

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072523AR\
 Data File : FD046215.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2023 15:37
 Operator : YP/AJ
 Sample : 03580-02DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 25 16:09:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.503	1706072	11.413 ug/ml
Spiked Amount 50.000		Recovery =	22.83%
6) S 2-Fluorobiphenyl (SURR)	8.357	1063082	11.356 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	22.71%
11) S ortho-Terphenyl (SURR)	11.396	1068700	6.119 ug/ml
Spiked Amount 50.000		Recovery =	12.24%
Target Compounds			
2) T Naphthalene (C11.7)	5.842	125675	0.696 ug/ml
3) T 2-Methylnaphthalene (...)	6.890	325647	1.850 ug/ml
5) T Acenaphthylene (C15.06)	8.159	587839	3.853 ug/ml
7) T Acenaphthene (C15.5)	8.455	328136	2.012 ug/ml
8) T Fluorene (C16.55)	9.233	1064786	6.998 ug/ml
9) T Phenanthrene (C19.36)	10.627	5728036	39.779 ug/ml
10) T Anthracene (C19.43)	10.698	1283222	9.805 ug/ml
12) T Fluoranthene (C21.85)	12.435	6590923	47.168 ug/ml
13) T Pyrene (C20.8)	12.730	7668653	55.331 ug/ml
14) T Benzo[a]anthracene (C...	14.589	3352486	25.541 ug/ml
15) T Chrysene (C27.41)	14.630	3577216	25.370 ug/ml
16) T benzo[b]fluoranthene ...	16.134	3369811	24.640 ug/ml
17) T Bnezo[k]fluoranthene ...	16.160	1163807	8.491 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.507	2673780	20.538 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.860	1305458	10.854 ug/ml
20) T Dibenz[a,h]anthracene...	17.902	518249	4.052 ug/ml
21) T Benzo[g,h,i]perylene ...	18.111	1278347	10.076 ug/ml

(f)=RT Delta > 1/2 Window

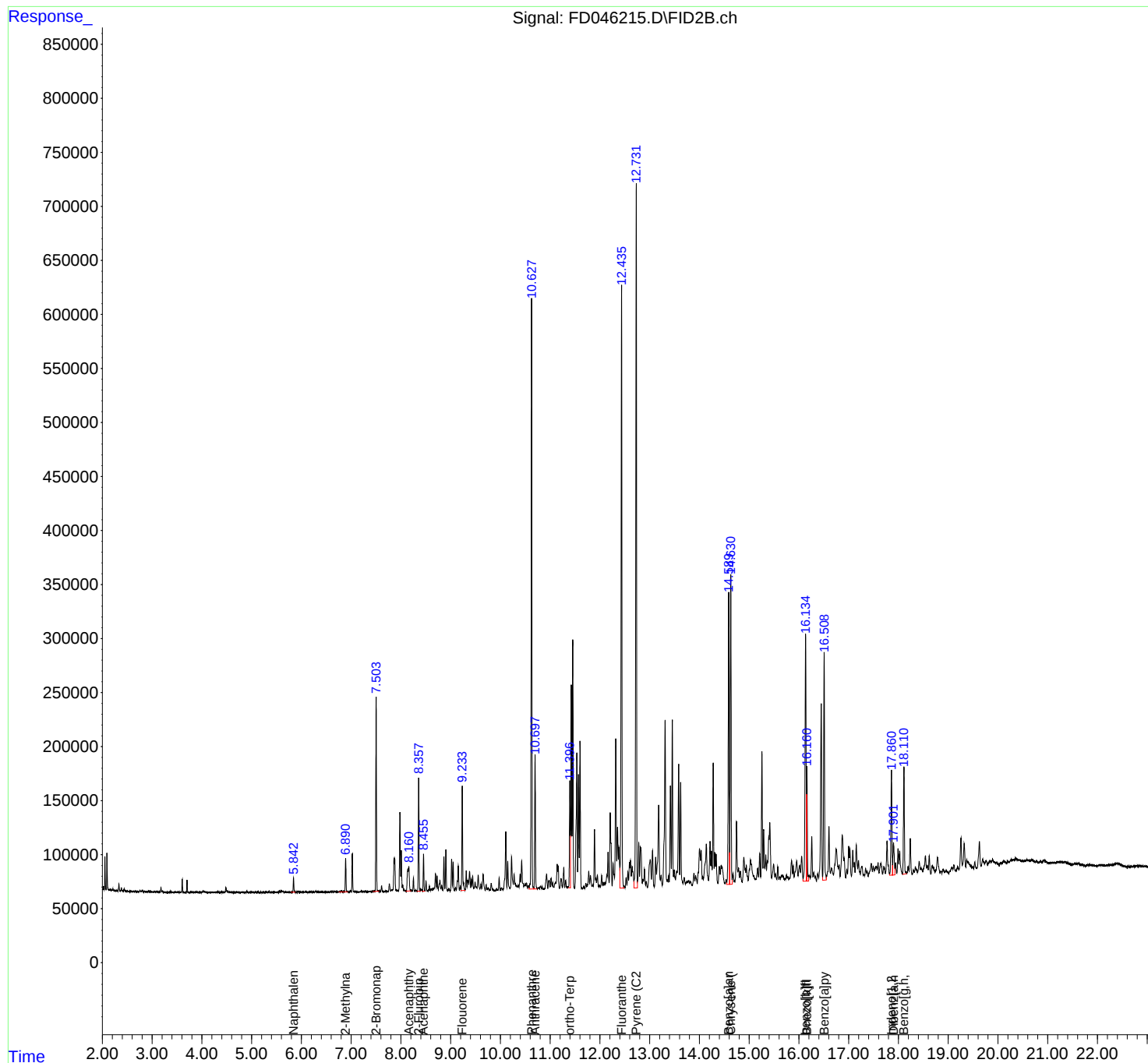
(m)=manual int.

