

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041621AR\
 Data File : FD036949.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2021 3:27
 Operator : DD\AJ
 Sample : M2040-11
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 16 06:30:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.589	8444510	60.042 ug/ml
Spiked Amount 50.000		Recovery =	120.08%
6) S 2-Fluorobiphenyl (SURR)	8.448	3315693	35.323 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.65%
11) S ortho-Terphenyl (SURR)	11.491	6852744	44.868 ug/ml
Spiked Amount 50.000		Recovery =	89.74%
Target Compounds			
2) T Naphthalene (C11.7)	5.923	62997	0.401 ug/ml
5) T Acenaphthylene (C15.06)	8.201f	186954	1.248 ug/ml
7) T Acenaphthene (C15.5)	8.543	65477	0.422 ug/ml
8) T Fluorene (C16.55)	9.323	70643	0.469 ug/ml
9) T Phenanthrene (C19.36)	10.717	904510	6.171 ug/ml
10) T Anthracene (C19.43)	10.791	177608	1.227 ug/ml
12) T Fluoranthene (C21.85)	12.527	1161884	8.276 ug/ml
13) T Pyrene (C20.8)	12.823	938327	6.839 ug/ml
14) T Benzo[a]anthracene (C...	14.691	557191	4.692 ug/ml
15) T Chrysene (C27.41)	14.733	540995	4.474 ug/ml
16) T benzo[b]fluoranthene ...	16.243	668432	6.092 ug/ml
17) T Bnezo[k]fluoranthene ...	16.269	249166	2.344 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.618	494710	4.964 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.977	476847	4.744 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	123704	1.227 ug/ml
21) T Benzo[g,h,i]perylene ...	18.231	289083	2.853 ug/ml

(f)=RT Delta > 1/2 Window

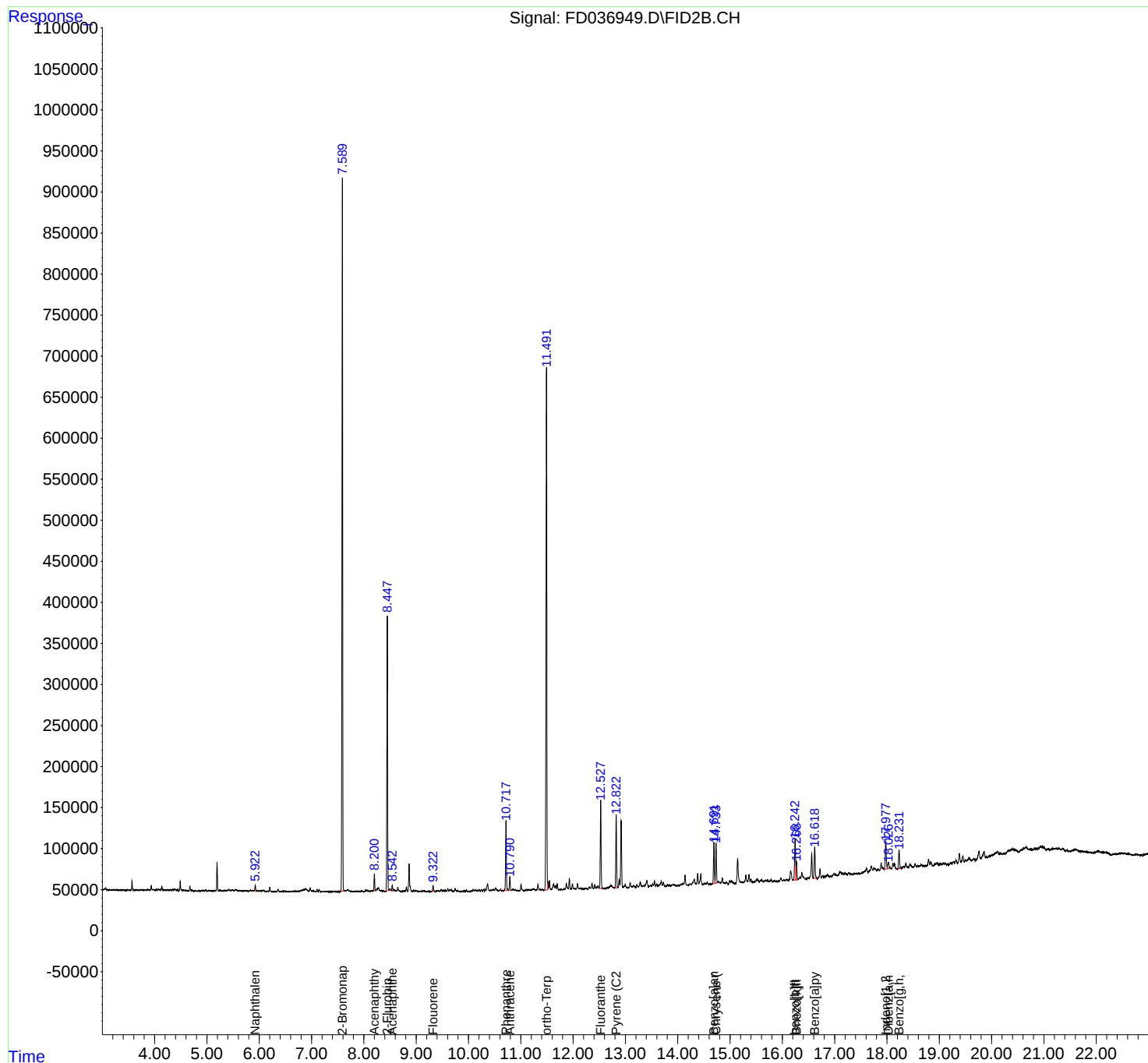
(m)=manual int.

