

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037071.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 9:39
 Operator : DD\AJ
 Sample : M2090-03
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 13:21:59 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...	7.574	4871518	41.201 ug/ml
Spiked Amount 50.000		Recovery =	82.40%
6) S 2-Fluorobiphenyl (SURR)	8.434	3212062	41.627 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.25%
11) S ortho-Terphenyl (SURR)	11.475	3162446	25.603 ug/ml
Spiked Amount 50.000		Recovery =	51.21%
Target Compounds			
2) T Naphthalene (C11.7)	5.911	89103	0.648 ug/ml
3) T 2-Methylnaphthalene (...)	6.962	78960	0.589 ug/ml
7) T Acenaphthene (C15.5)	8.530	101088	0.782 ug/ml
8) T Flouorene (C16.55)	9.310	179958	1.469 ug/ml
9) T Phenanthrene (C19.36)	10.704	978015	8.297 ug/ml
10) T Anthracene (C19.43)	10.777	262529	2.279 ug/ml
12) T Fluoranthene (C21.85)	12.515	1330131	11.405 ug/ml
13) T Pyrene (C20.8)	12.809	1074329	9.332 ug/ml
14) T Benzo[a]anthracene (C...	14.678	585430	5.319 ug/ml
15) T Chrysene (C27.41)	14.719	561389	4.959 ug/ml
16) T benzo[b]fluoranthene ...	16.229	752690	6.711 ug/ml
17) T Bnezo[k]fluoranthene ...	16.256	314052	2.916 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.606	568588	5.494 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.968	404979	3.807 ug/ml
20) T Dibenz[a,h]anthracene...	18.019	264591	2.532 ug/ml
21) T Benzo[g,h,i]perylene ...	18.220	313861	2.938 ug/ml

(f)=RT Delta > 1/2 Window

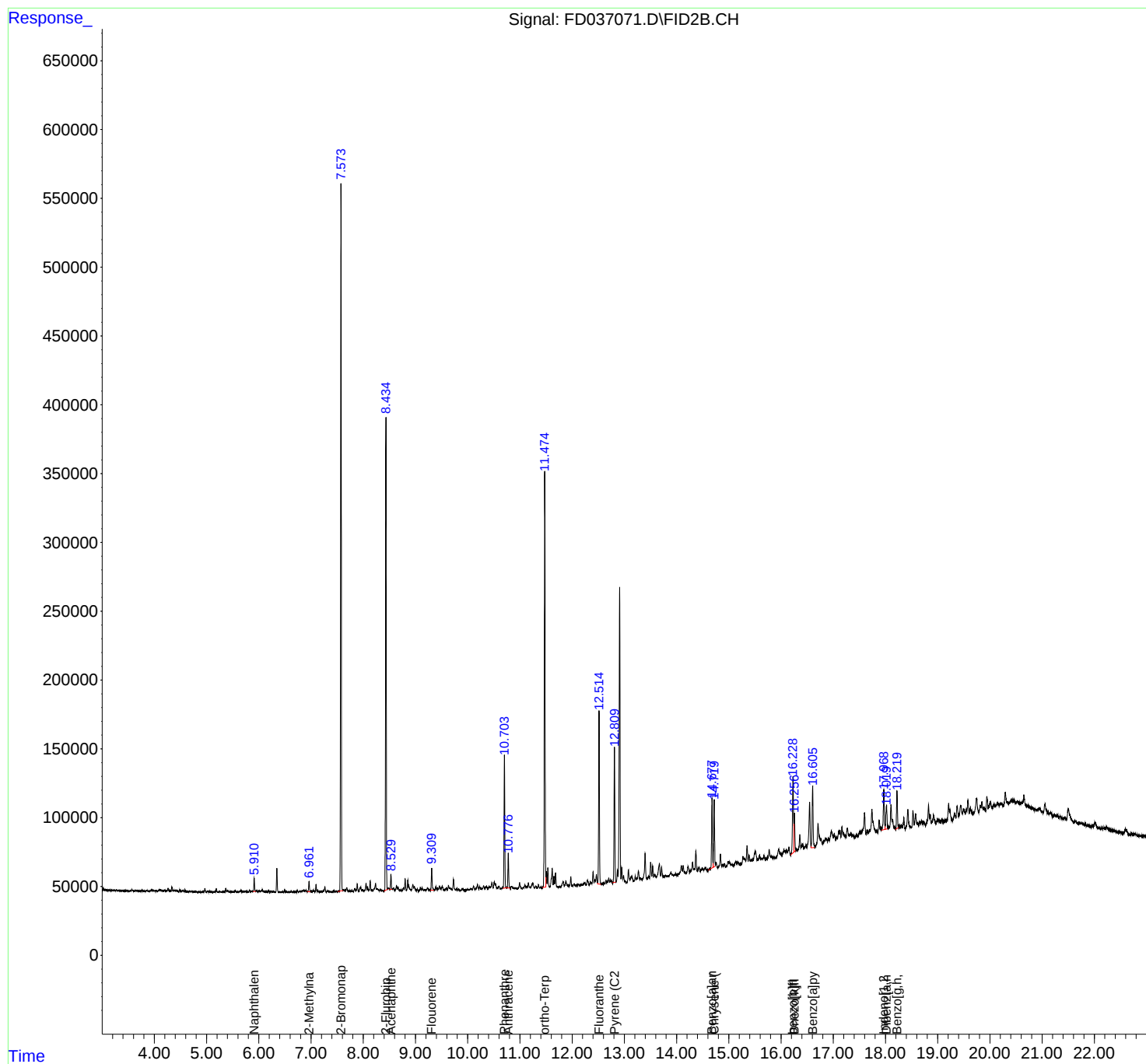
(m)=manual int.