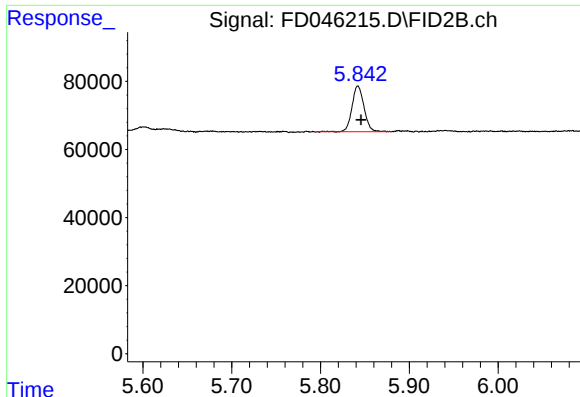
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Signal Phase : Rxi-1ms
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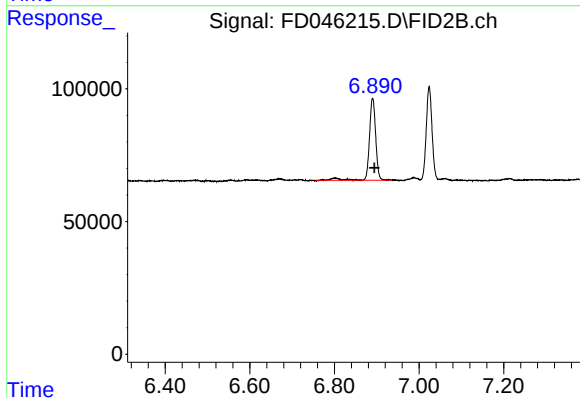




#2 Naphthalene (C11.7)

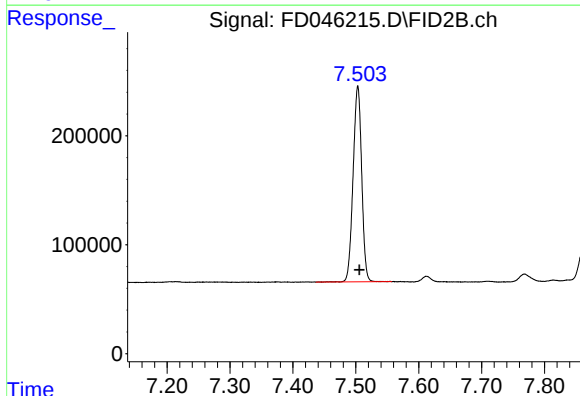
R.T.: 5.842 min
Delta R.T.: -0.003 min
Response: 125675
Conc: 0.70 ug/ml

