

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037075.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 12:12
 Operator : DD\AJ
 Sample : M2090-22
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 13:22:57 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...	7.578	4090732	34.598 ug/ml
Spiked Amount 50.000		Recovery =	69.20%
6) S 2-Fluorobiphenyl (SURR)	8.439	2506559	32.484 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.97%
11) S ortho-Terphenyl (SURR)	11.480	3596601	29.118 ug/ml
Spiked Amount 50.000		Recovery =	58.24%
Target Compounds			
2) T Naphthalene (C11.7)	5.915	59420	0.432 ug/ml
7) T Acenaphthene (C15.5)	8.535	70277	0.544 ug/ml
8) T Fluorene (C16.55)	9.315	98920	0.808 ug/ml
9) T Phenanthrene (C19.36)	10.710	964637	8.183 ug/ml
10) T Anthracene (C19.43)	10.783	243873	2.117 ug/ml
12) T Fluoranthene (C21.85)	12.521	1563992	13.410 ug/ml
13) T Pyrene (C20.8)	12.816	1267127	11.007 ug/ml
14) T Benzo[a]anthracene (C...	14.686	727470	6.610 ug/ml
15) T Chrysene (C27.41)	14.726	723335	6.390 ug/ml
16) T benzo[b]fluoranthene ...	16.237	889689	7.932 ug/ml
17) T Bnezo[k]fluoranthene ...	16.263	302515	2.809 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.612	645661	6.238 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.973	501557	4.715 ug/ml
20) T Dibenz[a,h]anthracene...	18.017	124474	1.191 ug/ml
21) T Benzo[g,h,i]perylene ...	18.226	349662	3.274 ug/ml

(f)=RT Delta > 1/2 Window

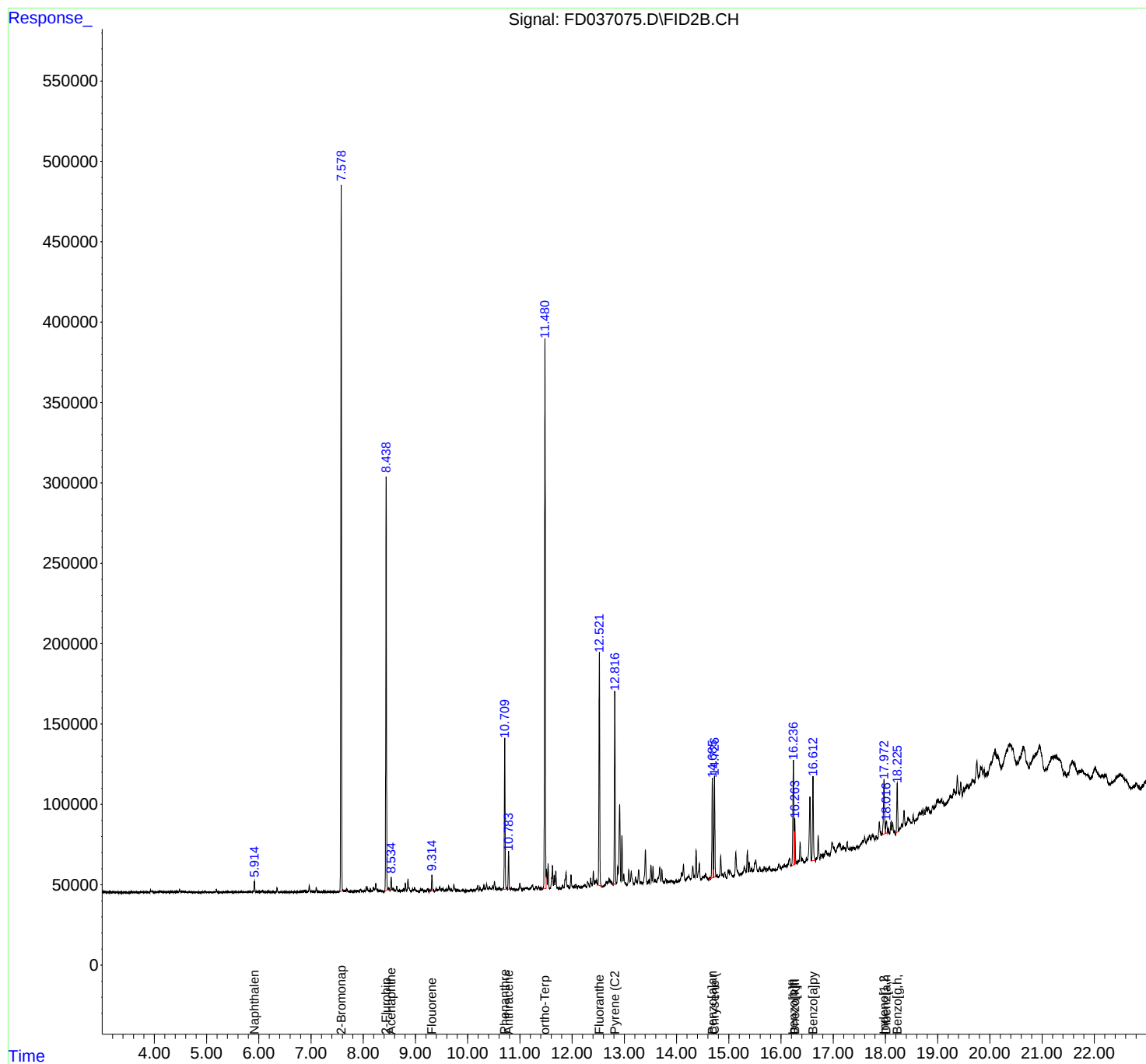
(m)=manual int.

