

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041321AR\
 Data File : FD036880.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2021 21:38
 Operator : DD\AJ
 Sample : M2008-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 14 02:49:59 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	6116418	43.489 ug/ml
Spiked Amount 50.000		Recovery =	86.98%
6) S 2-Fluorobiphenyl (SURR)	8.448	3088310	32.900 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	65.80%
11) S ortho-Terphenyl (SURR)	11.490	4537882	29.712 ug/ml
Spiked Amount 50.000		Recovery =	59.42%
Target Compounds			
2) T Naphthalene (C11.7)	5.925	65918	0.419 ug/ml
5) T Acenaphthylene (C15.06)	8.250	349022	2.329 ug/ml
7) T Acenaphthene (C15.5)	8.544	86460	0.557 ug/ml
8) T Flouorene (C16.55)	9.324	186087	1.236 ug/ml
9) T Phenanthrene (C19.36)	10.721	2411821	16.455 ug/ml
10) T Anthracene (C19.43)	10.793	457943	3.163 ug/ml
12) T Fluoranthene (C21.85)	12.535	4530867	32.272 ug/ml
13) T Pyrene (C20.8)	12.832	4195676	30.580 ug/ml
14) T Benzo[a]anthracene (C...	14.696	2006469	16.895 ug/ml
15) T Chrysene (C27.41)	14.738	2443141	20.202 ug/ml
16) T benzo[b]fluoranthene ...	16.249	2639783	24.057 ug/ml
17) T Bnezo[k]fluoranthene ...	16.273	896338	8.432 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.624	2063572	20.706 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.983	1474509	14.669 ug/ml
20) T Dibenz[a,h]anthracene...	18.023	345030	3.422 ug/ml
21) T Benzo[g,h,i]perylene ...	18.236	1297826	12.809 ug/ml

(f)=RT Delta > 1/2 Window

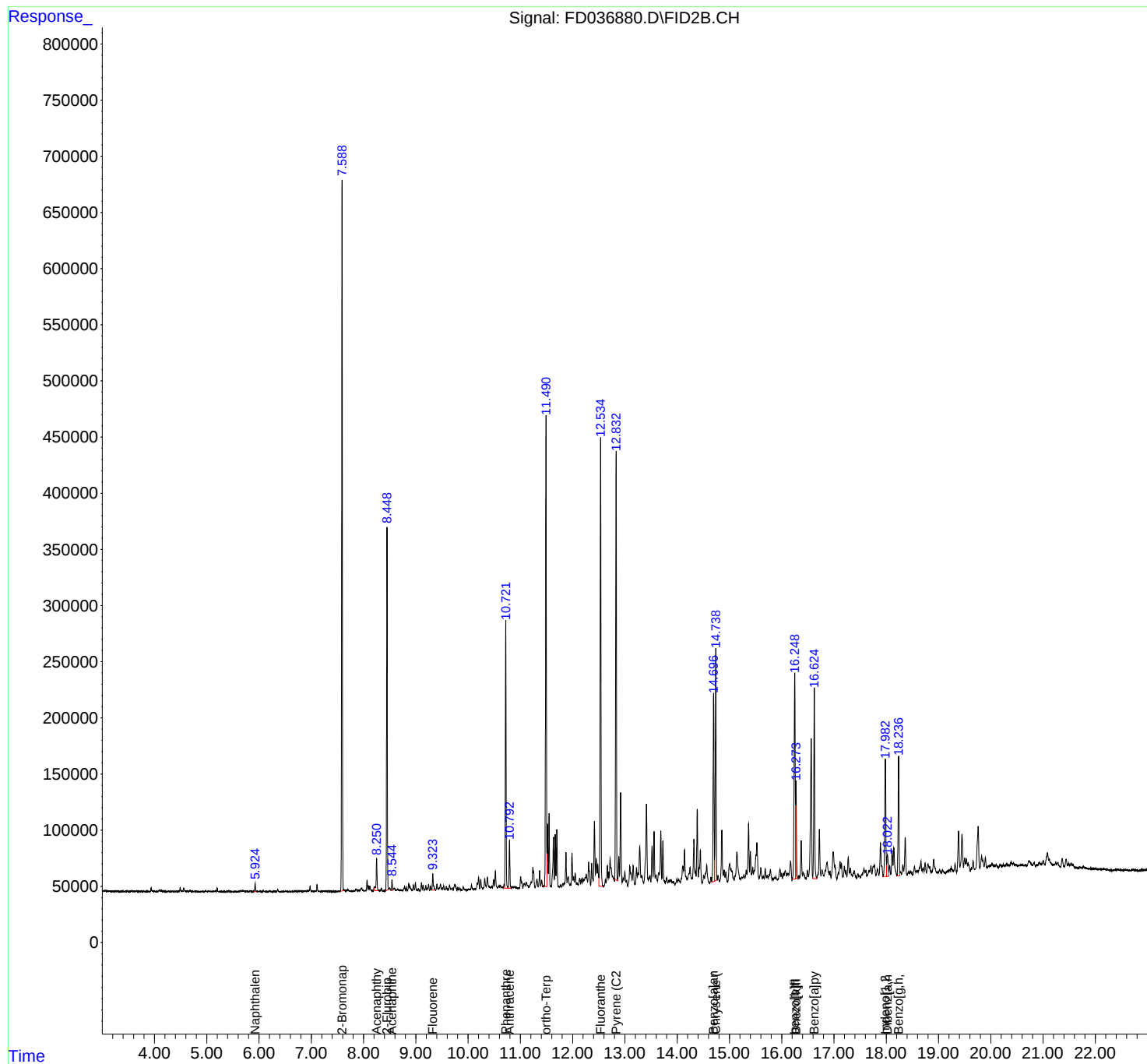
(m)=manual int.

