

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042320AR\
 Data File : FD033178.D
 Signal(s) : FID2B.CH
 Acq On : 24 Apr 2020 9:53
 Operator : DD\AJ
 Sample : L2314-02DL 2X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 24 12:32:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 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...	7.594	3008141	20.503 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
6) S 2-Fluorobiphenyl (SURR)	8.457	1922287	19.704 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.41%
11) S ortho-Terphenyl (SURR)	11.527	314080	1.965 ug/ml
Spiked Amount 50.000		Recovery =	3.93%
Target Compounds			
2) T Naphthalene (C11.7)	5.938	321595	1.971 ug/ml
3) T 2-Methylnaphthalene (...)	6.988	183766	1.139 ug/ml
5) T Acenaphthylene (C15.06)	8.259	362180	2.341 ug/ml
8) T Flouorene (C16.55)	9.366	266002	1.711 ug/ml
9) T Phenanthrene (C19.36)	10.728	1633769	10.430 ug/ml
10) T Anthracene (C19.43)	10.803	514471	3.378 ug/ml
12) T Fluoranthene (C21.85)	12.539	1631047	10.349 ug/ml
13) T Pyrene (C20.8)	12.835	1528542	9.788 ug/ml
14) T Benzo[a]anthracene (C...	14.747	993175	6.977 ug/ml
15) T Chrysene (C27.41)	14.747	993175	6.731 ug/ml
16) T benzo[b]fluoranthene ...	16.289	311410	2.282 ug/ml
17) T Bnezo[k]fluoranthene ...	16.289	311410	2.263 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.693	269152	2.032 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.007	665882	5.517 ug/ml
20) T Dibenz[a,h]anthracene...	18.138f	161632	1.290 ug/ml
21) T Benzo[g,h,i]perylene ...	18.260	554477	4.581 ug/ml

(f)=RT Delta > 1/2 Window

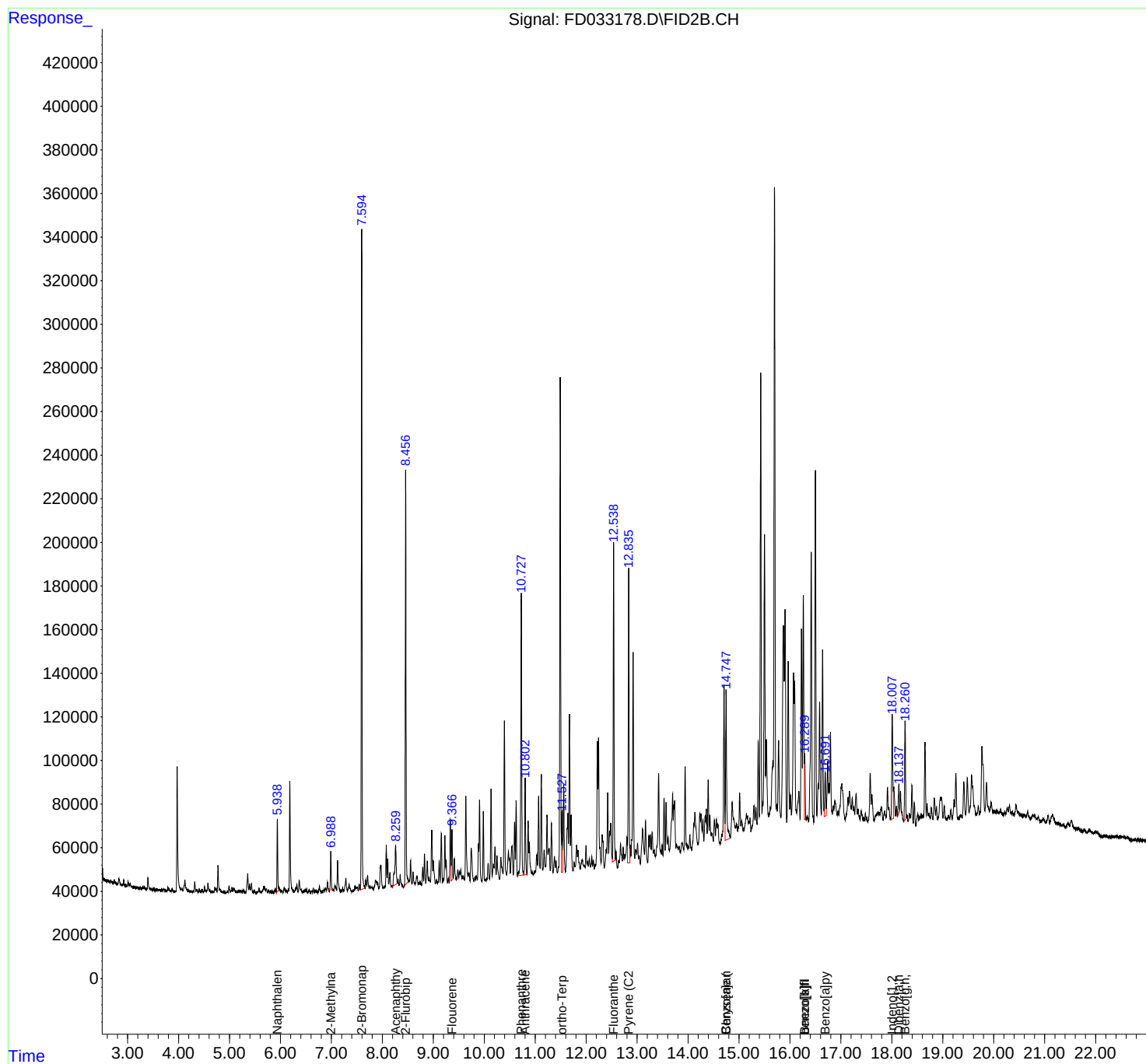
(m)=manual int.