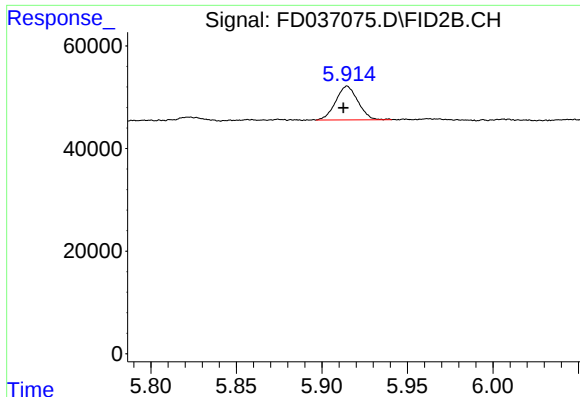
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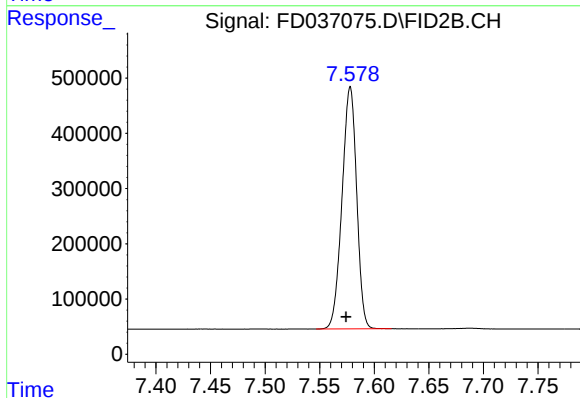




#2 Naphthalene (C11.7)

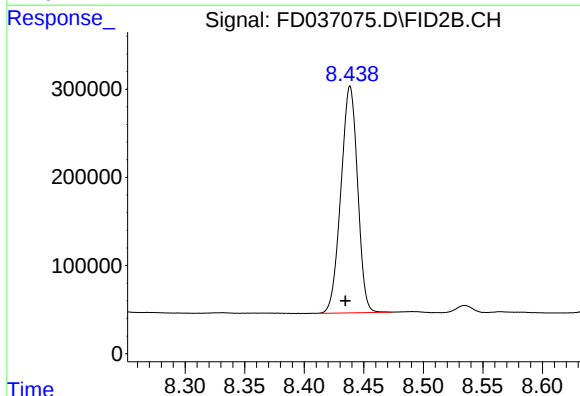
R.T.: 5.915 min
Delta R.T.: 0.002 min
Response: 59420
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



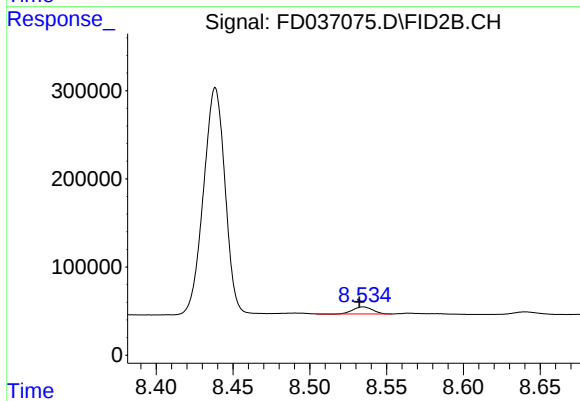
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.578 min
Delta R.T.: 0.004 min
Response: 4090732
Conc: 34.60 ug/ml



