

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110819AR\
 Data File : FD031390.D
 Signal(s) : FID2B.CH
 Acq On : 08 Nov 2019 16:56
 Operator : DD\AJ
 Sample : K5725-08D
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SO-3

Integration File: autoint1.e
 Quant Time: Nov 09 02:43:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.646	15345938	128.918 ug/ml
Spiked Amount 50.000		Recovery =	257.84%
6) S 2-Fluorobiphenyl (SURR)	8.513	10019822	121.611 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	243.22%#
11) S ortho-Terphenyl (SURR)	11.562	15198356	118.769 ug/ml
Spiked Amount 50.000		Recovery =	237.54%
Target Compounds			
2) T Naphthalene (C11.7)	5.975	3334965	25.902 ug/ml
3) T 2-Methylnaphthalene (...)	7.036	8131308	63.314 ug/ml
5) T Acenaphthylene (C15.06)	8.309	13865272	110.139 ug/ml
7) T Acenaphthene (C15.5)	8.601	6069502	46.356 ug/ml
8) T Flouorene (C16.55)	9.394	8449551	64.627 ug/ml
9) T Phenanthrene (C19.36)	10.801	28266386	214.534 ug/ml
10) T Anthracene (C19.43)	10.873	17662361	136.976 ug/ml
12) T Fluoranthene (C21.85)	12.610	19269991	145.406 ug/ml
13) T Pyrene (C20.8)	12.903	12188947	92.552 ug/ml
14) T Benzo[a]anthracene (C...	14.752	3604007	28.471 ug/ml
15) T Chrysene (C27.41)	14.794	3353222	26.438 ug/ml
16) T benzo[b]fluoranthene ...	16.326	1244955	9.918 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	1244955	9.893 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	3160097	25.465 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.074	721588	5.932 ug/ml
20) T Dibenz[a,h]anthracene...	18.115	338044	2.730 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	2345621	19.444 ug/ml

(f)=RT Delta > 1/2 Window

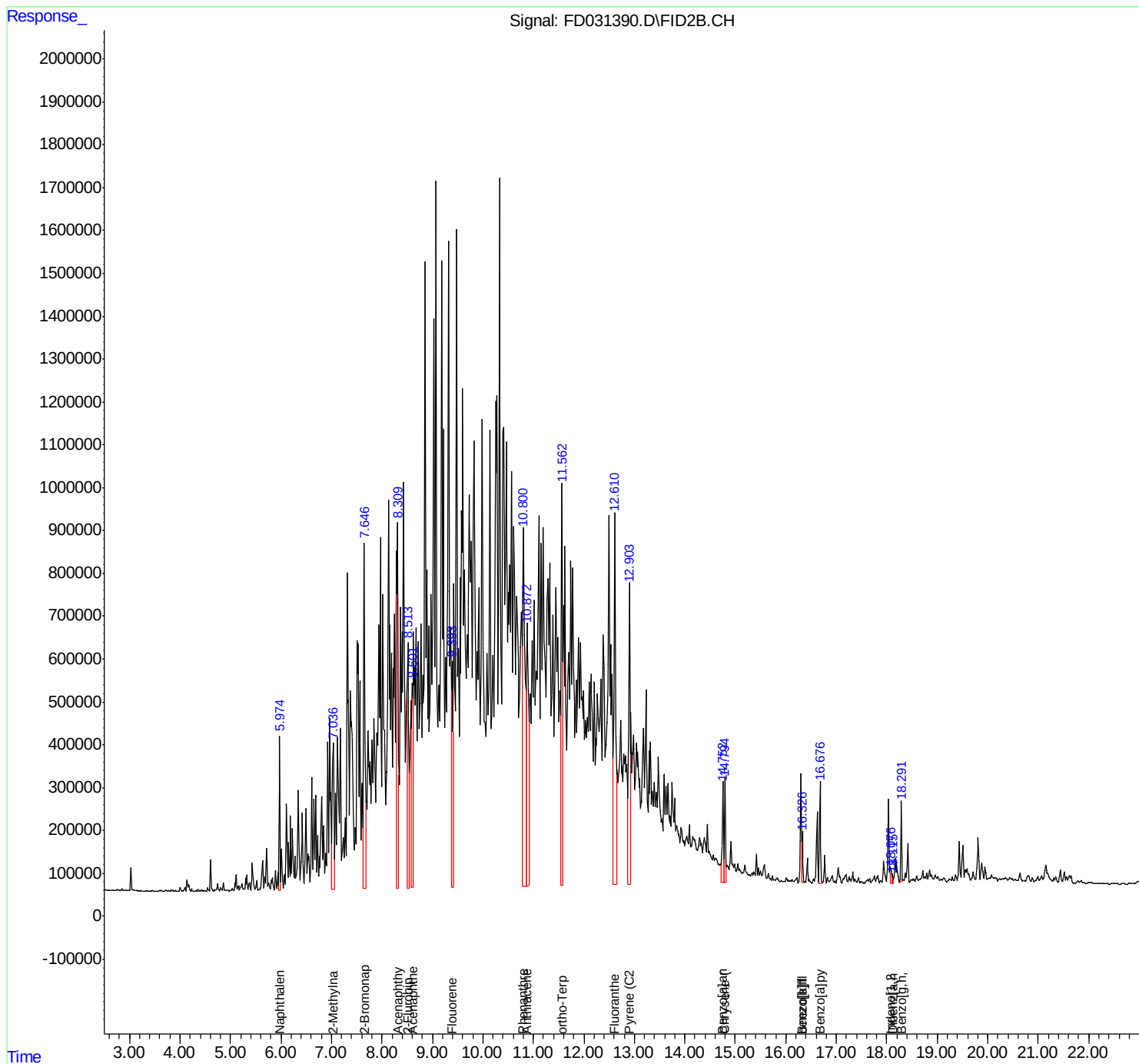
(m)=manual int.