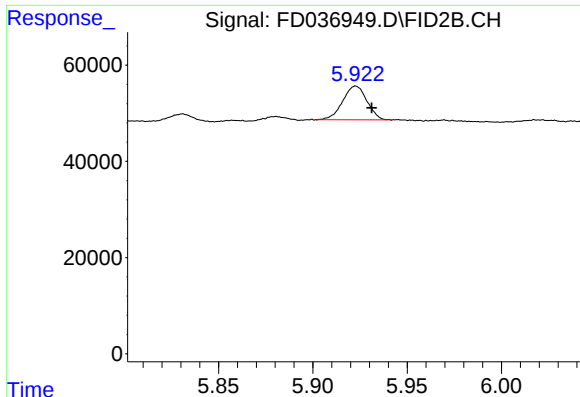
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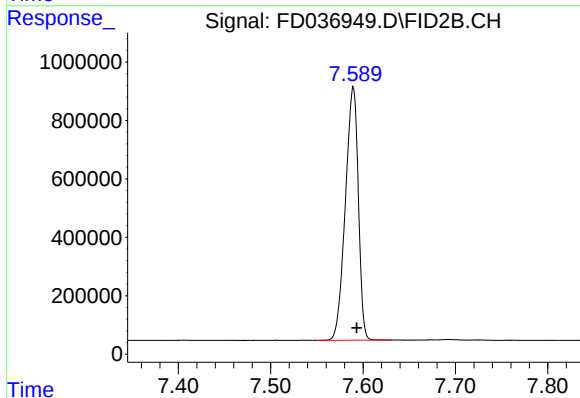




#2 Naphthalene (C11.7)

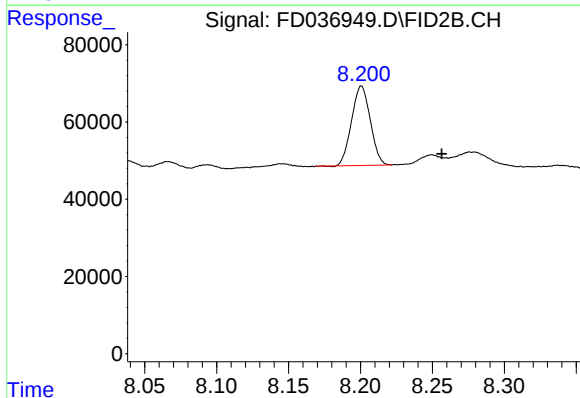
R.T.: 5.923 min
Delta R.T.: -0.008 min
Response: 62997
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