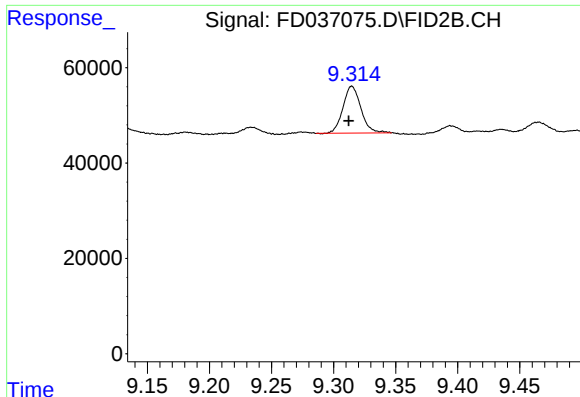
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.439 min
Delta R.T.: 0.004 min
Response: 2506559
Conc: 32.48 ug/ml



#7 Acenaphthene (C15.5)

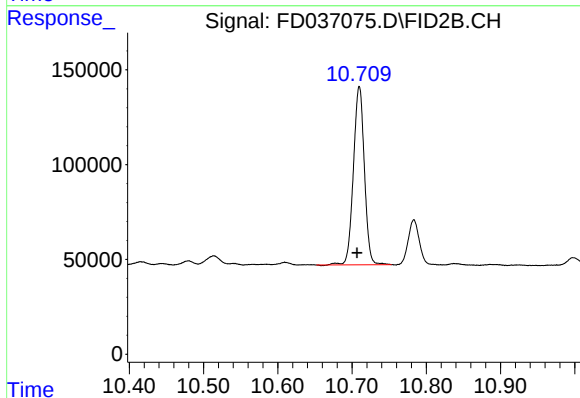
R.T.: 8.535 min
Delta R.T.: 0.003 min
Response: 70277
Conc: 0.54 ug/ml



#8 Fluorene (C16.55)

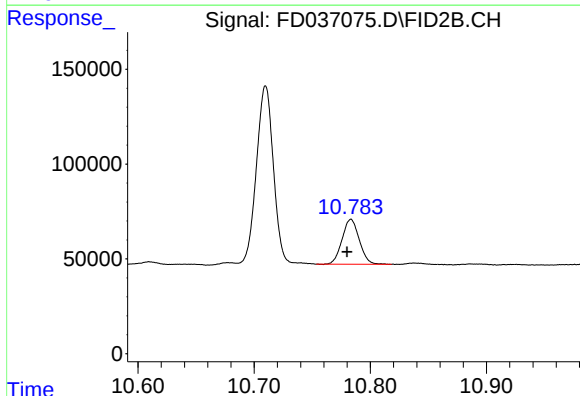
R.T.: 9.315 min
Delta R.T.: 0.002 min
Response: 98920
Conc: 0.81 ug/ml

Instrument :
FID_D
ClientSampleId :



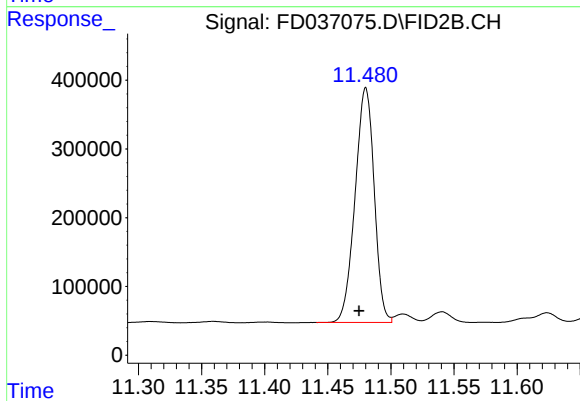
#9 Phenanthrene (C19.36)

R.T.: 10.710 min
Delta R.T.: 0.003 min
Response: 964637
Conc: 8.18 ug/ml



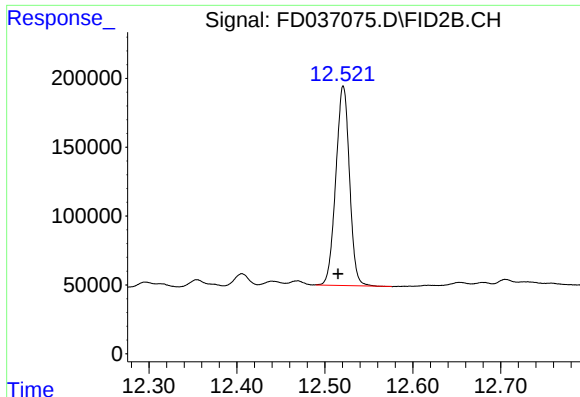
#10 Anthracene (C19.43)

