

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052020AR\
 Data File : FD033559.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2020 15:02
 Operator : DD\AJ
 Sample : L2182-02
 Misc : LOQ-SOIL-5 PPM
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 21 05:58:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 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...	7.578	5060995	48.671 ug/ml
Spiked Amount 50.000		Recovery =	97.34%
6) S 2-Fluorobiphenyl (SURR)	8.439	3409794	49.333 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	98.67%
11) S ortho-Terphenyl (SURR)	11.471	6307753	48.109 ug/ml
Spiked Amount 50.000		Recovery =	96.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	397454	3.486 ug/ml
2) T Naphthalene (C11.7)	5.923	405766	3.519 ug/ml
3) T 2-Methylnaphthalene (...)	6.971	457538	3.853 ug/ml
5) T Acenaphthylene (C15.06)	8.241	494656	4.038 ug/ml
7) T Acenaphthene (C15.5)	8.534	495726	3.838 ug/ml
8) T Flouorene (C16.55)	9.315	445476	3.750 ug/ml
9) T Phenanthrene (C19.36)	10.708	464067	3.783 ug/ml
10) T Anthracene (C19.43)	10.784	440288	3.617 ug/ml
12) T Fluoranthene (C21.85)	12.517	478954	3.799 ug/ml
13) T Pyrene (C20.8)	12.813	461148	3.783 ug/ml
14) T Benzo[a]anthracene (C...	14.685	412033	3.657 ug/ml
15) T Chrysene (C27.41)	14.726	522340	4.018 ug/ml
16) T benzo[b]fluoranthene ...	16.236	434456	3.805 ug/ml
17) T Bnezo[k]fluoranthene ...	16.269	465145	3.737 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.621	378989	3.232 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.990	376972	3.693 ug/ml
20) T Dibenz[a,h]anthracene...	18.025	452428	3.749 ug/ml
21) T Benzo[g,h,i]perylene ...	18.240	419143	3.762 ug/ml

(f)=RT Delta > 1/2 Window

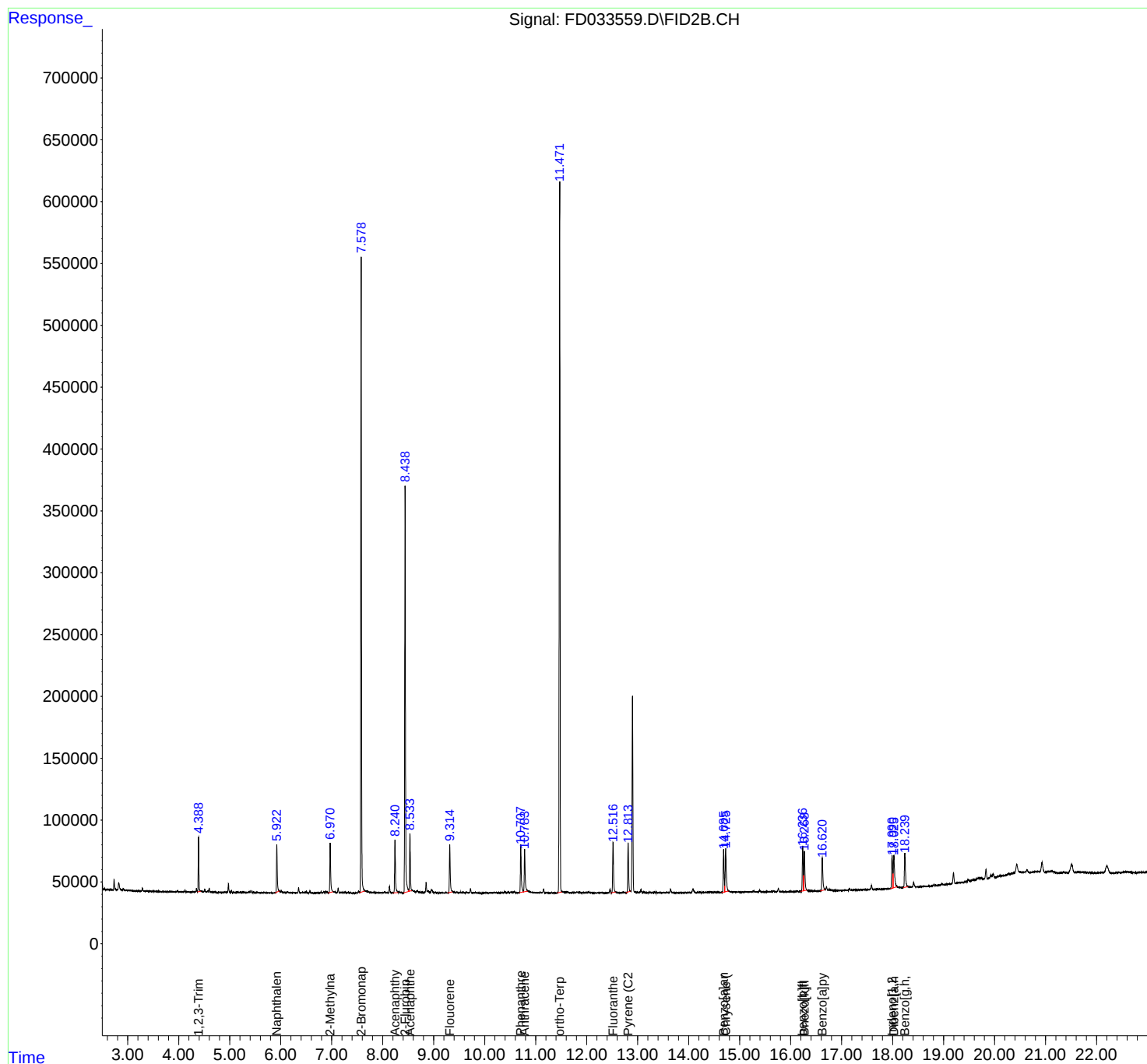
(m)=manual int.

