

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031020AR\
 Data File : FD032565.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2020 2:56
 Operator : DD\AJ
 Sample : L1852-09D
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 11 07:24:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 2020
 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...	7.621	5840569	45.189 ug/ml
Spiked Amount 50.000		Recovery =	90.38%
6) S 2-Fluorobiphenyl (SURR)	8.483	3772134	42.729 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.46%
11) S ortho-Terphenyl (SURR)	11.520	4782153	34.490 ug/ml
Spiked Amount 50.000		Recovery =	68.98%
Target Compounds			
2) T Naphthalene (C11.7)	5.962	185163	1.303 ug/ml
7) T Acenaphthene (C15.5)	8.578	399253	2.828 ug/ml
8) T Fluorene (C16.55)	9.357	425245	3.033 ug/ml
9) T Phenanthrene (C19.36)	10.752	2631233	18.828 ug/ml
10) T Anthracene (C19.43)	10.825	737375	5.267 ug/ml
12) T Fluoranthene (C21.85)	12.564	3582235	25.541 ug/ml
13) T Pyrene (C20.8)	12.859	2845448	20.695 ug/ml
14) T Benzo[a]anthracene (C...	14.727	1752632	13.431 ug/ml
15) T Chrysene (C27.41)	14.768	1612847	11.981 ug/ml
16) T benzo[b]fluoranthene ...	16.279	1997248	15.569 ug/ml
17) T Bnezo[k]fluoranthene ...	16.306	752167	5.730 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.656	1691476	13.278 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.019	1136888	9.541 ug/ml
20) T Dibenz[a,h]anthracene...	18.059	287518	2.274 ug/ml
21) T Benzo[g,h,i]perylene ...	18.272	886319	7.497 ug/ml

(f)=RT Delta > 1/2 Window

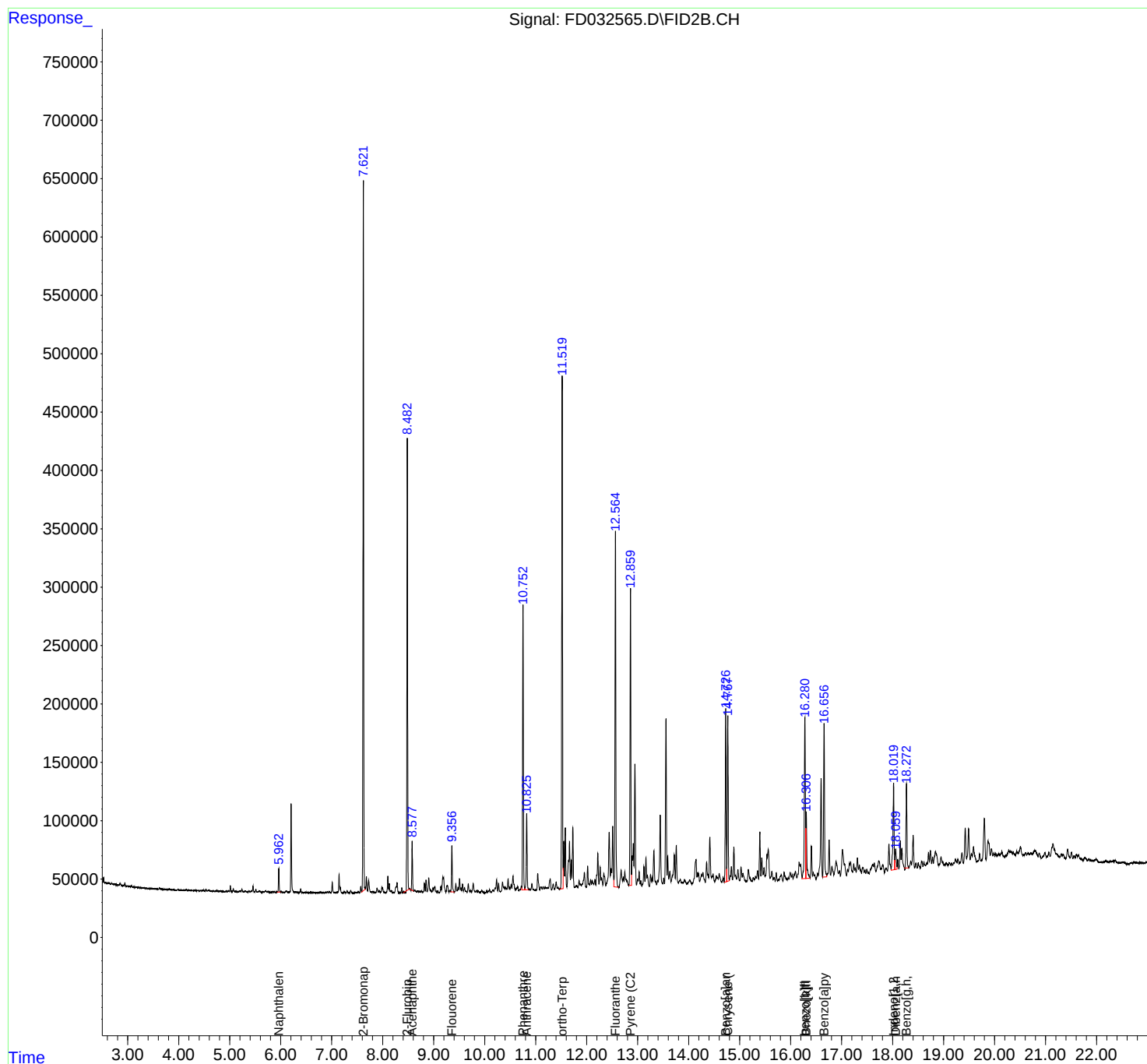
(m)=manual int.