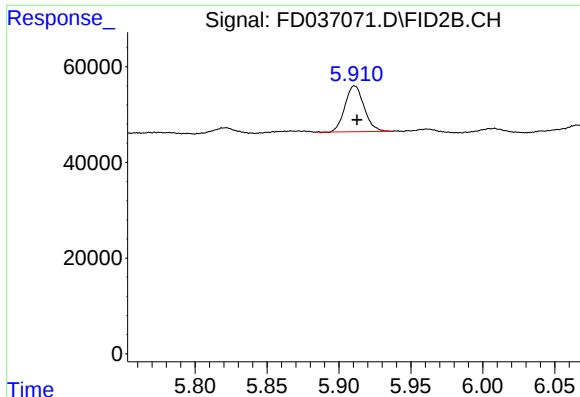
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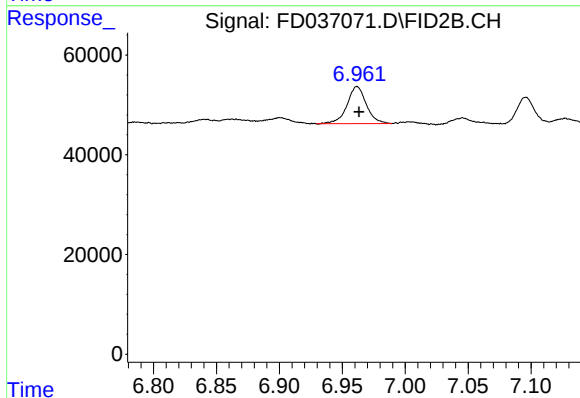




#2 Naphthalene (C11.7)

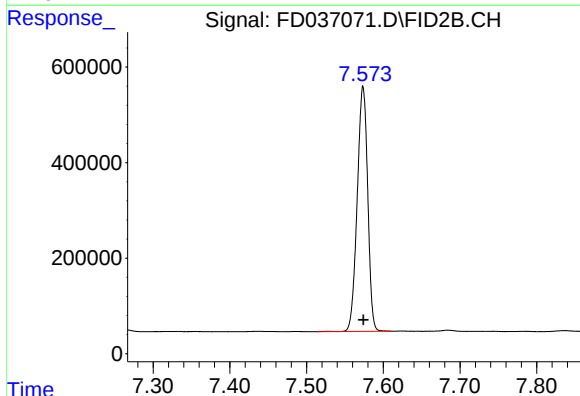
R.T.: 5.911 min
Delta R.T.: -0.002 min
Response: 89103
Conc: 0.65 ug/ml

