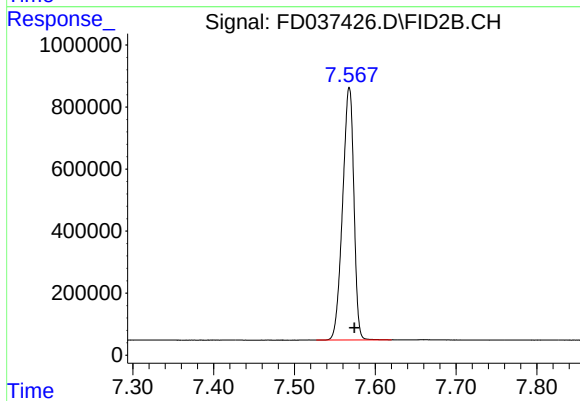
#2 Naphthalene (C11.7)

R.T.: 5.903 min
Delta R.T.: -0.009 min
Response: 6433207
Conc: 46.80 ug/ml



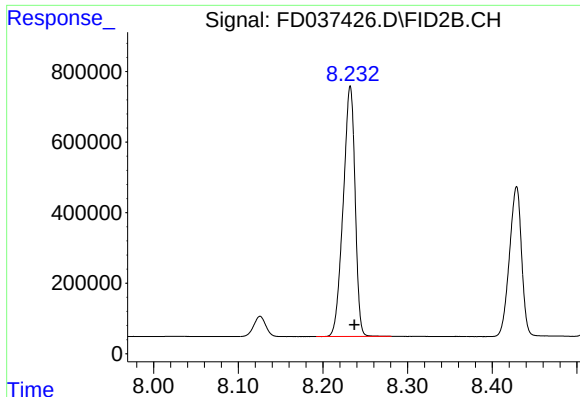
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.956 min
Delta R.T.: -0.007 min
Response: 6506545
Conc: 48.52 ug/ml



#4 2-Bromonaphthalene (SURR)

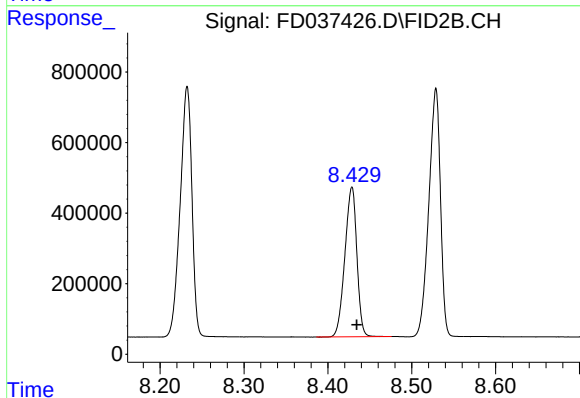
R.T.: 7.568 min
Delta R.T.: -0.006 min
Response: 7899272
Conc: 66.81 ug/ml



#5 Acenaphthylene (C15.06)

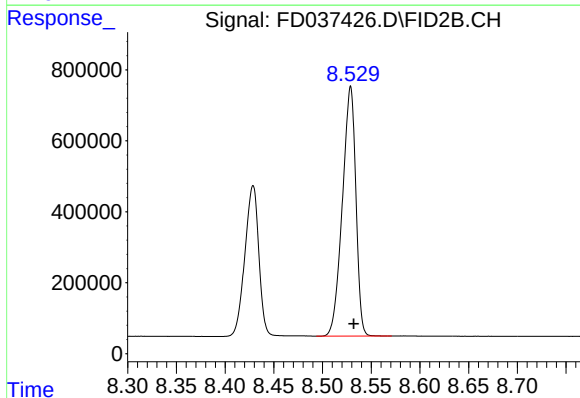
R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 6932138
Conc: 55.42 ug/ml

Instrument :
FID_D
ClientSampleId :



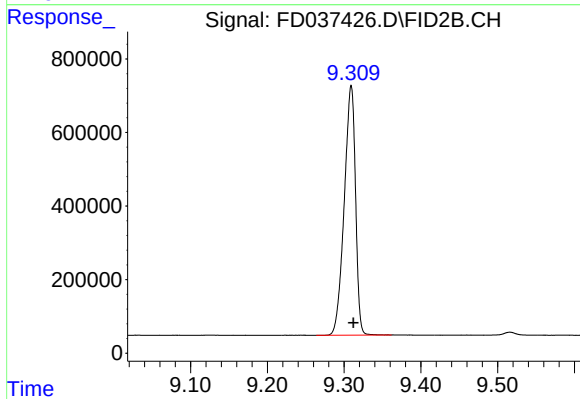
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min
Delta R.T.: -0.006 min
Response: 4215215
Conc: 54.63 ug/ml