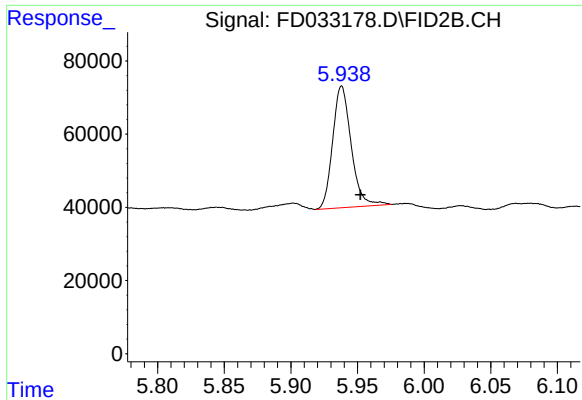
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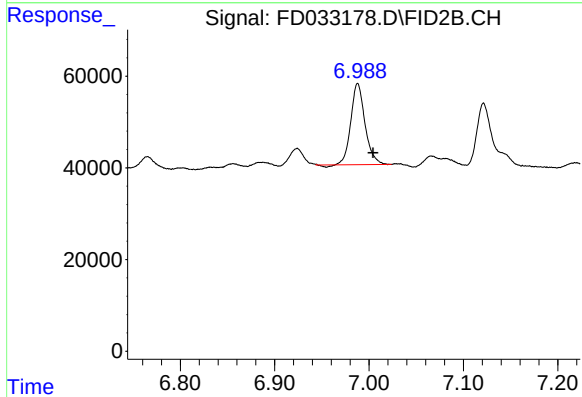




#2 Naphthalene (C11.7)

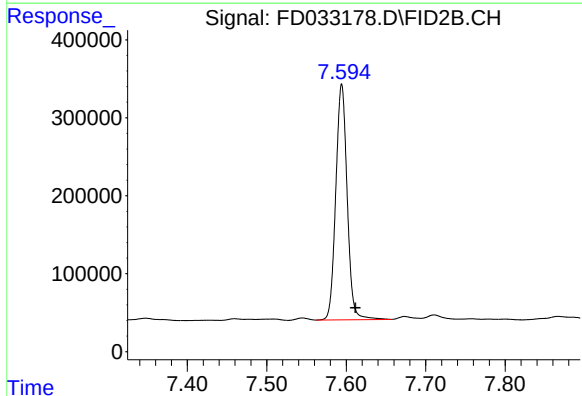
R.T.: 5.938 min
Delta R.T.: -0.014 min
Response: 321595
Conc: 1.97 ug/ml