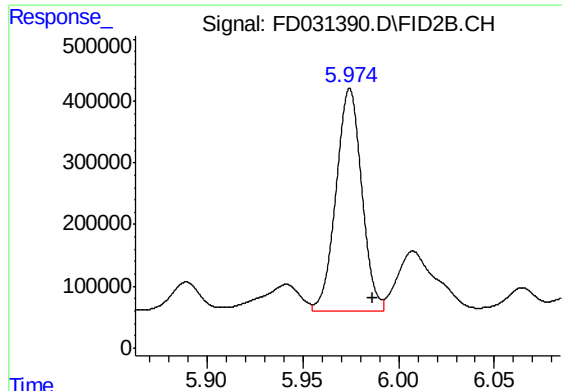
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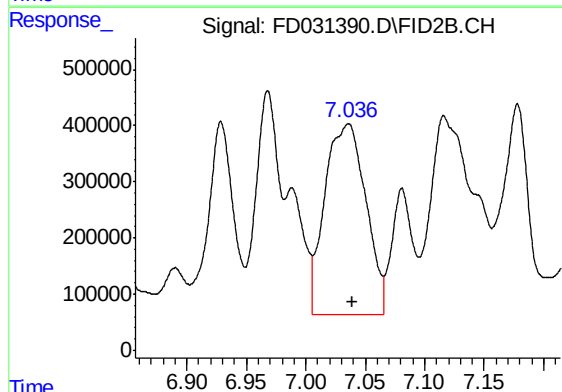




#2 Naphthalene (C11.7)

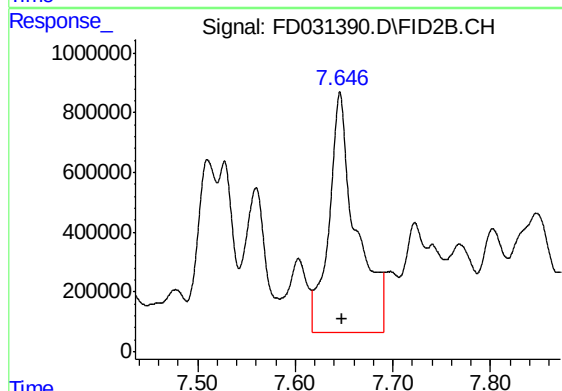
R.T.: 5.975 min
Delta R.T.: -0.012 min
Response: 3334965
Conc: 25.90 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-3