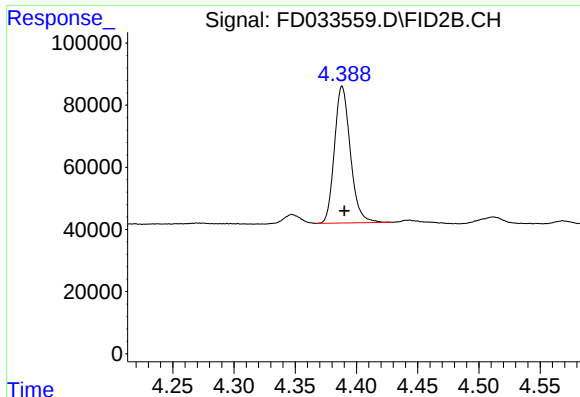
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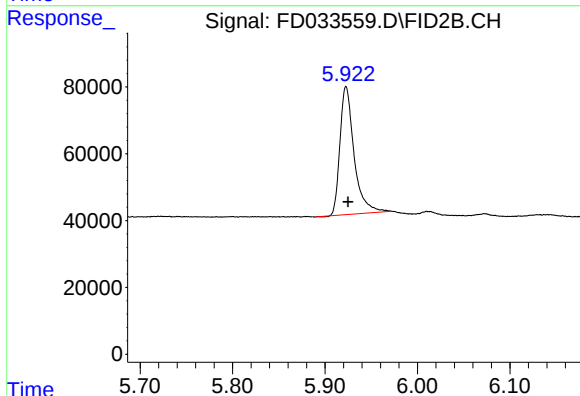




#1 1,2,3-Trimethylbenzene (C10.1)

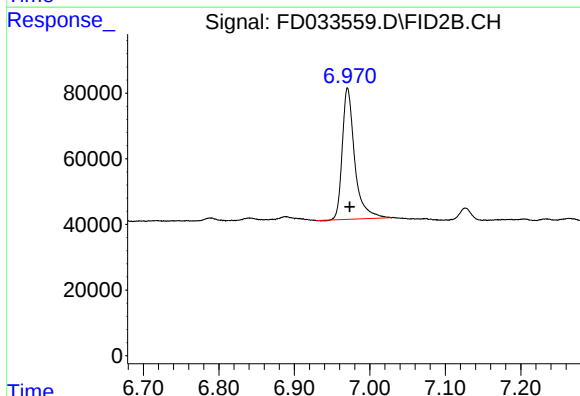
R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 397454
Conc: 3.49 ug/ml

Instrument :
FID_D
ClientSampleId :