Instrument :
FID_D
ClientSampleId :



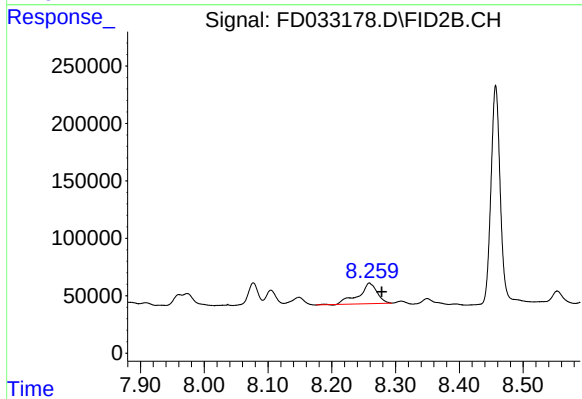
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.016 min
Response: 183766
Conc: 1.14 ug/ml



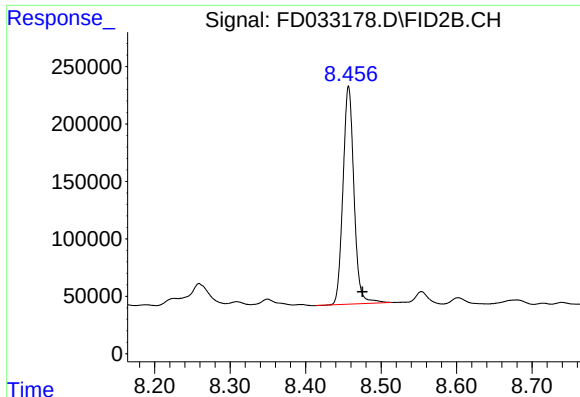
#4 2-Bromonaphthalene (SURR)

R.T.: 7.594 min
Delta R.T.: -0.017 min
Response: 3008141
Conc: 20.50 ug/ml



#5 Acenaphthylene (C15.06)

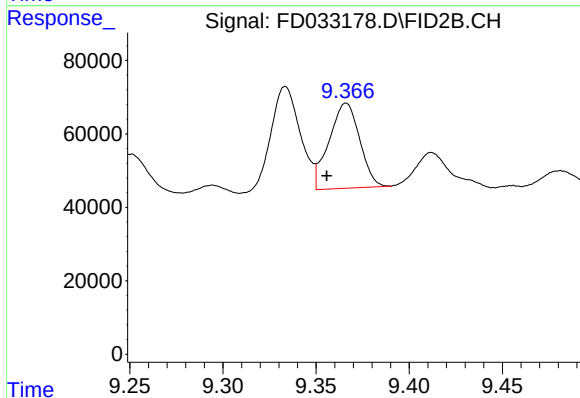
R.T.: 8.259 min
Delta R.T.: -0.020 min
Response: 362180
Conc: 2.34 ug/ml



#6 2-Fluorobiphenyl (SURR)

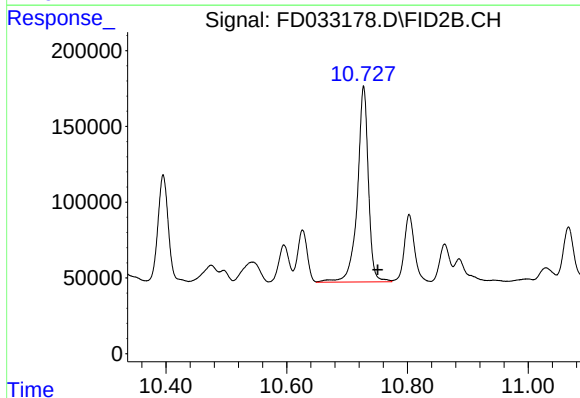
R.T.: 8.457 min
Delta R.T.: -0.018 min
Response: 1922287
Conc: 19.70 ug/ml