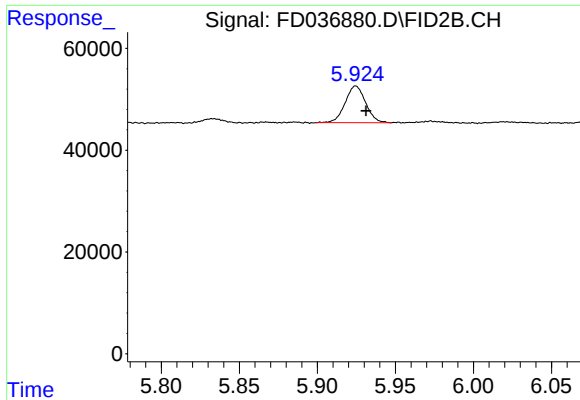
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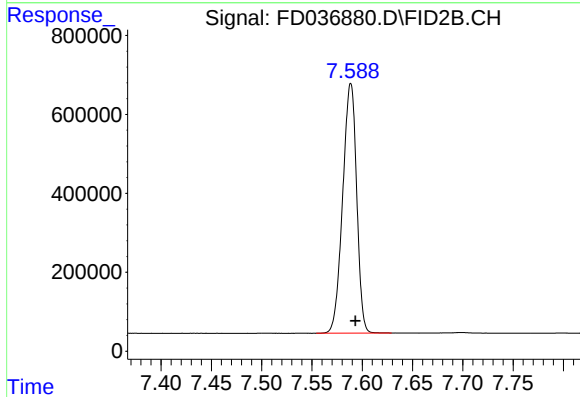




#2 Naphthalene (C11.7)

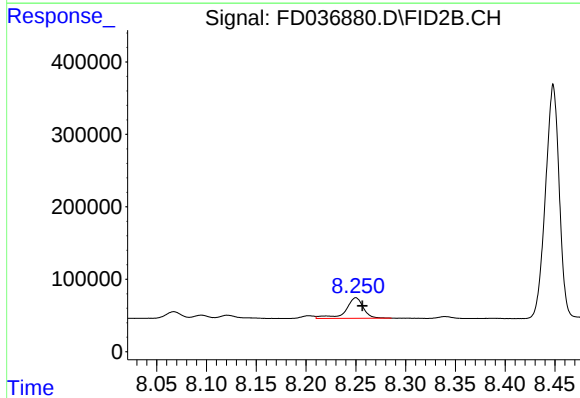
R.T.: 5.925 min
Delta R.T.: -0.007 min
Response: 65918
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