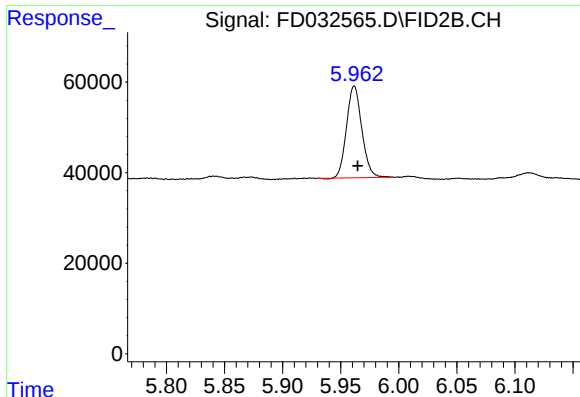
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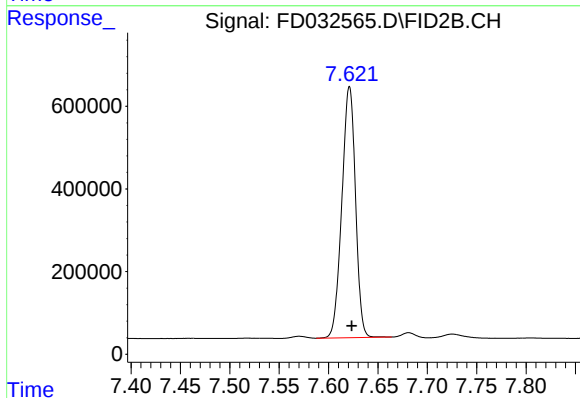




#2 Naphthalene (C11.7)

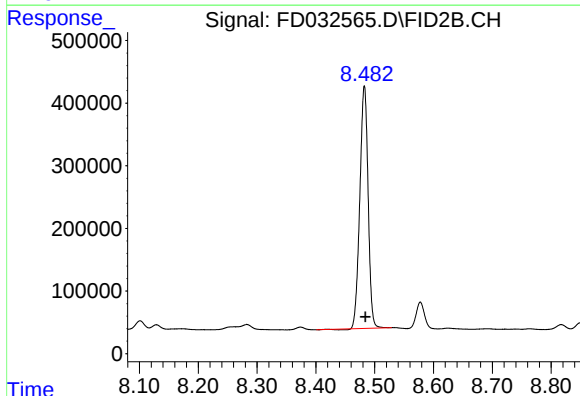
R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 185163
Conc: 1.30 ug/ml

Instrument :
FID_D
ClientSampleId :



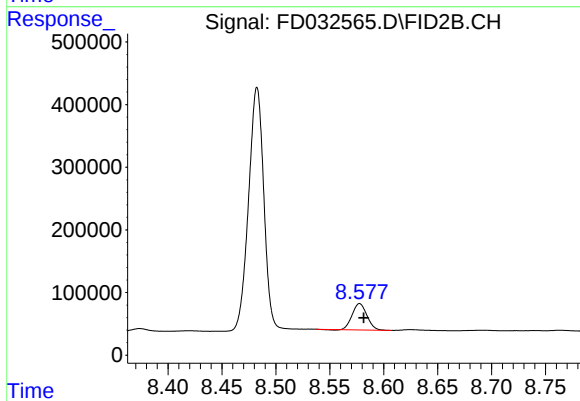
#4 2-Bromonaphthalene (SURR)