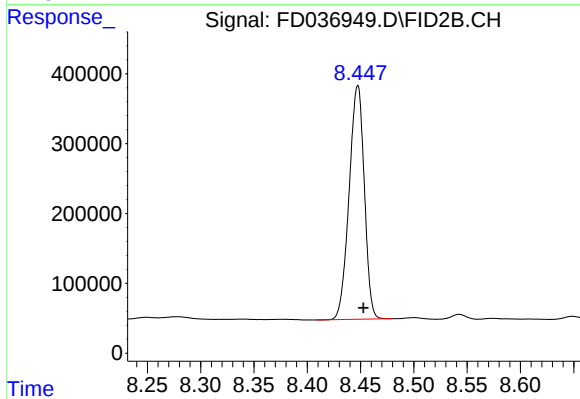
#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: -0.004 min
Response: 8444510
Conc: 60.04 ug/ml



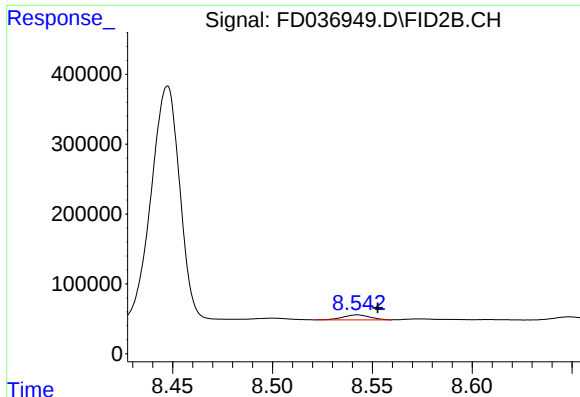
#5 Acenaphthylene (C15.06)

R.T.: 8.201 min
Delta R.T.: -0.056 min
Response: 186954
Conc: 1.25 ug/ml



#6 2-Fluorobiphenyl (SURR)

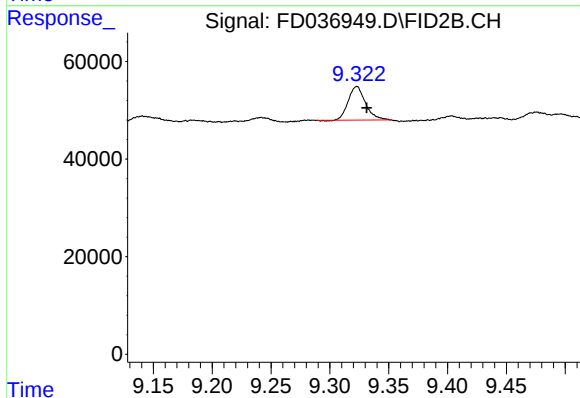
R.T.: 8.448 min
Delta R.T.: -0.005 min
Response: 3315693
Conc: 35.32 ug/ml



#7 Acenaphthene (C15.5)

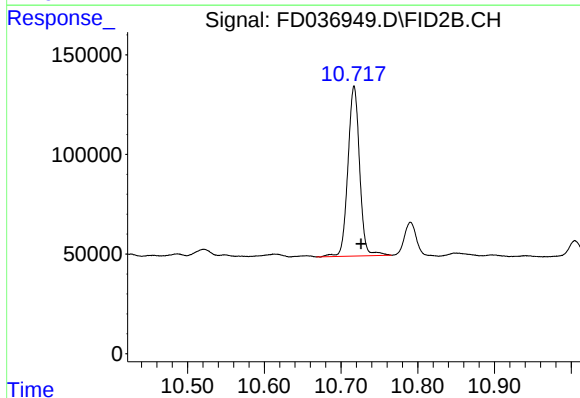
R.T.: 8.543 min
Delta R.T.: -0.010 min
Response: 65477
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