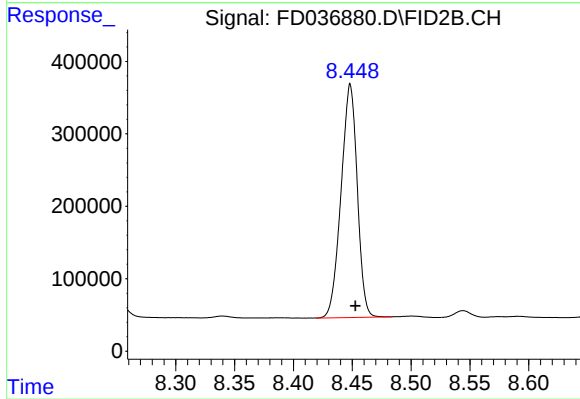
#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: -0.005 min
Response: 6116418
Conc: 43.49 ug/ml



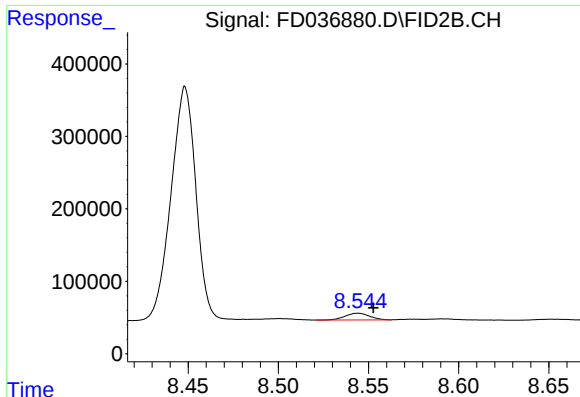
#5 Acenaphthylene (C15.06)

R.T.: 8.250 min
Delta R.T.: -0.006 min
Response: 349022
Conc: 2.33 ug/ml



#6 2-Fluorobiphenyl (SURR)

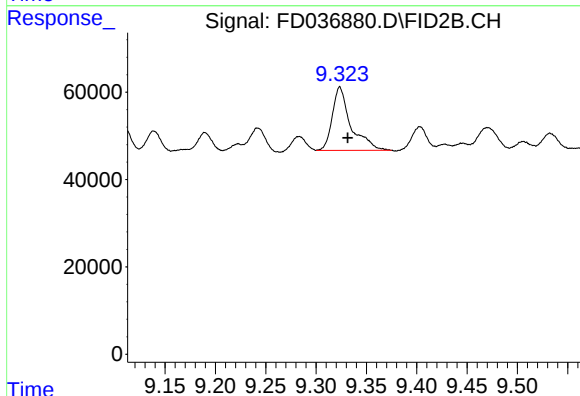
R.T.: 8.448 min
Delta R.T.: -0.004 min
Response: 3088310
Conc: 32.90 ug/ml



#7 Acenaphthene (C15.5)

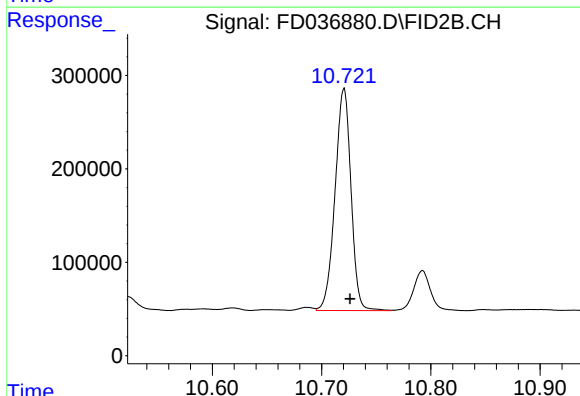
R.T.: 8.544 min
Delta R.T.: -0.009 min
Response: 86460
Conc: 0.56 ug/ml