Instrument :
FID_D
ClientSampleId :



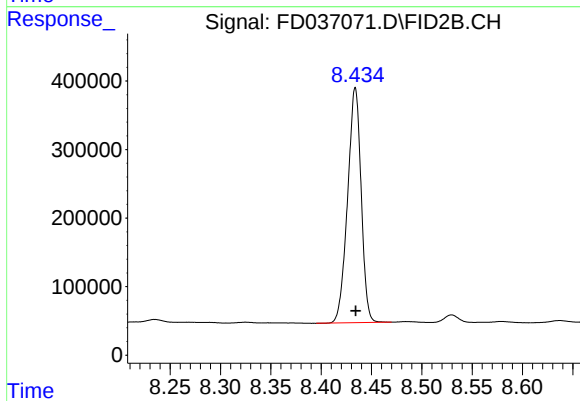
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.962 min
Delta R.T.: -0.002 min
Response: 78960
Conc: 0.59 ug/ml



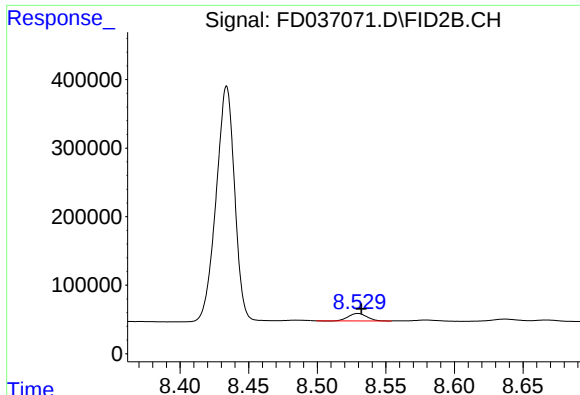
#4 2-Bromonaphthalene (SURR)

R.T.: 7.574 min
Delta R.T.: 0.000 min
Response: 4871518
Conc: 41.20 ug/ml



#6 2-Fluorobiphenyl (SURR)

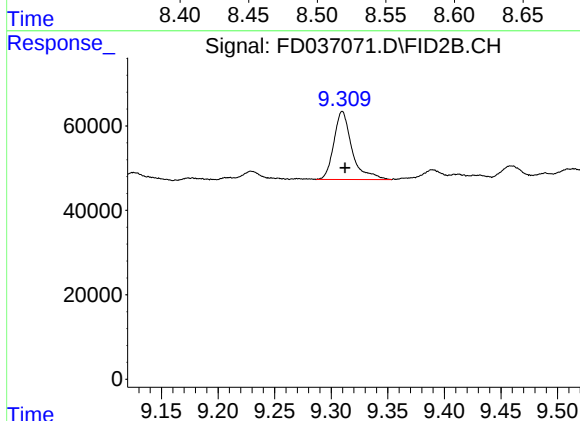
R.T.: 8.434 min
Delta R.T.: 0.000 min
Response: 3212062
Conc: 41.63 ug/ml



#7 Acenaphthene (C15.5)

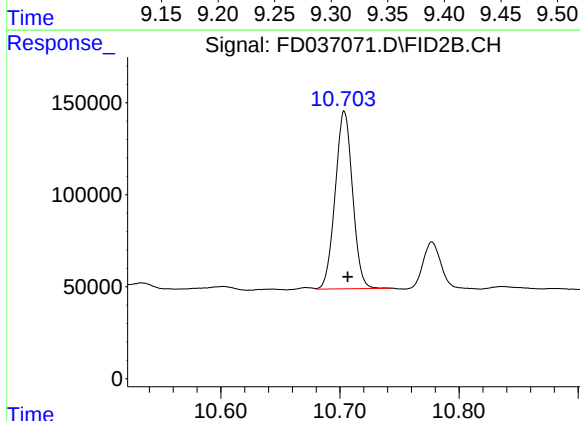
R.T.: 8.530 min
Delta R.T.: -0.003 min
Response: 101088
Conc: 0.78 ug/ml