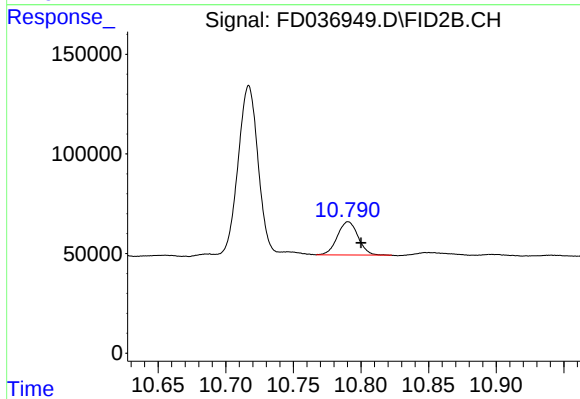
#8 Flouorene (C16.55)

R.T.: 9.323 min
Delta R.T.: -0.008 min
Response: 70643
Conc: 0.47 ug/ml



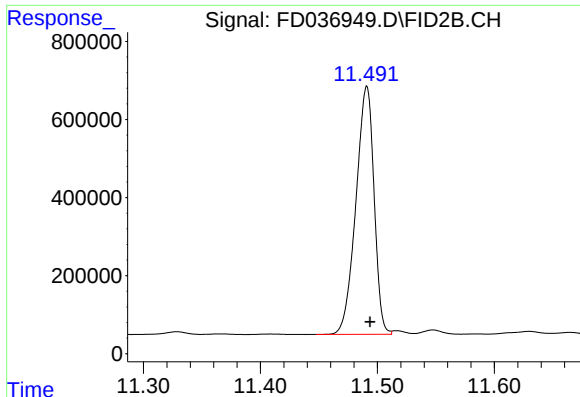
#9 Phenanthrene (C19.36)

R.T.: 10.717 min
Delta R.T.: -0.009 min
Response: 904510
Conc: 6.17 ug/ml



#10 Anthracene (C19.43)

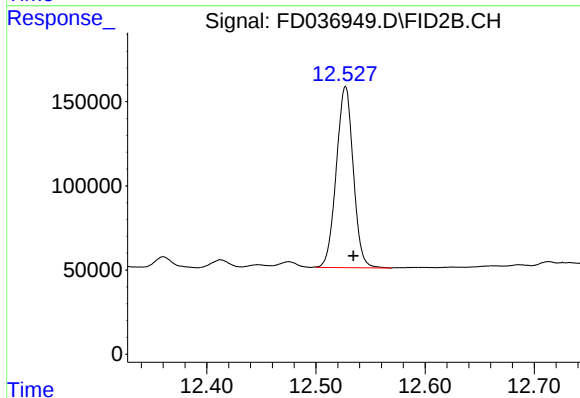
R.T.: 10.791 min
Delta R.T.: -0.010 min
Response: 177608
Conc: 1.23 ug/ml



#11 ortho-Terphenyl (SURR)

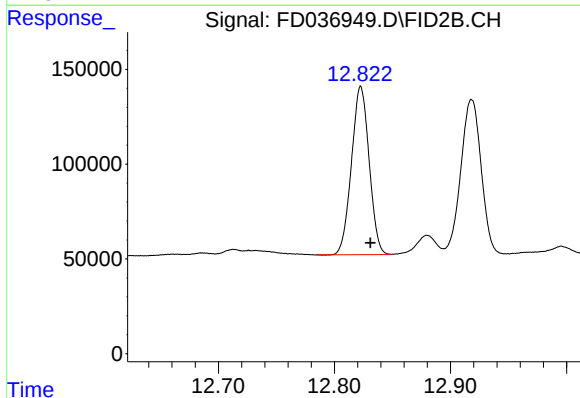
R.T.: 11.491 min
Delta R.T.: -0.003 min
Response: 6852744
Conc: 44.87 ug/ml