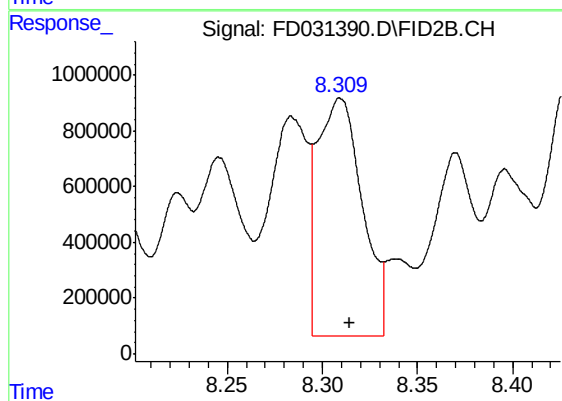
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.036 min
Delta R.T.: -0.003 min
Response: 8131308
Conc: 63.31 ug/ml



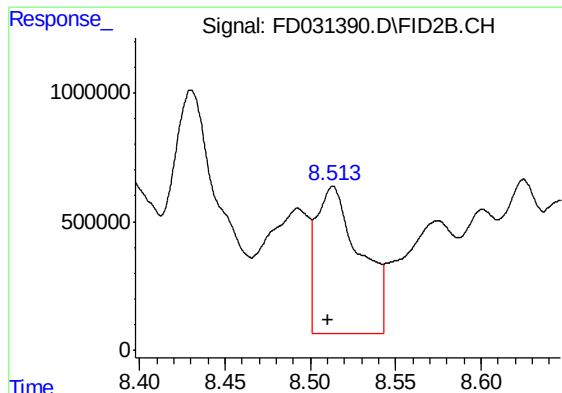
#4 2-Bromonaphthalene (SURR)

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 15345938
Conc: 128.92 ug/ml



#5 Acenaphthylene (C15.06)

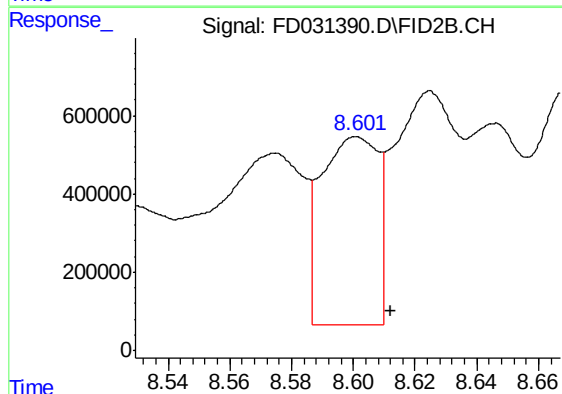
R.T.: 8.309 min
Delta R.T.: -0.005 min
Response: 13865272
Conc: 110.14 ug/ml



#6 2-Fluorobiphenyl (SURR)

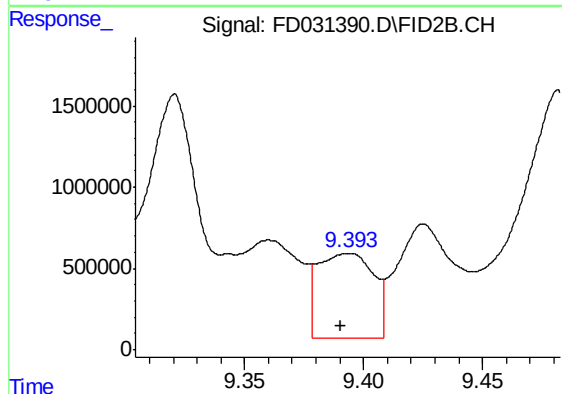
R.T.: 8.513 min
Delta R.T.: 0.003 min
Response: 10019822
Conc: 121.61 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-3