Instrument :
FID_D
ClientSampleId :



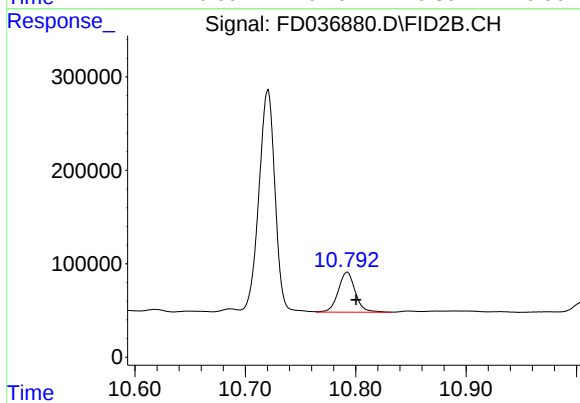
#8 Flouorene (C16.55)

R.T.: 9.324 min
Delta R.T.: -0.008 min
Response: 186087
Conc: 1.24 ug/ml



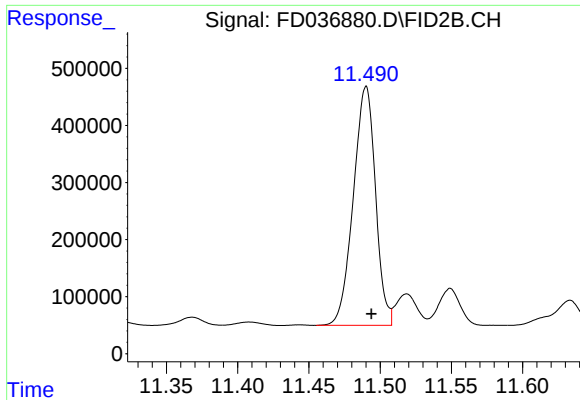
#9 Phenanthrene (C19.36)

R.T.: 10.721 min
Delta R.T.: -0.005 min
Response: 2411821
Conc: 16.45 ug/ml



#10 Anthracene (C19.43)

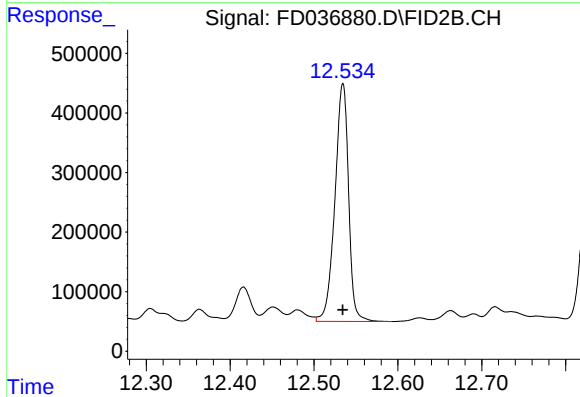
R.T.: 10.793 min
Delta R.T.: -0.008 min
Response: 457943
Conc: 3.16 ug/ml



#11 ortho-Terphenyl (SURR)

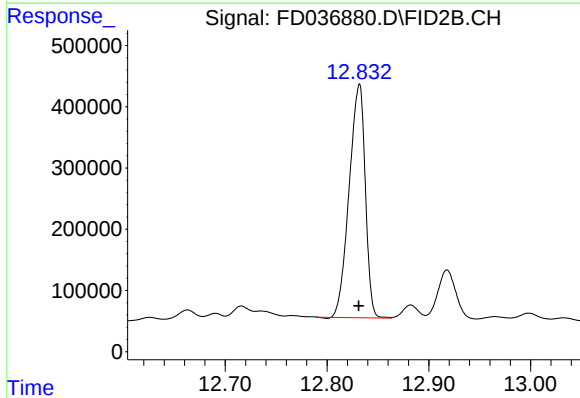
R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 4537882
Conc: 29.71 ug/ml