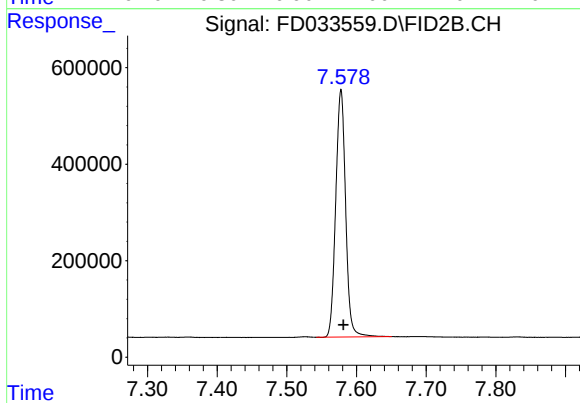
#2 Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 405766
Conc: 3.52 ug/ml



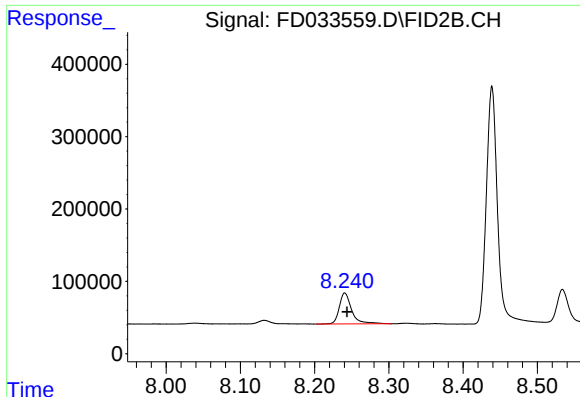
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: -0.003 min
Response: 457538
Conc: 3.85 ug/ml



#4 2-Bromonaphthalene (SURR)

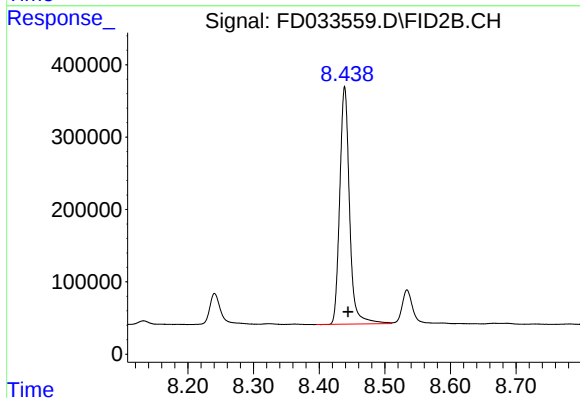
R.T.: 7.578 min
Delta R.T.: -0.004 min
Response: 5060995
Conc: 48.67 ug/ml



#5 Acenaphthylene (C15.06)

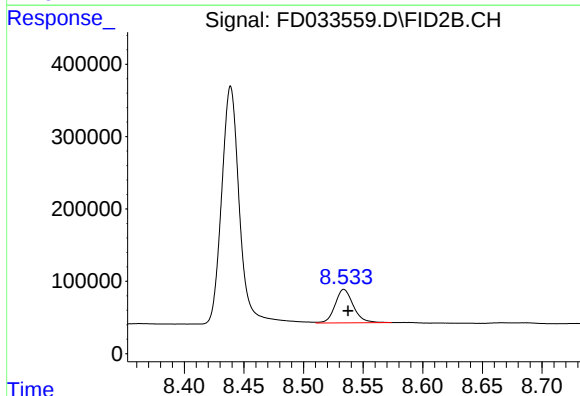
R.T.: 8.241 min
Delta R.T.: -0.003 min
Response: 494656
Conc: 4.04 ug/ml

Instrument :
FID_D
ClientSampleId :



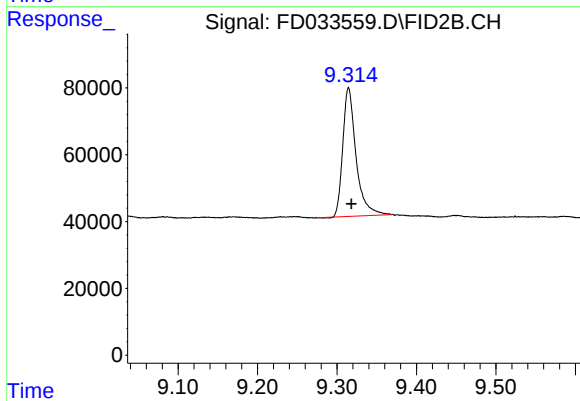
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.439 min
Delta R.T.: -0.005 min
Response: 3409794
Conc: 49.33 ug/ml