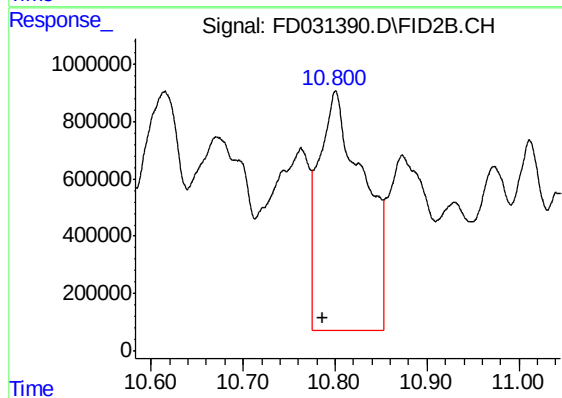
#7 Acenaphthene (C15.5)

R.T.: 8.601 min
Delta R.T.: -0.011 min
Response: 6069502
Conc: 46.36 ug/ml



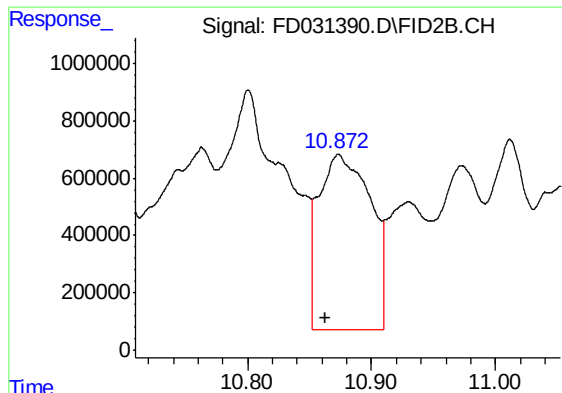
#8 Flouorene (C16.55)

R.T.: 9.394 min
Delta R.T.: 0.004 min
Response: 8449551
Conc: 64.63 ug/ml



#9 Phenanthrene (C19.36)

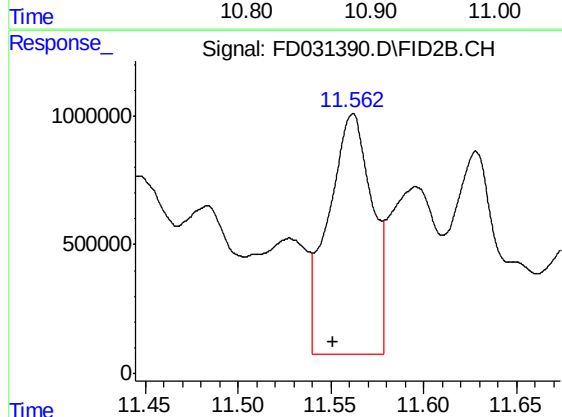
R.T.: 10.801 min
Delta R.T.: 0.014 min
Response: 28266386
Conc: 214.53 ug/ml



#10 Anthracene (C19.43)

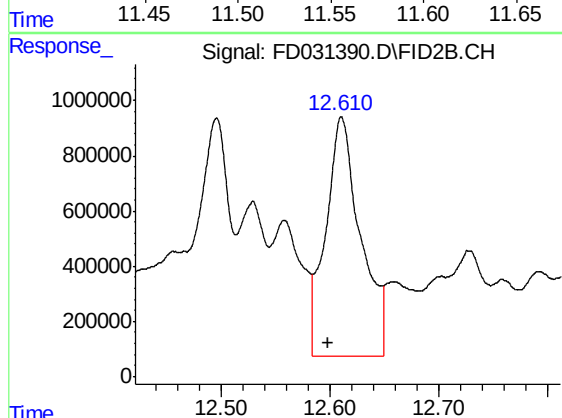
R.T.: 10.873 min
Delta R.T.: 0.011 min
Response: 17662361
Conc: 136.98 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-3



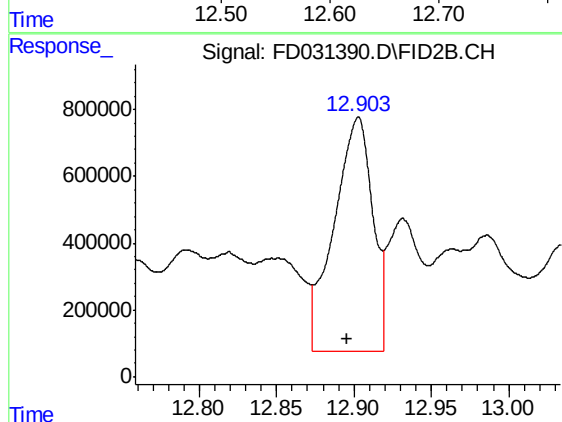
#11 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: 0.011 min
Response: 15198356
Conc: 118.77 ug/ml