Instrument :
FID_D
ClientSampleId :



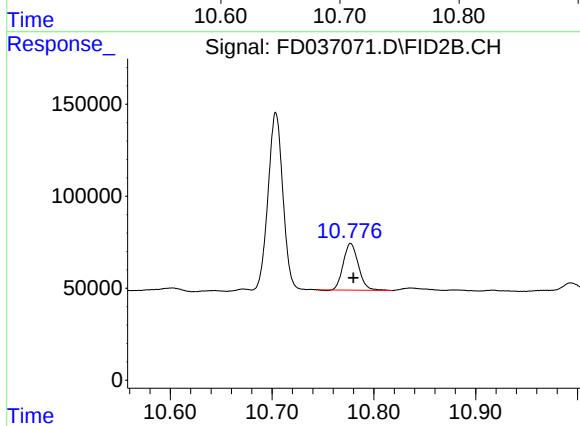
#8 Flouorene (C16.55)

R.T.: 9.310 min
Delta R.T.: -0.002 min
Response: 179958
Conc: 1.47 ug/ml



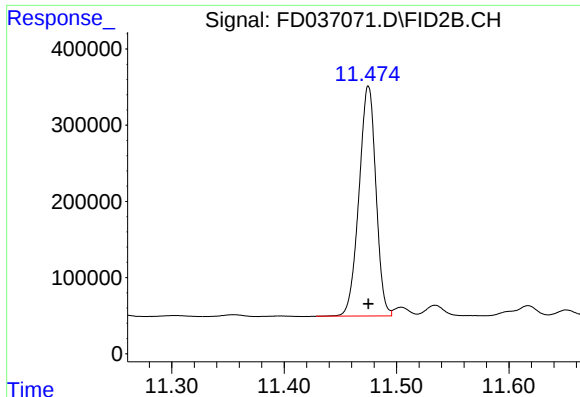
#9 Phenanthrene (C19.36)

R.T.: 10.704 min
Delta R.T.: -0.003 min
Response: 978015
Conc: 8.30 ug/ml



#10 Anthracene (C19.43)

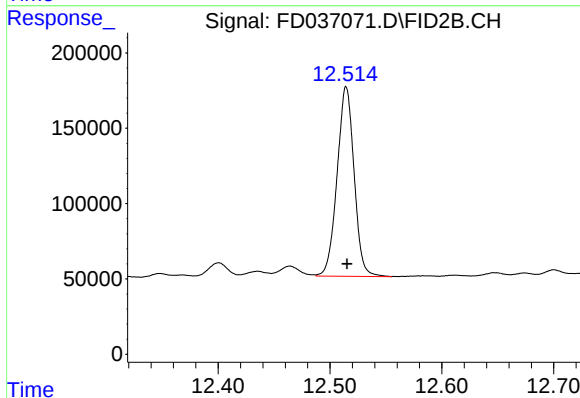
R.T.: 10.777 min
Delta R.T.: -0.003 min
Response: 262529
Conc: 2.28 ug/ml



#11 ortho-Terphenyl (SURR)

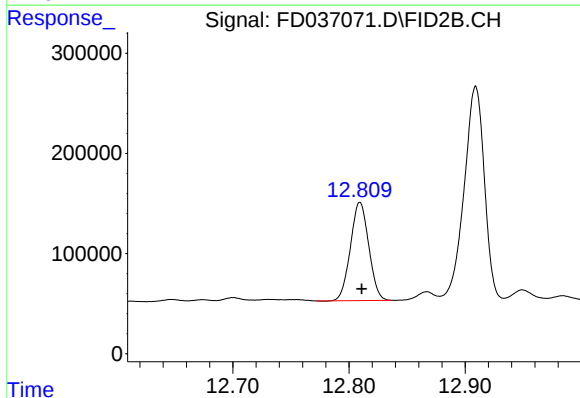
R.T.: 11.475 min
Delta R.T.: 0.000 min
Response: 3162446
Conc: 25.60 ug/ml