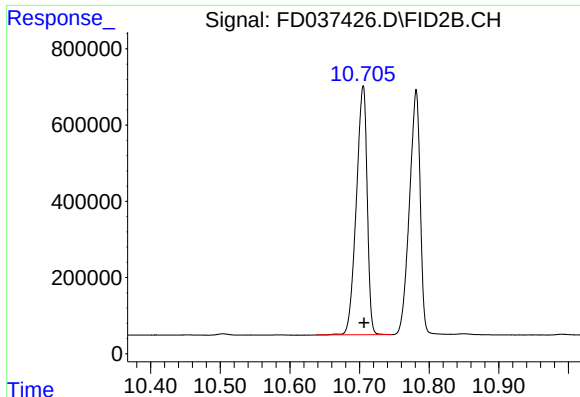
#7 Acenaphthene (C15.5)

R.T.: 8.529 min
Delta R.T.: -0.003 min
Response: 6777112
Conc: 52.44 ug/ml



#8 Flouorene (C16.55)

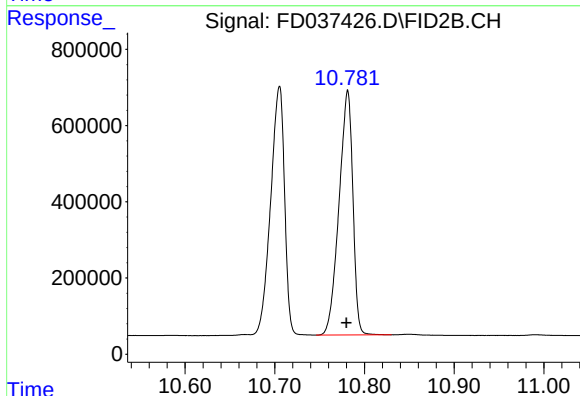
R.T.: 9.309 min
Delta R.T.: -0.003 min
Response: 6915229
Conc: 56.46 ug/ml



#9 Phenanthrene (C19.36)

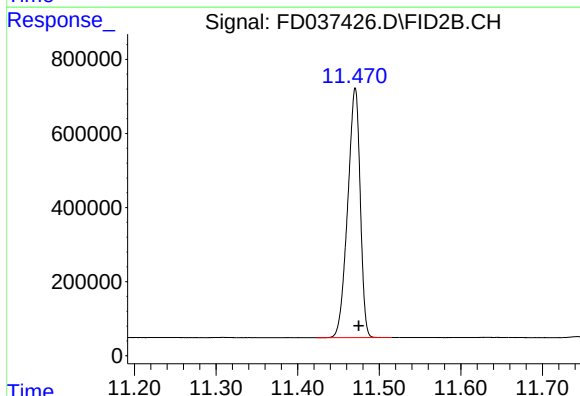
R.T.: 10.705 min
Delta R.T.: -0.001 min
Response: 7069835
Conc: 59.98 ug/ml

Instrument :
FID_D
ClientSampleId :



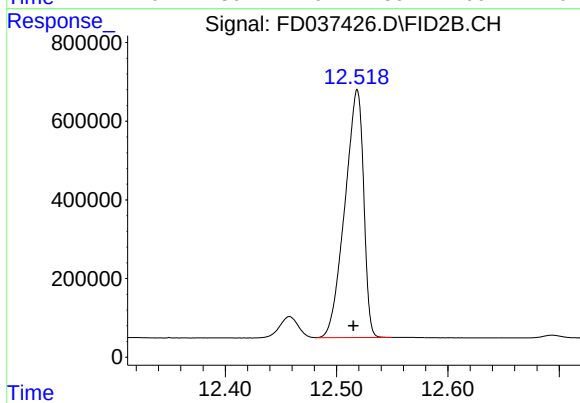
#10 Anthracene (C19.43)