Instrument :
FID_D
ClientSampleId :



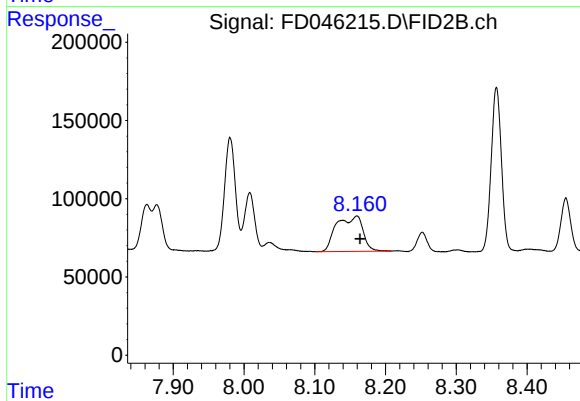
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.890 min
Delta R.T.: -0.004 min
Response: 325647
Conc: 1.85 ug/ml



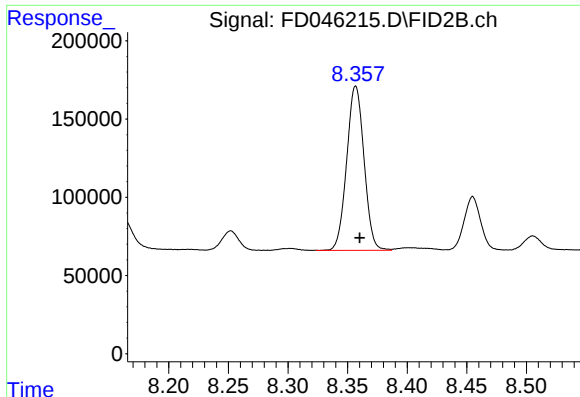
#4 2-Bromonaphthalene (SURR)

R.T.: 7.503 min
Delta R.T.: -0.003 min
Response: 1706072
Conc: 11.41 ug/ml



#5 Acenaphthylene (C15.06)

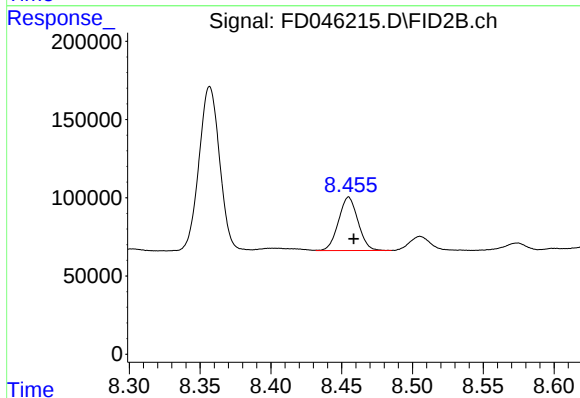
R.T.: 8.159 min
Delta R.T.: -0.005 min
Response: 587839
Conc: 3.85 ug/ml



#6 2-Fluorobiphenyl (SURR)

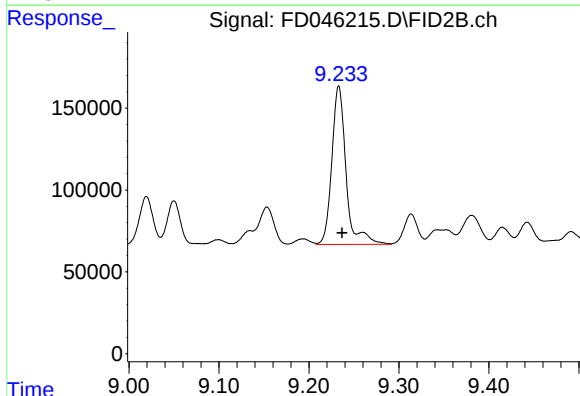
R.T.: 8.357 min
Delta R.T.: -0.003 min
Response: 1063082
Conc: 11.36 ug/ml