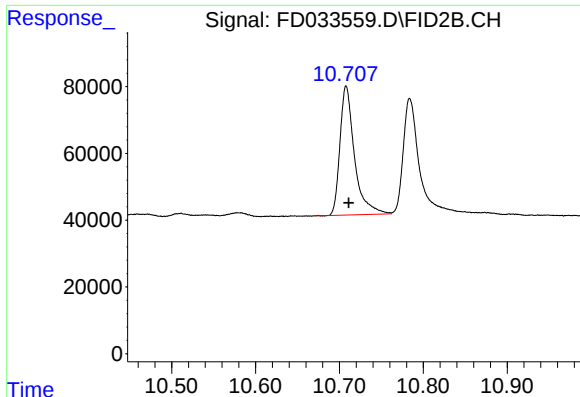
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 495726
Conc: 3.84 ug/ml



#8 Flouorene (C16.55)

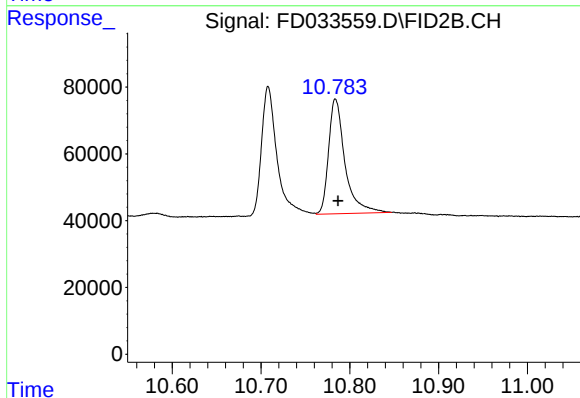
R.T.: 9.315 min
Delta R.T.: -0.003 min
Response: 445476
Conc: 3.75 ug/ml



#9 Phenanthrene (C19.36)

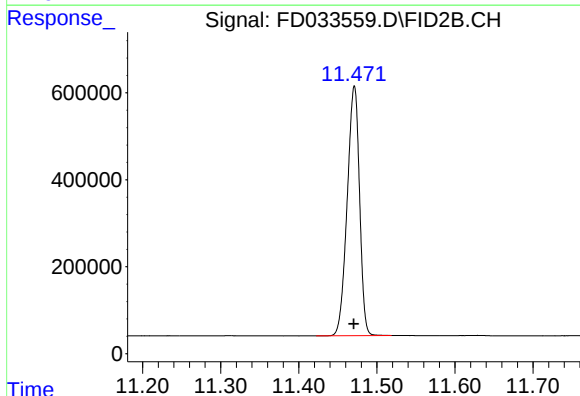
R.T.: 10.708 min
Delta R.T.: -0.003 min
Response: 464067
Conc: 3.78 ug/ml

Instrument :
FID_D
ClientSampleId :



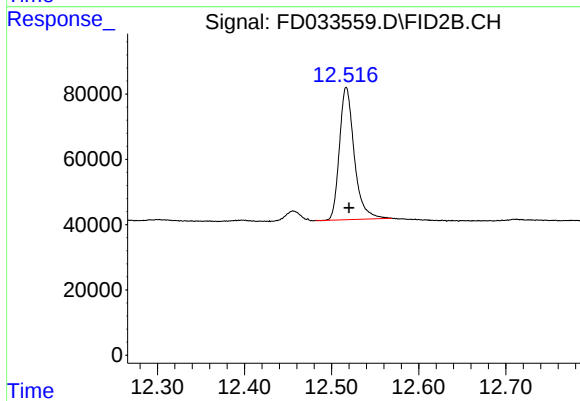
#10 Anthracene (C19.43)