R.T.: 7.621 min
Delta R.T.: -0.002 min
Response: 5840569
Conc: 45.19 ug/ml



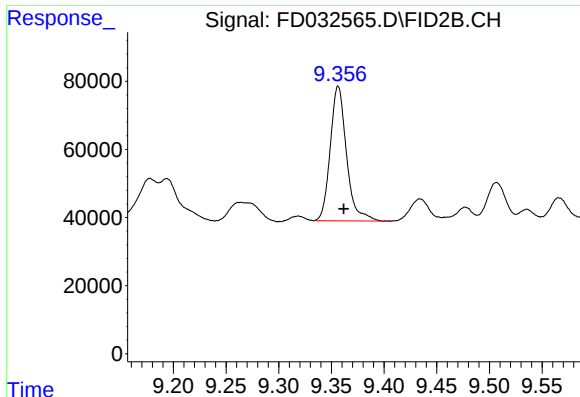
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.483 min
Delta R.T.: -0.002 min
Response: 3772134
Conc: 42.73 ug/ml



#7 Acenaphthene (C15.5)

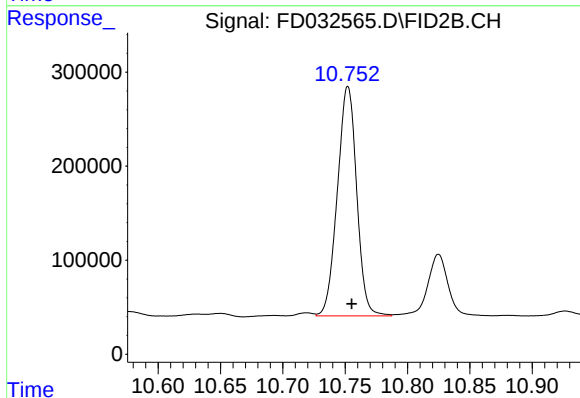
R.T.: 8.578 min
Delta R.T.: -0.004 min
Response: 399253
Conc: 2.83 ug/ml



#8 Flouorene (C16.55)

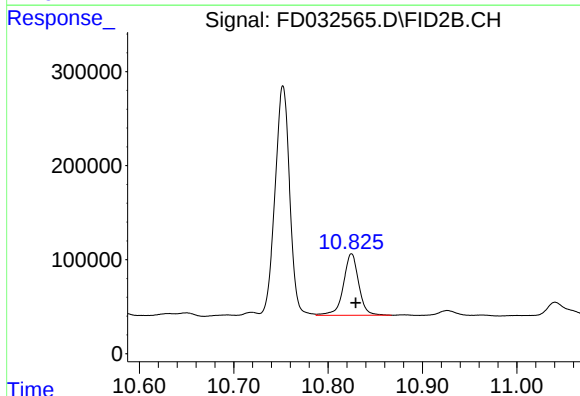
R.T.: 9.357 min
Delta R.T.: -0.005 min
Response: 425245
Conc: 3.03 ug/ml

Instrument :
FID_D
ClientSampleId :



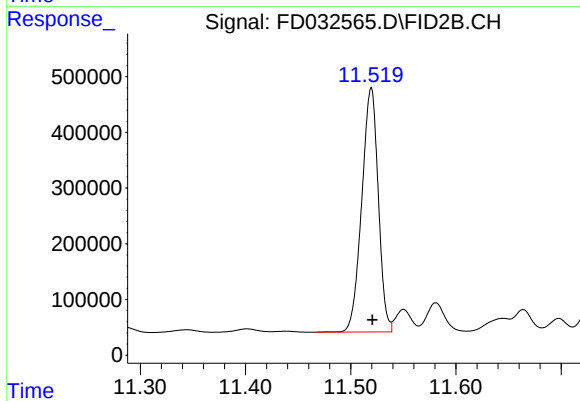
#9 Phenanthrene (C19.36)

R.T.: 10.752 min
Delta R.T.: -0.003 min
Response: 2631233
Conc: 18.83 ug/ml



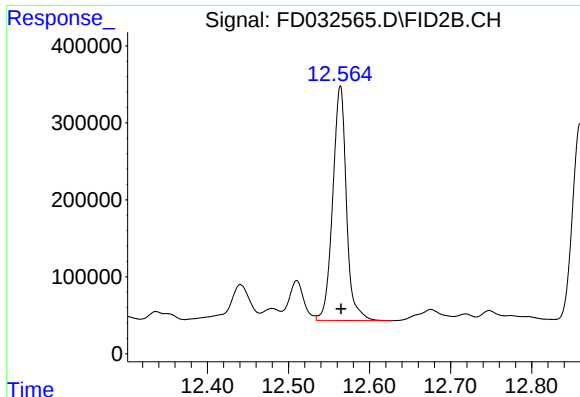
#10 Anthracene (C19.43)