Instrument :
FID_D
ClientSampleId :



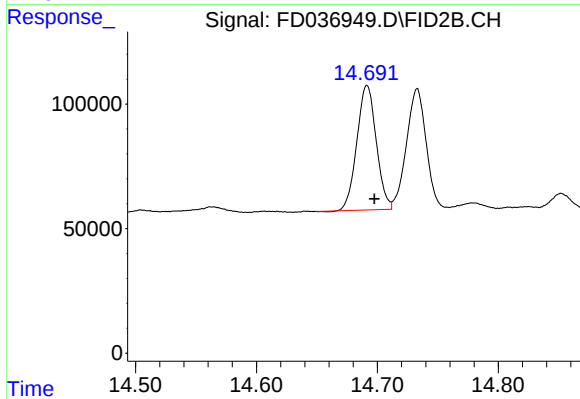
#12 Fluoranthene (C21.85)

R.T.: 12.527 min
Delta R.T.: -0.007 min
Response: 1161884
Conc: 8.28 ug/ml



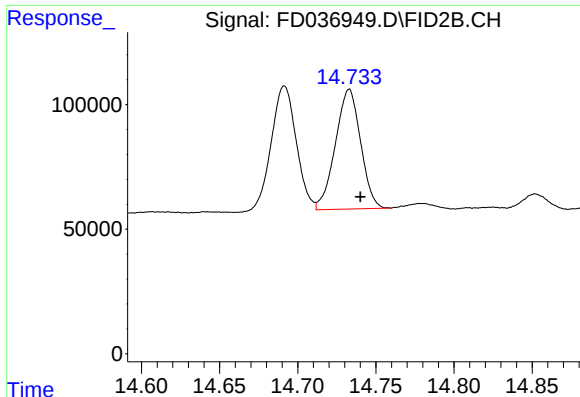
#13 Pyrene (C20.8)

R.T.: 12.823 min
Delta R.T.: -0.008 min
Response: 938327
Conc: 6.84 ug/ml



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

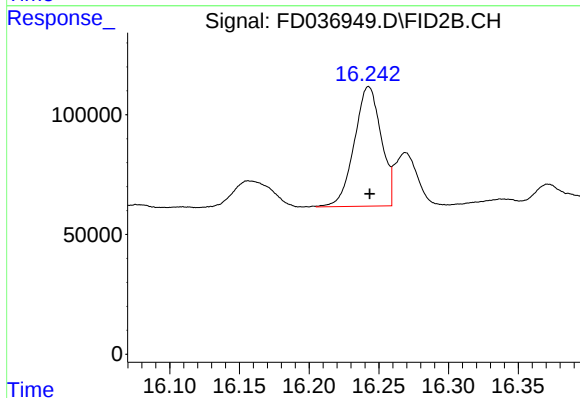
R.T.: 14.691 min
Delta R.T.: -0.006 min
Response: 557191
Conc: 4.69 ug/ml



#15 Chrysene (C27.41)

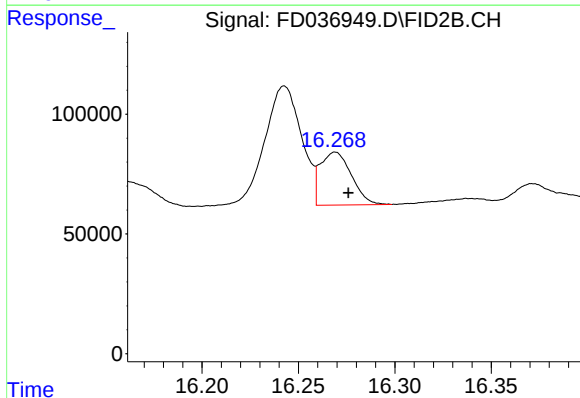
R.T.: 14.733 min
Delta R.T.: -0.007 min
Response: 540995
Conc: 4.47 ug/ml