Instrument :
FID_D
ClientSampleId :



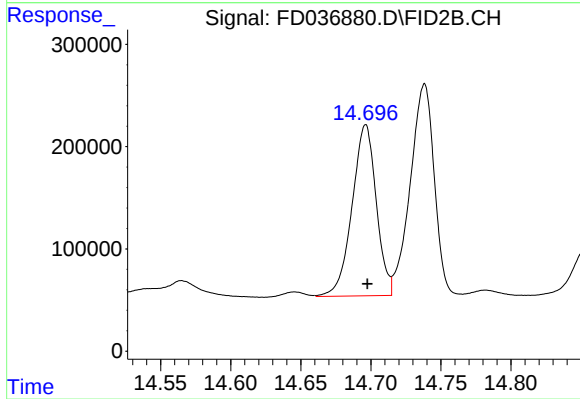
#12 Fluoranthene (C21.85)

R.T.: 12.535 min
Delta R.T.: 0.000 min
Response: 4530867
Conc: 32.27 ug/ml



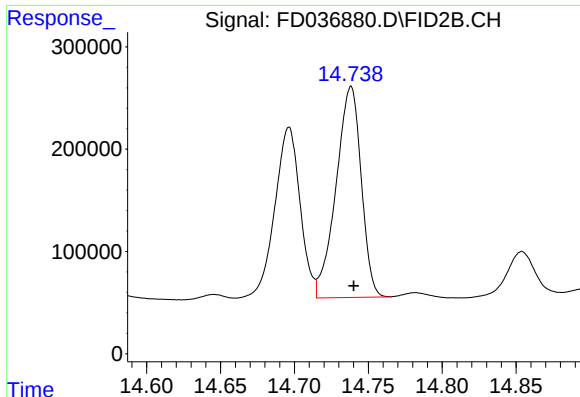
#13 Pyrene (C20.8)

R.T.: 12.832 min
Delta R.T.: 0.000 min
Response: 4195676
Conc: 30.58 ug/ml



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

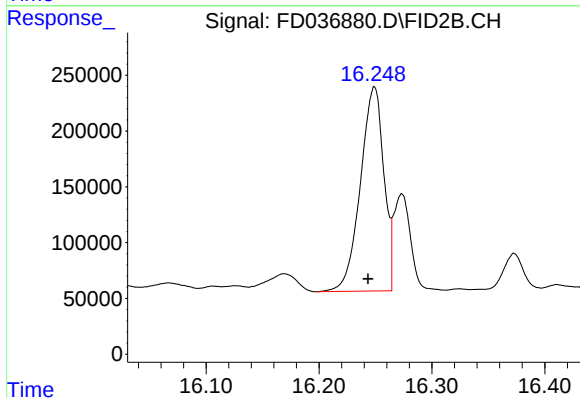
R.T.: 14.696 min
Delta R.T.: -0.001 min
Response: 2006469
Conc: 16.90 ug/ml



#15 Chrysene (C27.41)

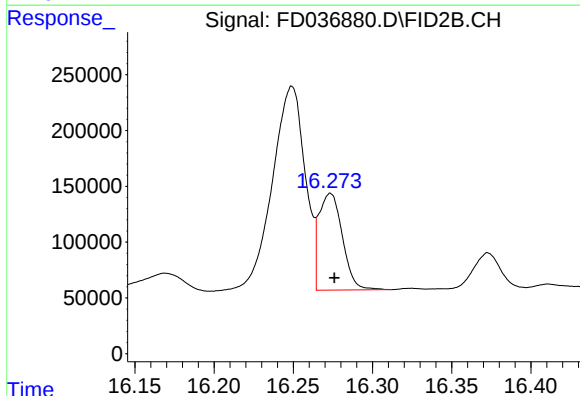
R.T.: 14.738 min
Delta R.T.: -0.002 min
Response: 2443141
Conc: 20.20 ug/ml