R.T.: 10.784 min
Delta R.T.: -0.003 min
Response: 440288
Conc: 3.62 ug/ml



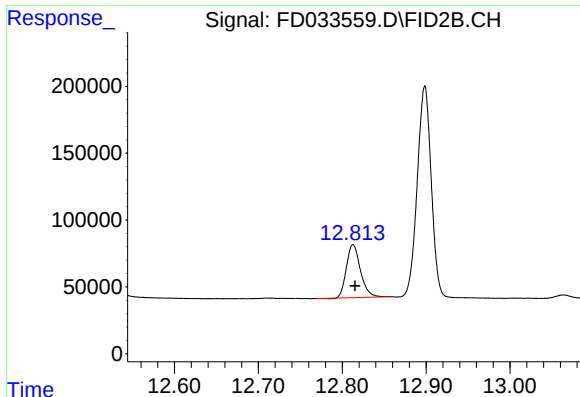
#11 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: 0.000 min
Response: 6307753
Conc: 48.11 ug/ml



#12 Fluoranthene (C21.85)

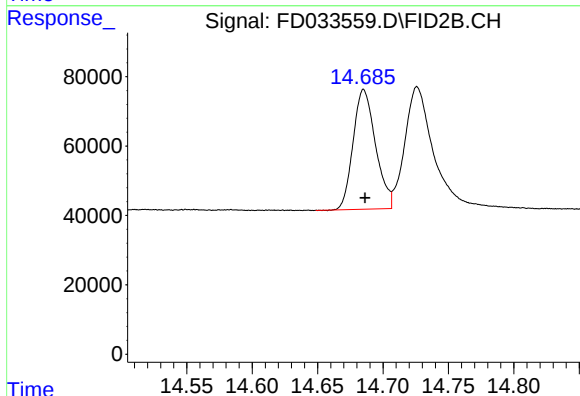
R.T.: 12.517 min
Delta R.T.: -0.003 min
Response: 478954
Conc: 3.80 ug/ml



#13 Pyrene (C20.8)

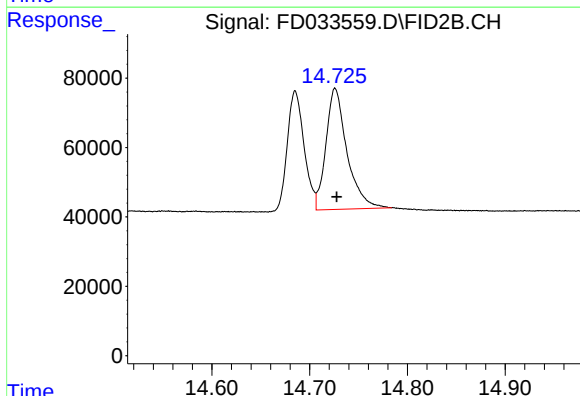
R.T.: 12.813 min
Delta R.T.: -0.003 min
Response: 461148
Conc: 3.78 ug/ml

Instrument :
FID_D
ClientSampleId :



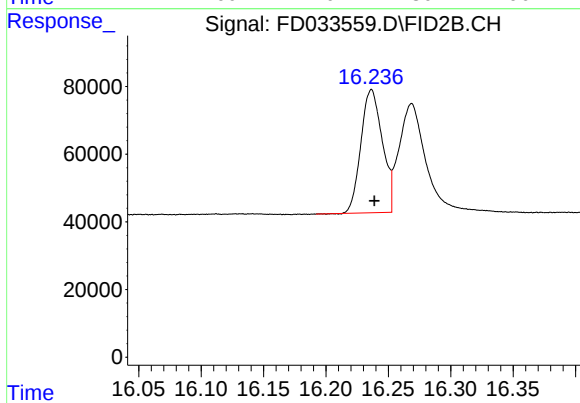
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.685 min
Delta R.T.: -0.001 min
Response: 412033
Conc: 3.66 ug/ml



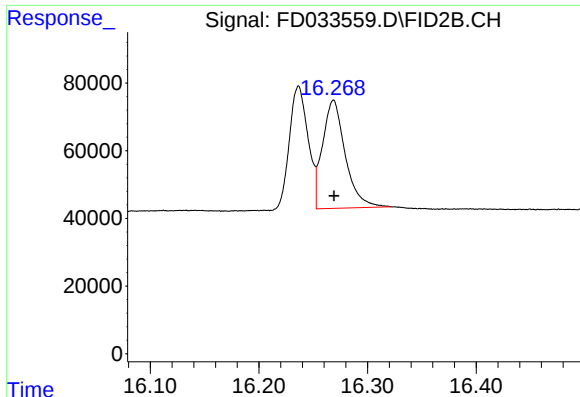
#15 Chrysene (C27.41)