Instrument :
FID_D
ClientSampleId :



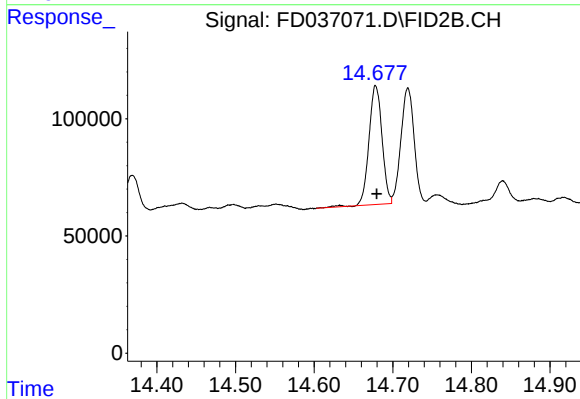
#12 Fluoranthene (C21.85)

R.T.: 12.515 min
Delta R.T.: 0.000 min
Response: 1330131
Conc: 11.40 ug/ml



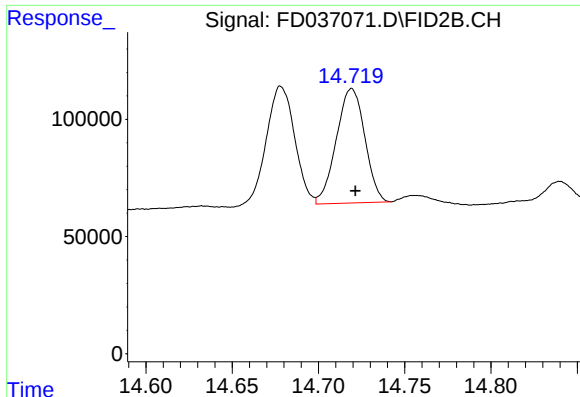
#13 Pyrene (C20.8)

R.T.: 12.809 min
Delta R.T.: -0.002 min
Response: 1074329
Conc: 9.33 ug/ml



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

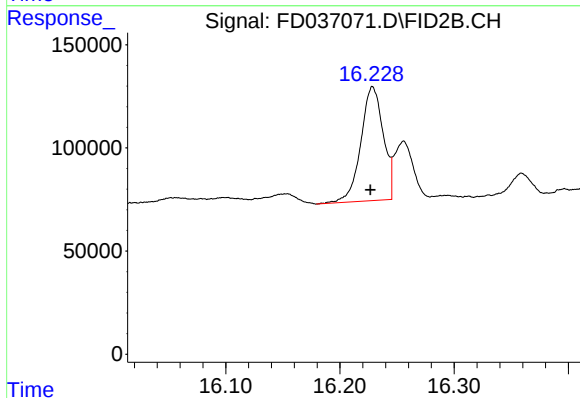
R.T.: 14.678 min
Delta R.T.: -0.002 min
Response: 585430
Conc: 5.32 ug/ml



#15 Chrysene (C27.41)

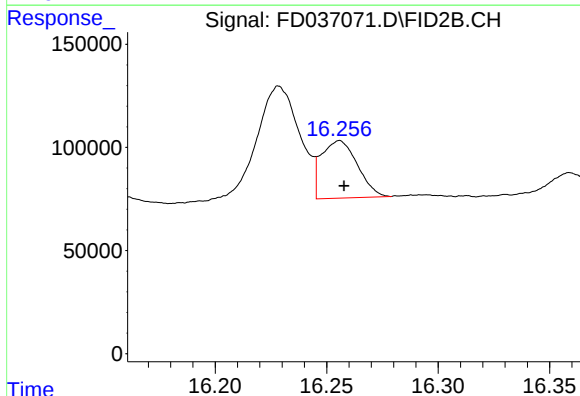
R.T.: 14.719 min
Delta R.T.: -0.002 min
Response: 561389
Conc: 4.96 ug/ml