R.T.: 10.825 min
Delta R.T.: -0.004 min
Response: 737375
Conc: 5.27 ug/ml



#11 ortho-Terphenyl (SURR)

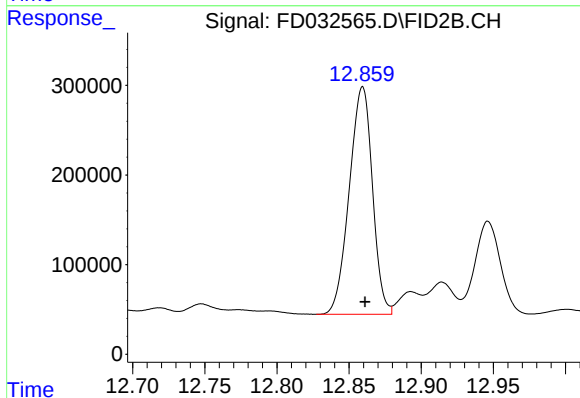
R.T.: 11.520 min
Delta R.T.: -0.001 min
Response: 4782153
Conc: 34.49 ug/ml



#12 Fluoranthene (C21.85)

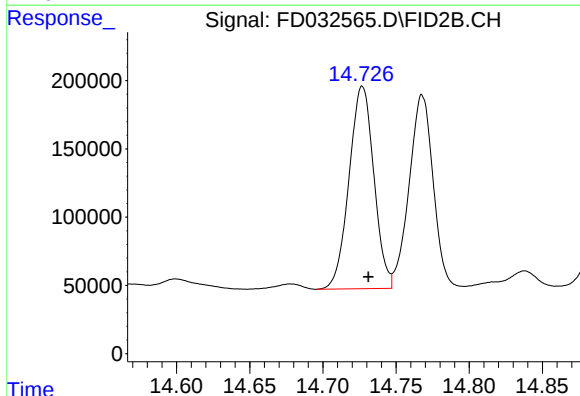
R.T.: 12.564 min
Delta R.T.: 0.000 min
Response: 3582235
Conc: 25.54 ug/ml

Instrument :
FID_D
ClientSampleId :



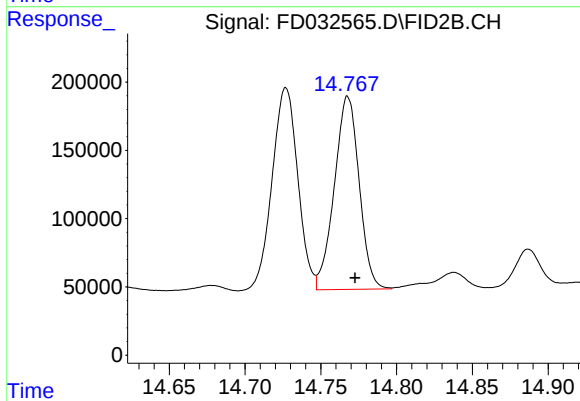
#13 Pyrene (C20.8)

R.T.: 12.859 min
Delta R.T.: -0.002 min
Response: 2845448
Conc: 20.69 ug/ml



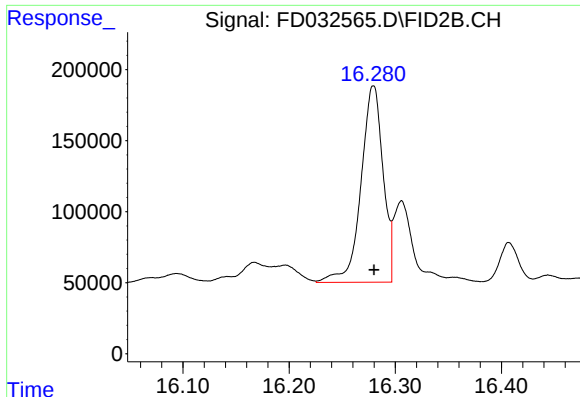
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.727 min
Delta R.T.: -0.004 min
Response: 1752632
Conc: 13.43 ug/ml



#15 Chrysene (C27.41)