R.T.: 10.783 min
Delta R.T.: 0.003 min
Response: 243873
Conc: 2.12 ug/ml



#11 ortho-Terphenyl (SURR)

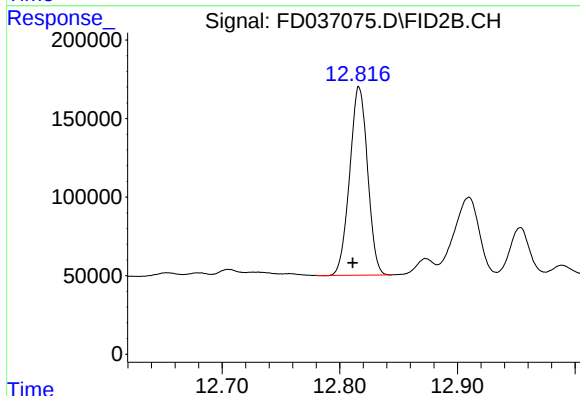
R.T.: 11.480 min
Delta R.T.: 0.005 min
Response: 3596601
Conc: 29.12 ug/ml



#12 Fluoranthene (C21.85)

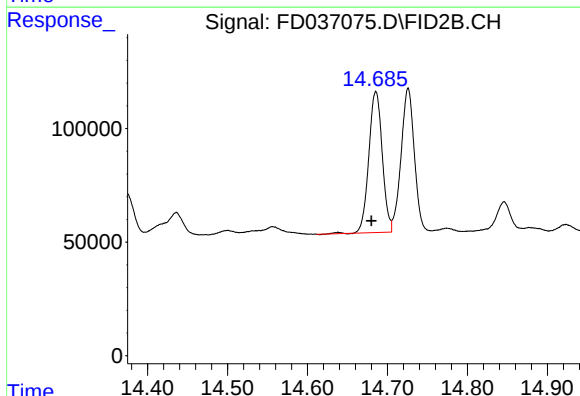
R.T.: 12.521 min
Delta R.T.: 0.006 min
Response: 1563992
Conc: 13.41 ug/ml

Instrument :
FID_D
ClientSampleId :



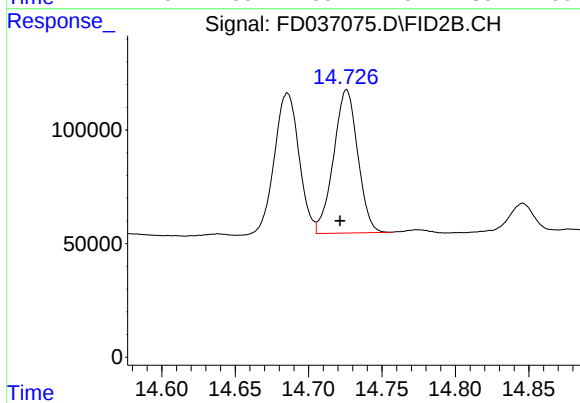
#13 Pyrene (C20.8)

R.T.: 12.816 min
Delta R.T.: 0.005 min
Response: 1267127
Conc: 11.01 ug/ml



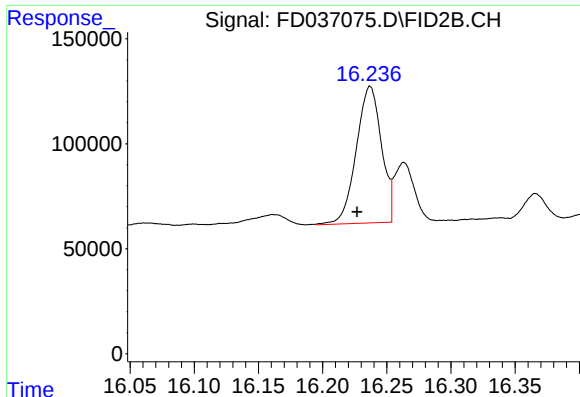
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.686 min
Delta R.T.: 0.006 min
Response: 727470
Conc: 6.61 ug/ml



#15 Chrysene (C27.41)