Instrument :
FID_D
ClientSampleId :



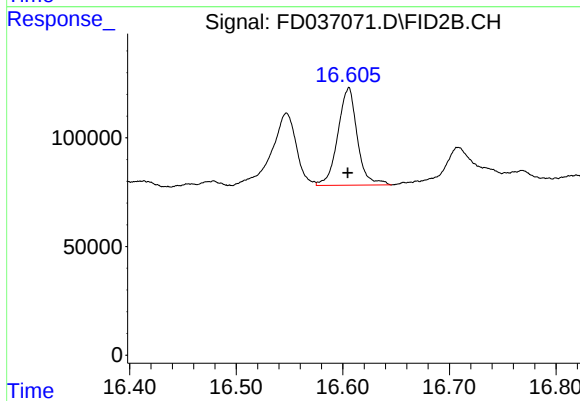
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.229 min
Delta R.T.: 0.002 min
Response: 752690
Conc: 6.71 ug/ml



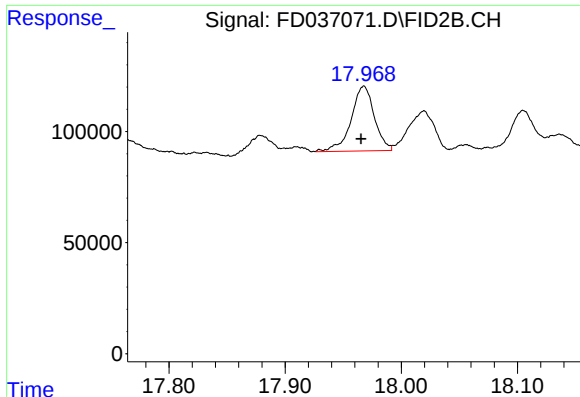
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.256 min
Delta R.T.: -0.002 min
Response: 314052
Conc: 2.92 ug/ml



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

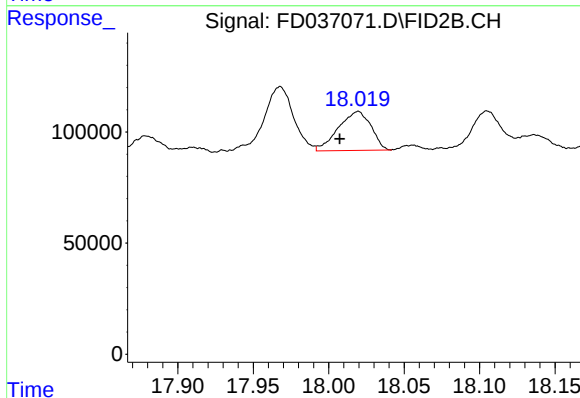
R.T.: 16.606 min
Delta R.T.: 0.001 min
Response: 568588
Conc: 5.49 ug/ml



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

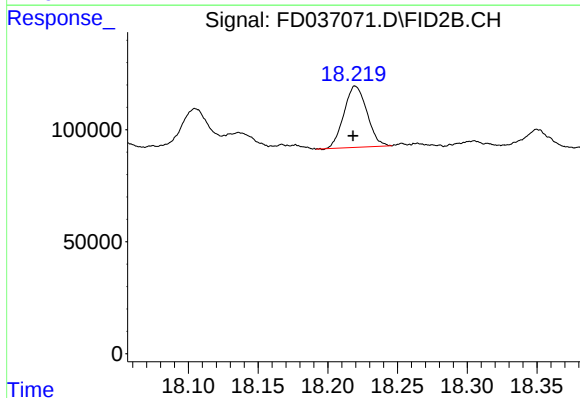
R.T.: 17.968 min
Delta R.T.: 0.002 min
Response: 404979
Conc: 3.81 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.019 min
Delta R.T.: 0.012 min
Response: 264591
Conc: 2.53 ug/ml



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

R.T.: 18.220 min
Delta R.T.: 0.002 min
Response: 313861
Conc: 2.94 ug/ml