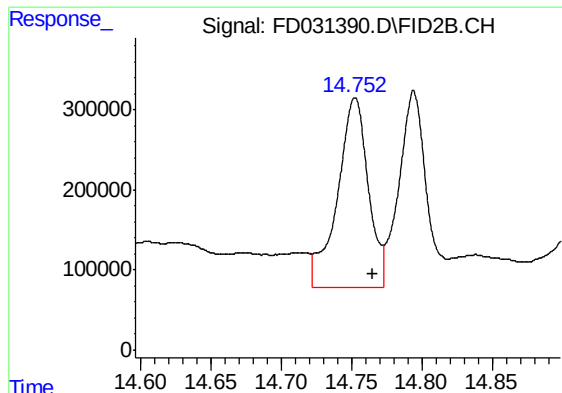
#12 Fluoranthene (C21.85)

R.T.: 12.610 min
Delta R.T.: 0.012 min
Response: 19269991
Conc: 145.41 ug/ml



#13 Pyrene (C20.8)

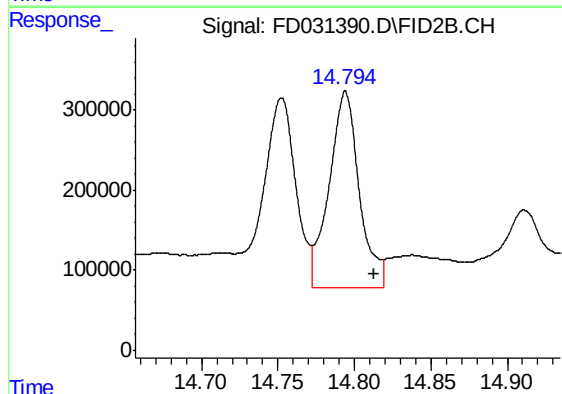
R.T.: 12.903 min
Delta R.T.: 0.007 min
Response: 12188947
Conc: 92.55 ug/ml



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

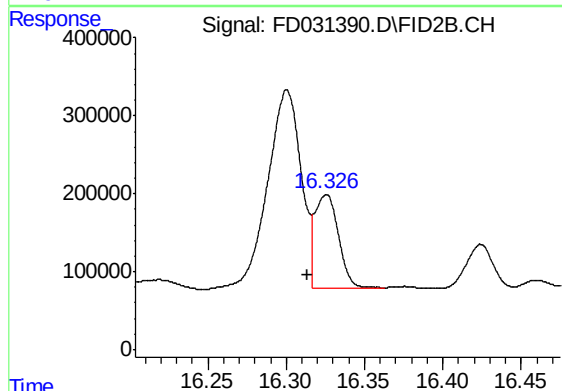
R.T.: 14.752 min
Delta R.T.: -0.012 min
Response: 3604007
Conc: 28.47 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-3



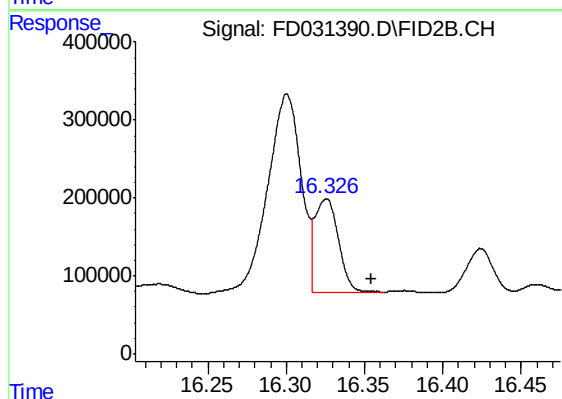
#15 Chrysene (C27.41)