Instrument :
FID_D
ClientSampleId :



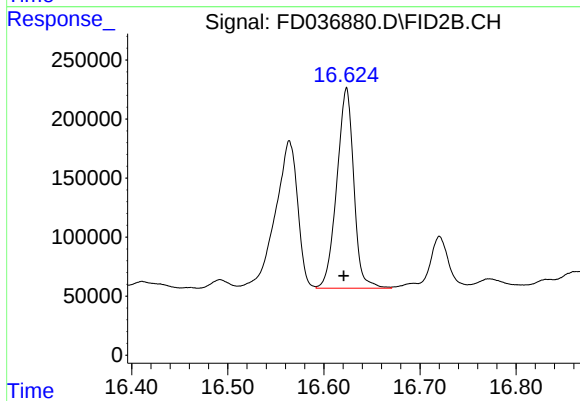
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.249 min
Delta R.T.: 0.006 min
Response: 2639783
Conc: 24.06 ug/ml



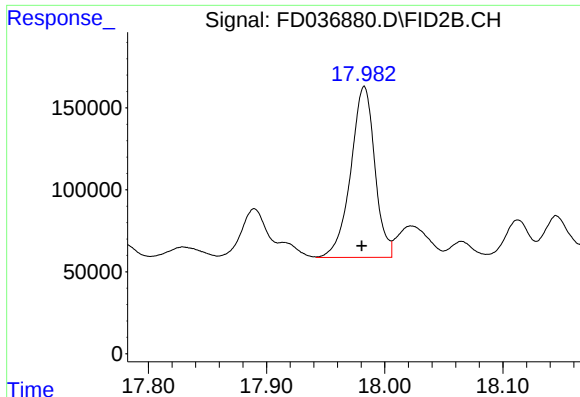
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.273 min
Delta R.T.: -0.003 min
Response: 896338
Conc: 8.43 ug/ml



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

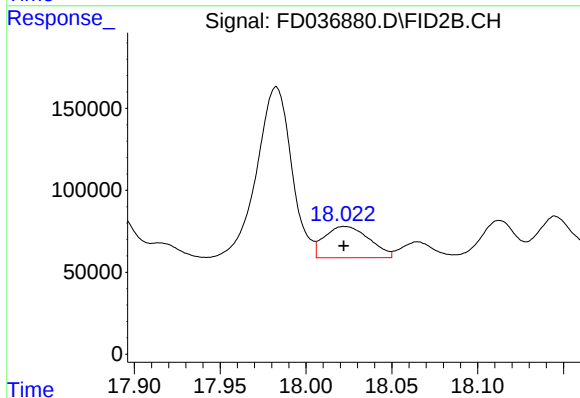
R.T.: 16.624 min
Delta R.T.: 0.003 min
Response: 2063572
Conc: 20.71 ug/ml



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

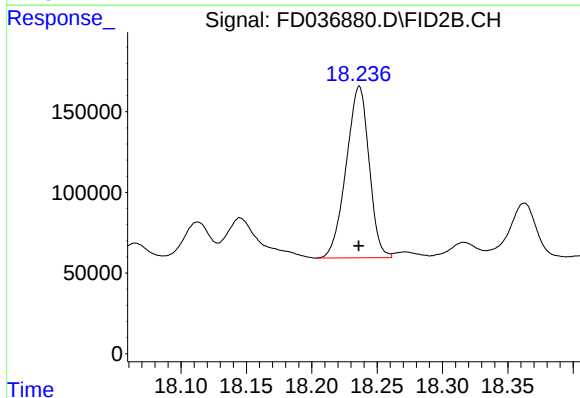
R.T.: 17.983 min
Delta R.T.: 0.002 min
Response: 1474509
Conc: 14.67 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.023 min
Delta R.T.: 0.000 min
Response: 345030
Conc: 3.42 ug/ml



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

R.T.: 18.236 min
Delta R.T.: 0.000 min
Response: 1297826
Conc: 12.81 ug/ml