Instrument :
FID_D
ClientSampleId :



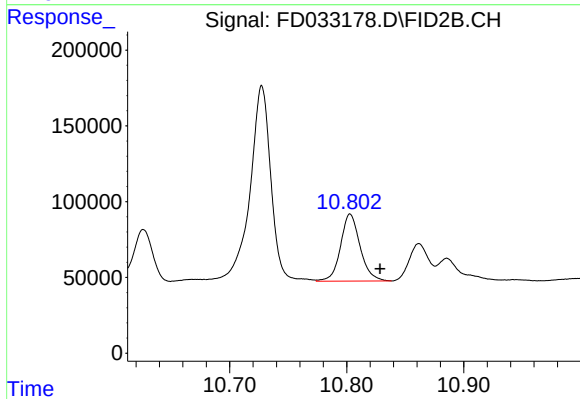
#8 Flouorene (C16.55)

R.T.: 9.366 min
Delta R.T.: 0.010 min
Response: 266002
Conc: 1.71 ug/ml



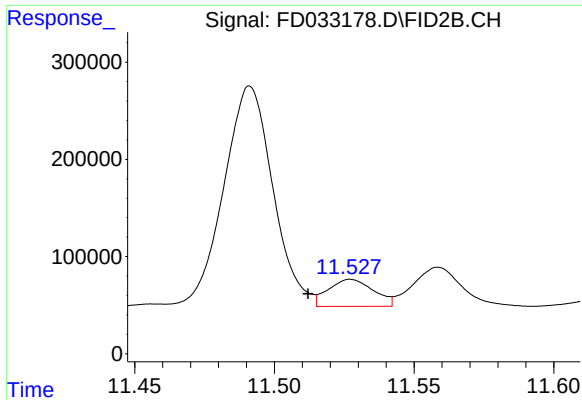
#9 Phenanthrene (C19.36)

R.T.: 10.728 min
Delta R.T.: -0.024 min
Response: 1633769
Conc: 10.43 ug/ml



#10 Anthracene (C19.43)

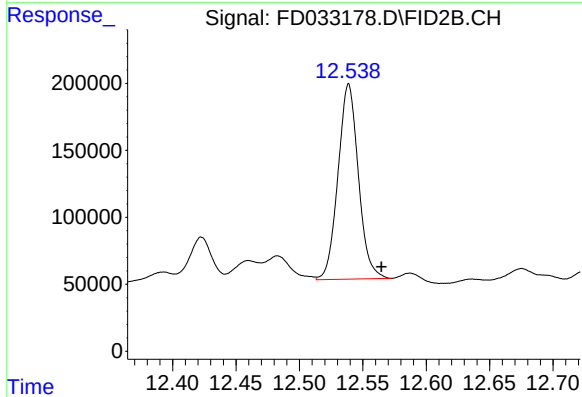
R.T.: 10.803 min
Delta R.T.: -0.026 min
Response: 514471
Conc: 3.38 ug/ml



#11 ortho-Terphenyl (SURR)

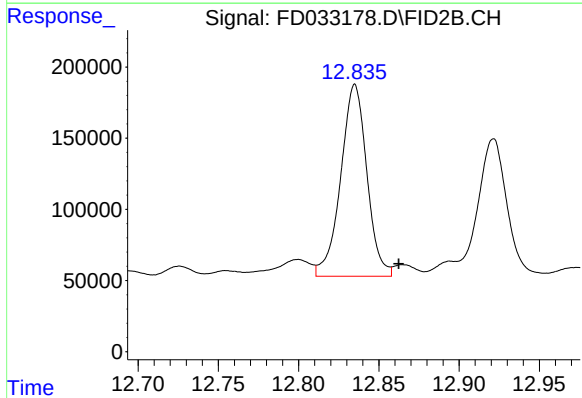
R.T.: 11.527 min
Delta R.T.: 0.015 min
Response: 314080
Conc: 1.97 ug/ml