Instrument :
FID_D
ClientSampleId :



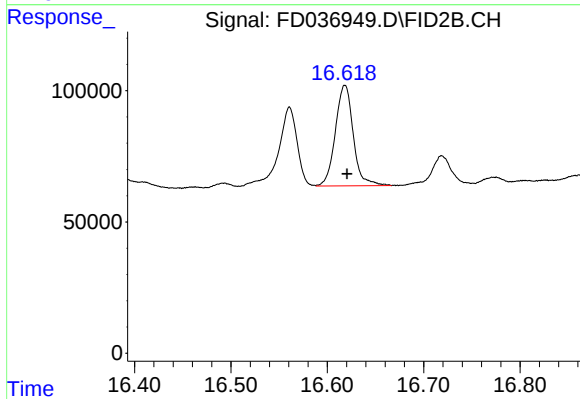
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.243 min
Delta R.T.: 0.000 min
Response: 668432
Conc: 6.09 ug/ml



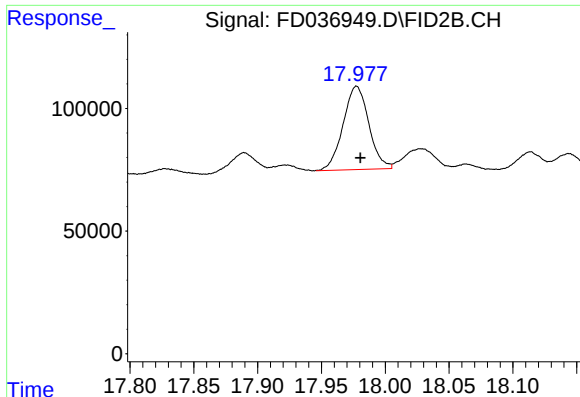
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.269 min
Delta R.T.: -0.007 min
Response: 249166
Conc: 2.34 ug/ml



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

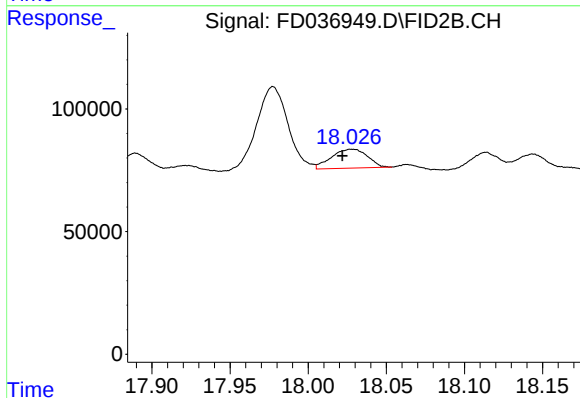
R.T.: 16.618 min
Delta R.T.: -0.002 min
Response: 494710
Conc: 4.96 ug/ml



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

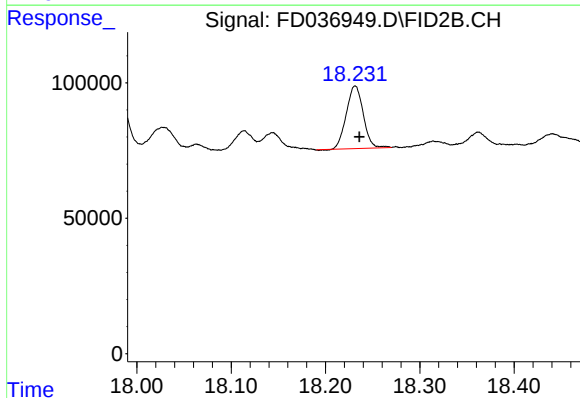
R.T.: 17.977 min
Delta R.T.: -0.003 min
Response: 476847
Conc: 4.74 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.028 min
Delta R.T.: 0.006 min
Response: 123704
Conc: 1.23 ug/ml



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

R.T.: 18.231 min
Delta R.T.: -0.004 min
Response: 289083
Conc: 2.85 ug/ml