R.T.: 10.781 min
Delta R.T.: 0.001 min
Response: 6887644
Conc: 59.80 ug/ml



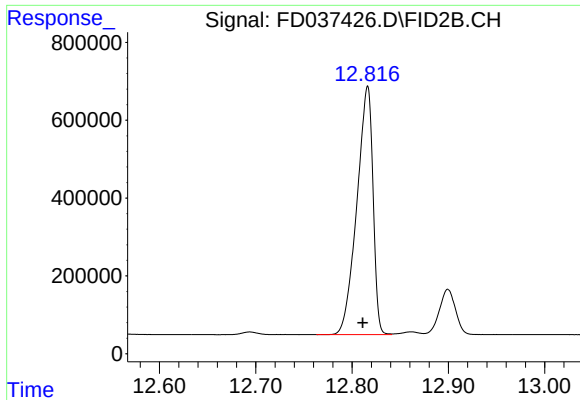
#11 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.004 min
Response: 7181562
Conc: 58.14 ug/ml



#12 Fluoranthene (C21.85)

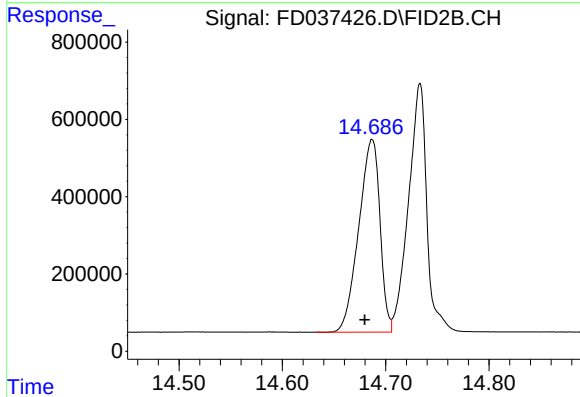
R.T.: 12.519 min
Delta R.T.: 0.003 min
Response: 7384522
Conc: 63.32 ug/ml



#13 Pyrene (C20.8)

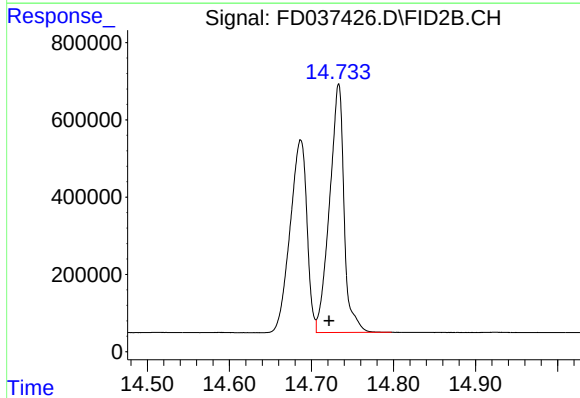
R.T.: 12.816 min
Delta R.T.: 0.005 min
Response: 7434122
Conc: 64.58 ug/ml

Instrument :
FID_D
ClientSampleId :



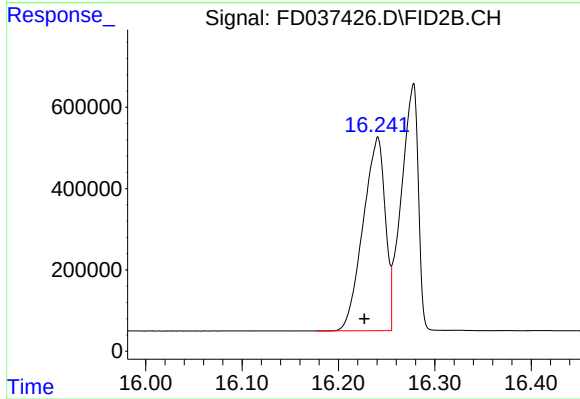
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.687 min
Delta R.T.: 0.007 min
Response: 7103647
Conc: 64.54 ug/ml



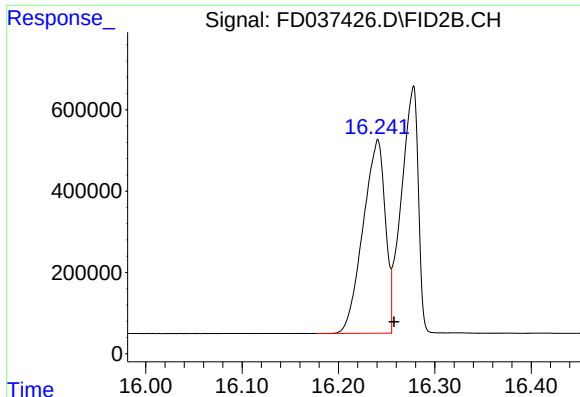
#15 Chrysene (C27.41)