Instrument :
FID_D
ClientSampleId :



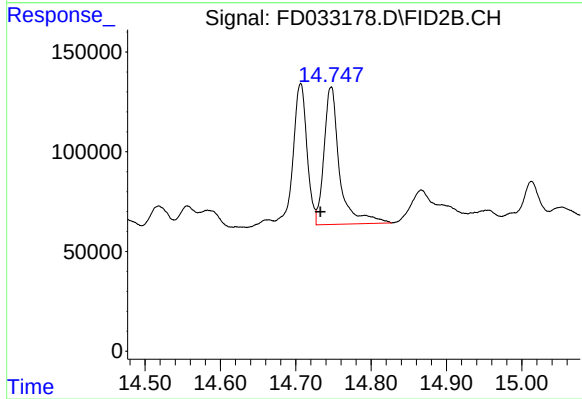
#12 Fluoranthene (C21.85)

R.T.: 12.539 min
Delta R.T.: -0.026 min
Response: 1631047
Conc: 10.35 ug/ml



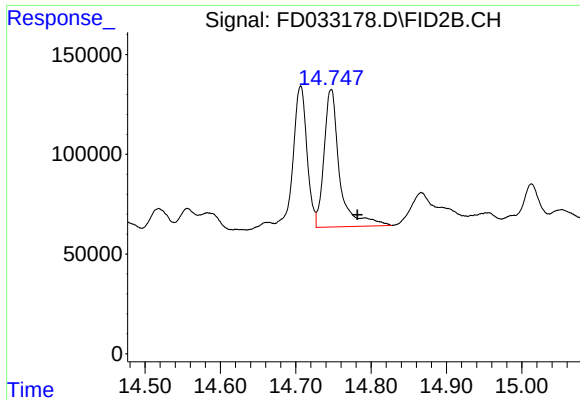
#13 Pyrene (C20.8)

R.T.: 12.835 min
Delta R.T.: -0.027 min
Response: 1528542
Conc: 9.79 ug/ml



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

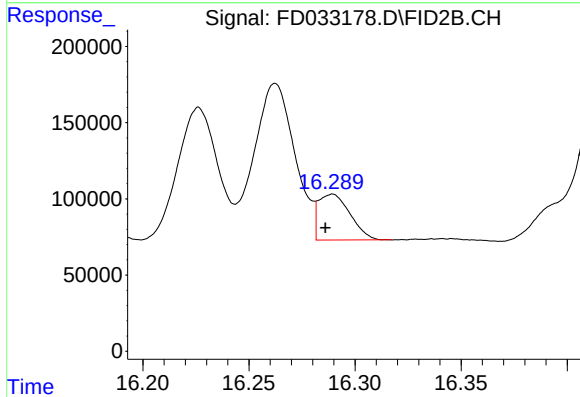
R.T.: 14.747 min
Delta R.T.: 0.014 min
Response: 993175
Conc: 6.98 ug/ml



#15 Chrysene (C27.41)

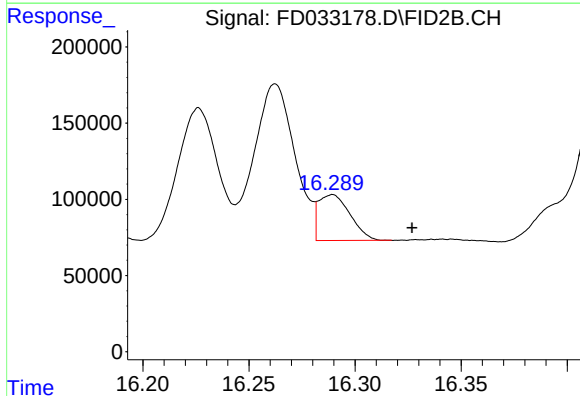
R.T.: 14.747 min
Delta R.T.: -0.035 min
Response: 993175
Conc: 6.73 ug/ml