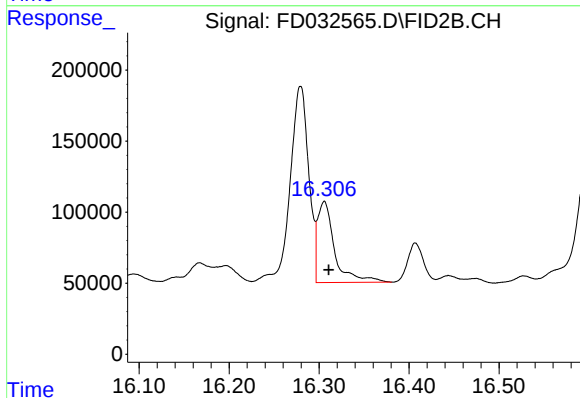
R.T.: 14.768 min
Delta R.T.: -0.005 min
Response: 1612847
Conc: 11.98 ug/ml



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

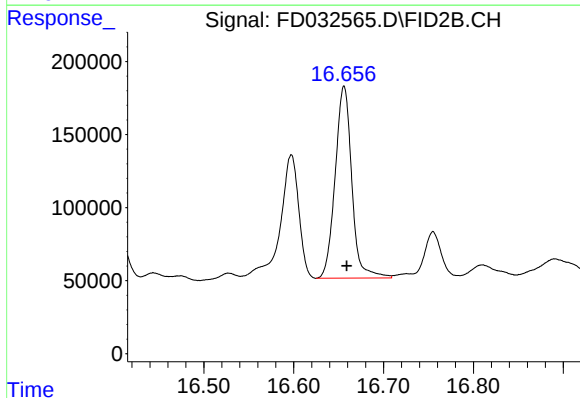
R.T.: 16.279 min
Delta R.T.: 0.000 min
Response: 1997248
Conc: 15.57 ug/ml

Instrument :
FID_D
ClientSampleId :



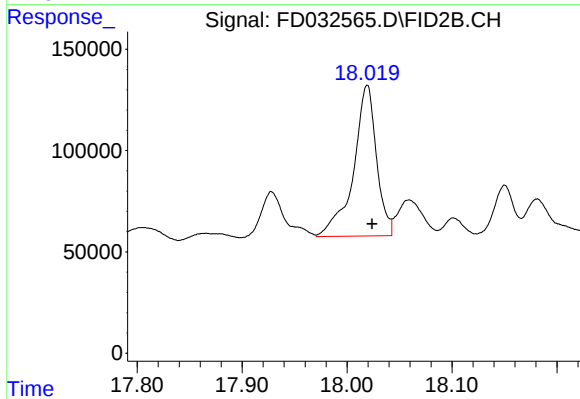
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.306 min
Delta R.T.: -0.005 min
Response: 752167
Conc: 5.73 ug/ml



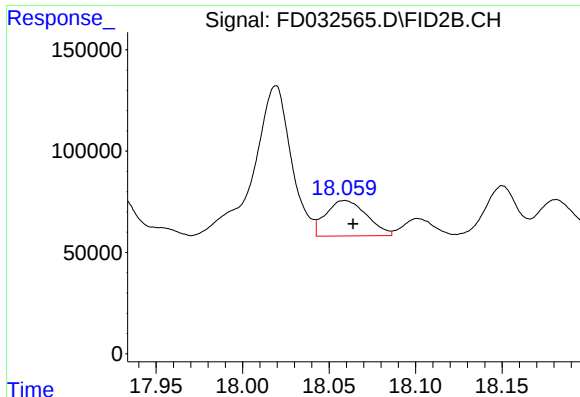
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.656 min
Delta R.T.: -0.003 min
Response: 1691476
Conc: 13.28 ug/ml



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

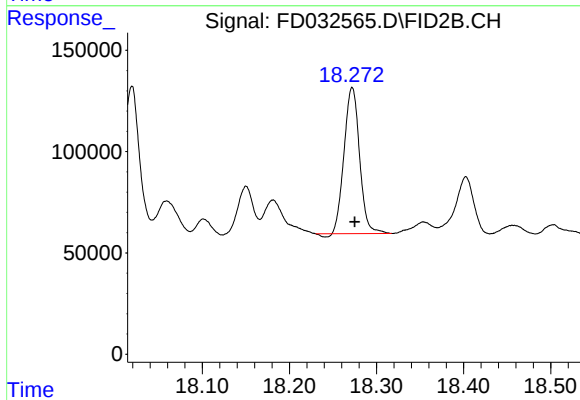
R.T.: 18.019 min
Delta R.T.: -0.005 min
Response: 1136888
Conc: 9.54 ug/ml



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

R.T.: 18.059 min
Delta R.T.: -0.005 min
Response: 287518
Conc: 2.27 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.272 min
Delta R.T.: -0.003 min
Response: 886319
Conc: 7.50 ug/ml