R.T.: 14.733 min
Delta R.T.: 0.012 min
Response: 7924573
Conc: 70.00 ug/ml



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

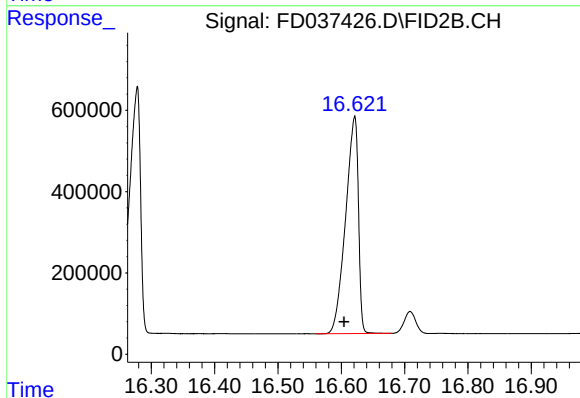
R.T.: 16.241 min
Delta R.T.: 0.014 min
Response: 7617161
Conc: 67.91 ug/ml



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

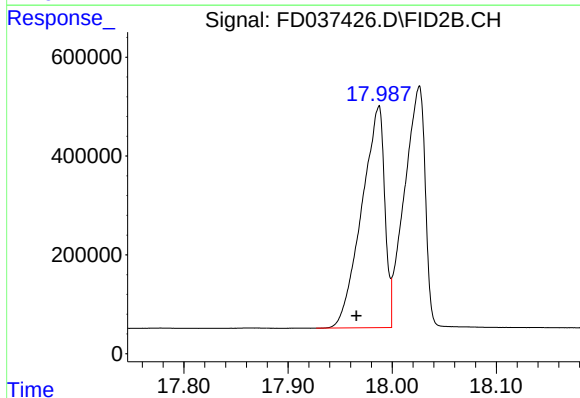
R.T.: 16.241 min
Delta R.T.: -0.017 min
Response: 7617161
Conc: 70.72 ug/ml

Instrument :
FID_D
ClientSampleId :



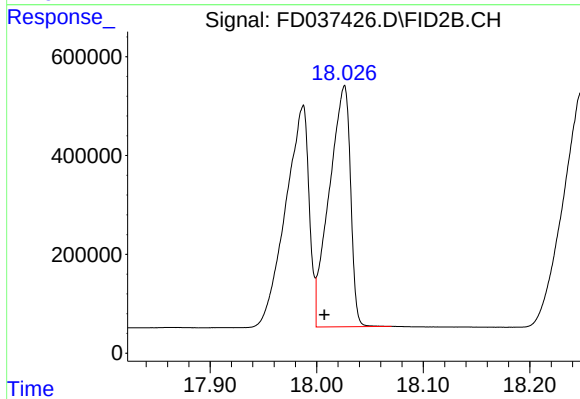
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.621 min
Delta R.T.: 0.017 min
Response: 7504480
Conc: 72.51 ug/ml



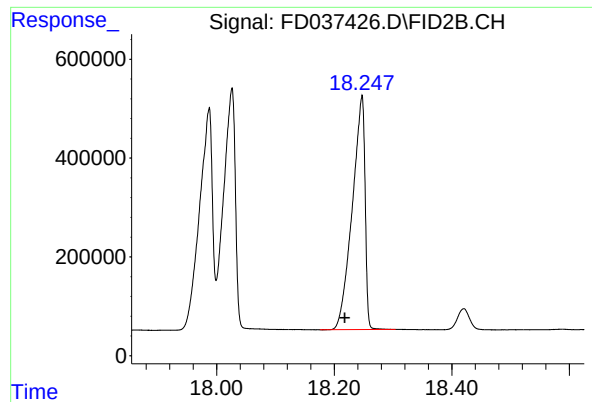
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.987 min
Delta R.T.: 0.021 min
Response: 6880846
Conc: 64.69 ug/ml



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

R.T.: 18.026 min
Delta R.T.: 0.019 min
Response: 6743200
Conc: 64.54 ug/ml



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

R.T.: 18.247 min
Delta R.T.: 0.029 min
Response: 7143043
Conc: 66.87 ug/ml

Instrument :
FID_D
ClientSampleId :