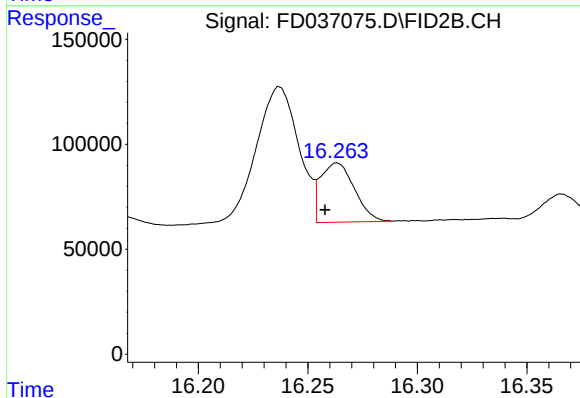
R.T.: 14.726 min
Delta R.T.: 0.004 min
Response: 723335
Conc: 6.39 ug/ml



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

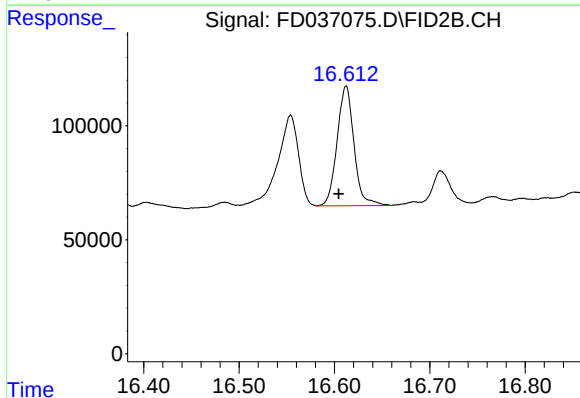
R.T.: 16.237 min
Delta R.T.: 0.010 min
Response: 889689
Conc: 7.93 ug/ml

Instrument :
FID_D
ClientSampleId :



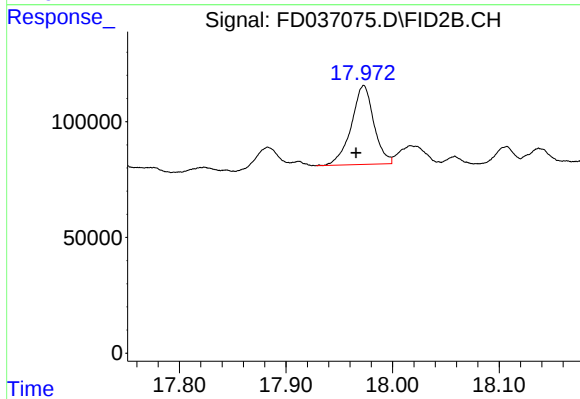
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.263 min
Delta R.T.: 0.006 min
Response: 302515
Conc: 2.81 ug/ml



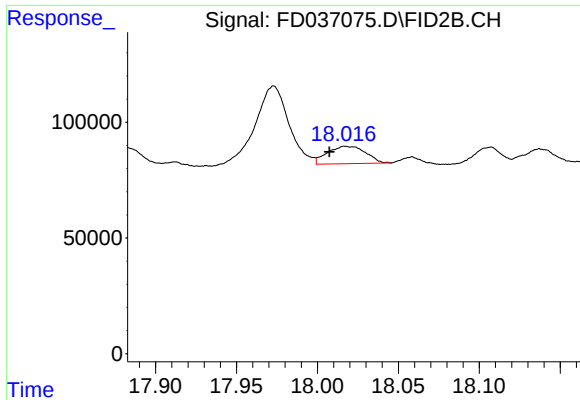
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.612 min
Delta R.T.: 0.008 min
Response: 645661
Conc: 6.24 ug/ml



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

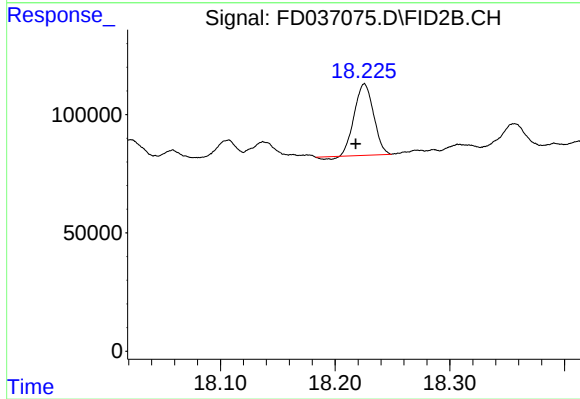
R.T.: 17.973 min
Delta R.T.: 0.007 min
Response: 501557
Conc: 4.72 ug/ml



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

R.T.: 18.017 min
Delta R.T.: 0.010 min
Response: 124474
Conc: 1.19 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.226 min
Delta R.T.: 0.008 min
Response: 349662
Conc: 3.27 ug/ml