Instrument :
FID_D
ClientSampleId :



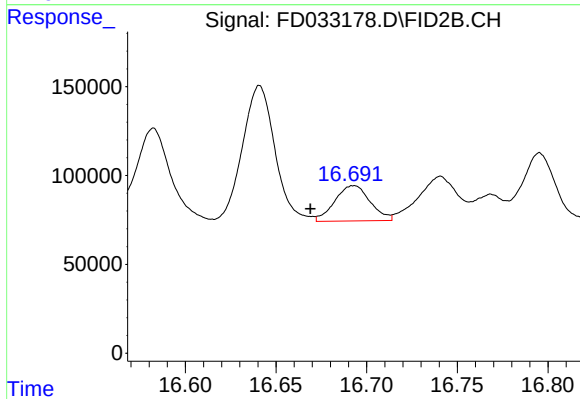
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.289 min
Delta R.T.: 0.003 min
Response: 311410
Conc: 2.28 ug/ml



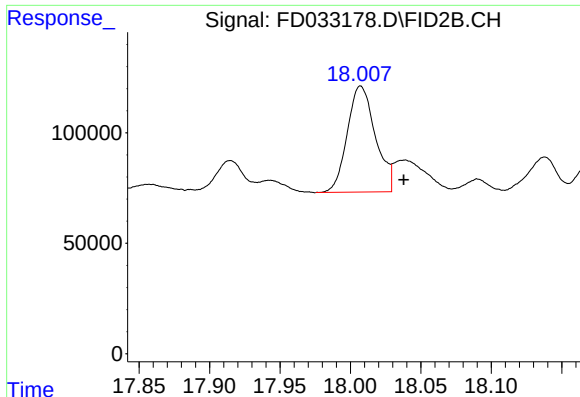
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.289 min
Delta R.T.: -0.038 min
Response: 311410
Conc: 2.26 ug/ml



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

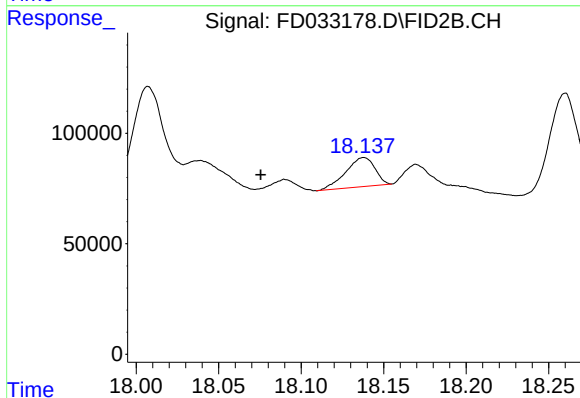
R.T.: 16.693 min
Delta R.T.: 0.024 min
Response: 269152
Conc: 2.03 ug/ml



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

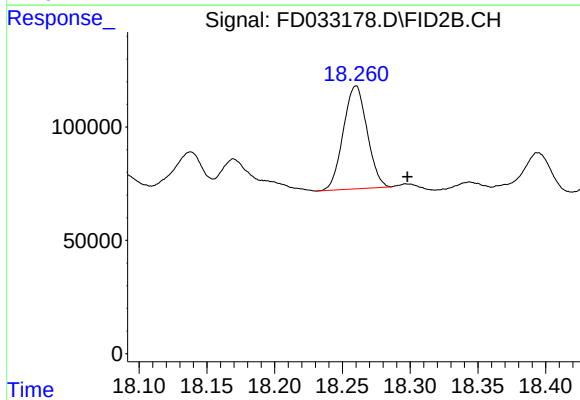
R.T.: 18.007 min
Delta R.T.: -0.030 min
Response: 665882
Conc: 5.52 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.138 min
Delta R.T.: 0.062 min
Response: 161632
Conc: 1.29 ug/ml



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

R.T.: 18.260 min
Delta R.T.: -0.038 min
Response: 554477
Conc: 4.58 ug/ml