R.T.: 14.726 min
Delta R.T.: -0.002 min
Response: 522340
Conc: 4.02 ug/ml



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

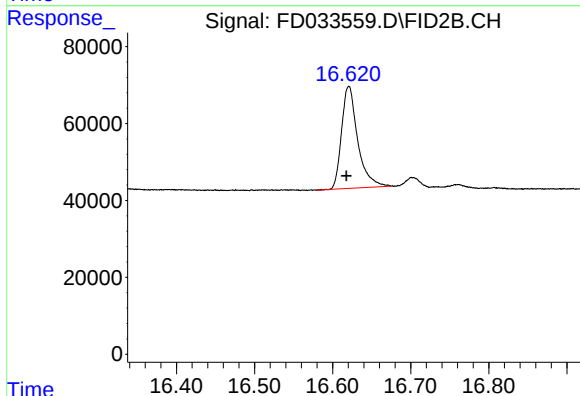
R.T.: 16.236 min
Delta R.T.: -0.002 min
Response: 434456
Conc: 3.81 ug/ml



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

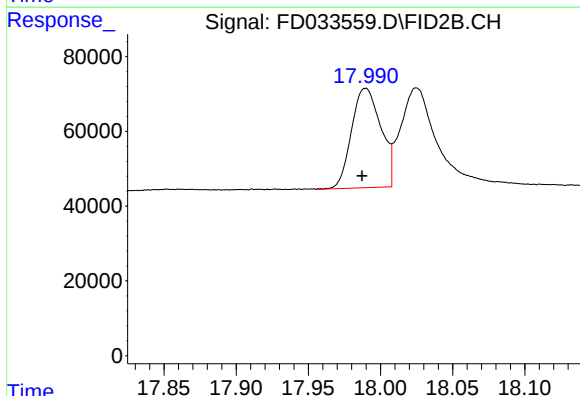
R.T.: 16.269 min
Delta R.T.: 0.000 min
Response: 465145
Conc: 3.74 ug/ml

Instrument :
FID_D
ClientSampleId :



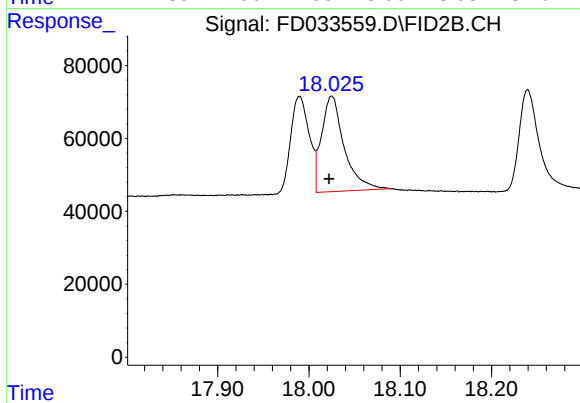
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.621 min
Delta R.T.: 0.003 min
Response: 378989
Conc: 3.23 ug/ml



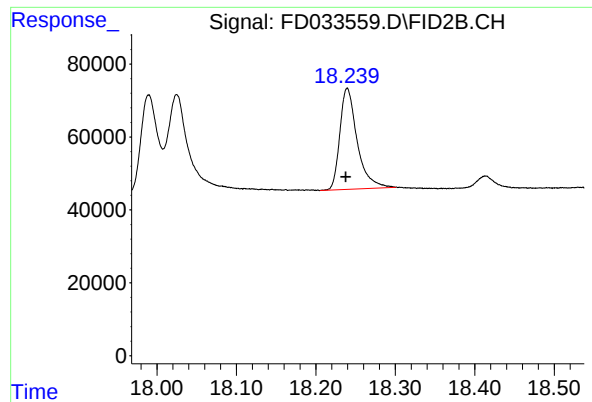
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.990 min
Delta R.T.: 0.002 min
Response: 376972
Conc: 3.69 ug/ml



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

R.T.: 18.025 min
Delta R.T.: 0.003 min
Response: 452428
Conc: 3.75 ug/ml



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

R.T.: 18.240 min
Delta R.T.: 0.002 min
Response: 419143
Conc: 3.76 ug/ml

Instrument :
FID_D
ClientSampleId :