R.T.: 14.794 min
Delta R.T.: -0.019 min
Response: 3353222
Conc: 26.44 ug/ml



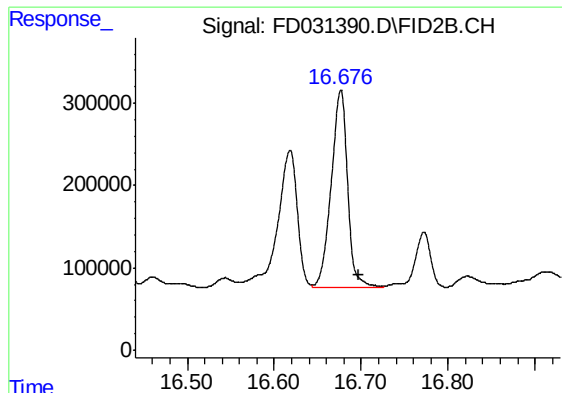
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.326 min
Delta R.T.: 0.012 min
Response: 1244955
Conc: 9.92 ug/ml



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

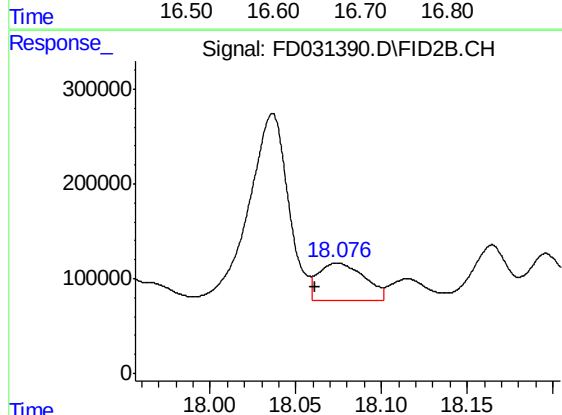
R.T.: 16.326 min
Delta R.T.: -0.029 min
Response: 1244955
Conc: 9.89 ug/ml



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

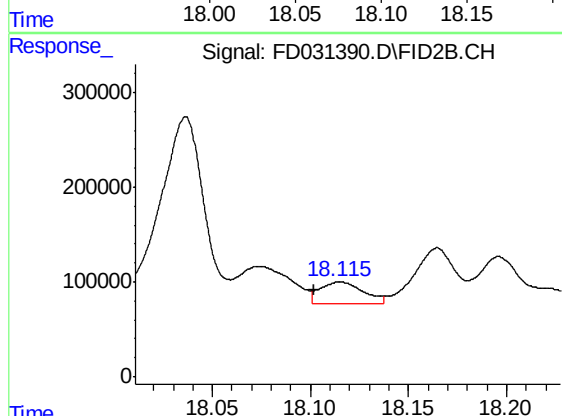
R.T.: 16.677 min
Delta R.T.: -0.020 min
Response: 3160097
Conc: 25.46 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-3



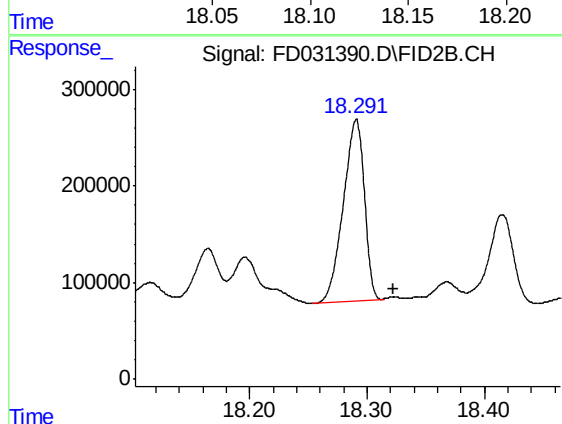
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.074 min
Delta R.T.: 0.013 min
Response: 721588
Conc: 5.93 ug/ml



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

R.T.: 18.115 min
Delta R.T.: 0.013 min
Response: 338044
Conc: 2.73 ug/ml



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

R.T.: 18.291 min
Delta R.T.: -0.032 min
Response: 2345621
Conc: 19.44 ug/ml