Instrument :
FID_D
ClientSampleId :



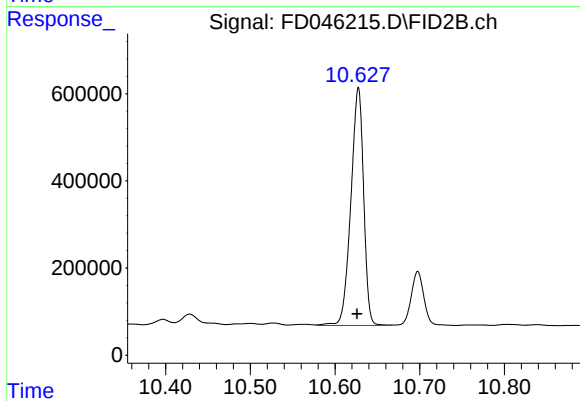
#7 Acenaphthene (C15.5)

R.T.: 8.455 min
Delta R.T.: -0.004 min
Response: 328136
Conc: 2.01 ug/ml



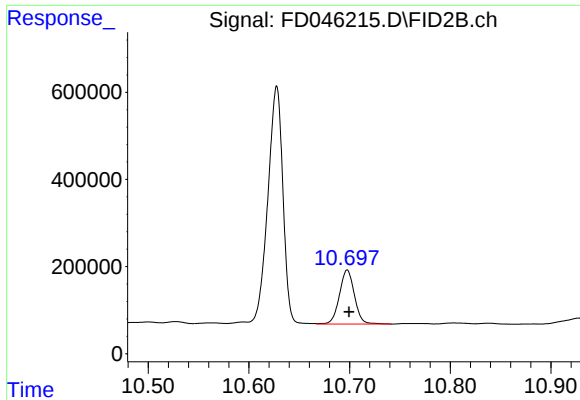
#8 Flouorene (C16.55)

R.T.: 9.233 min
Delta R.T.: -0.004 min
Response: 1064786
Conc: 7.00 ug/ml



#9 Phenanthrene (C19.36)

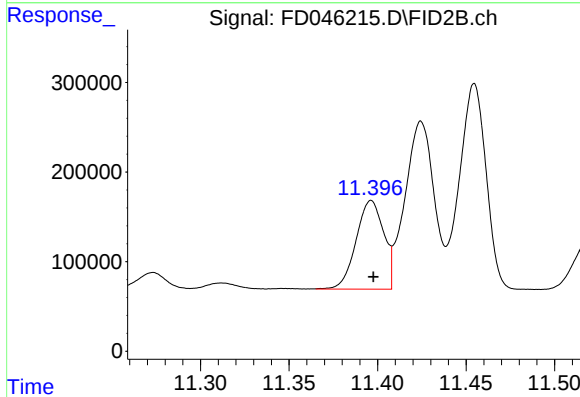
R.T.: 10.627 min
Delta R.T.: 0.002 min
Response: 5728036
Conc: 39.78 ug/ml



#10 Anthracene (C19.43)

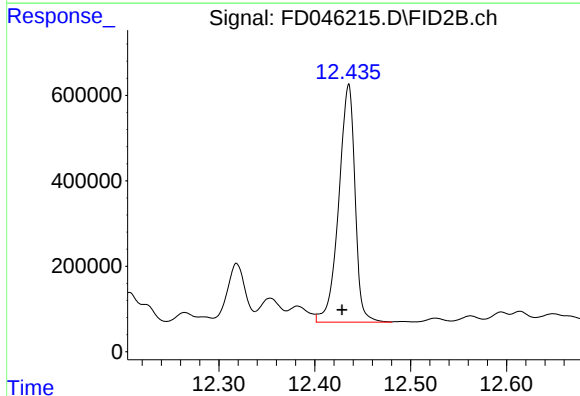
R.T.: 10.698 min
Delta R.T.: -0.002 min
Response: 1283222
Conc: 9.81 ug/ml

Instrument :
FID_D
ClientSampleId :



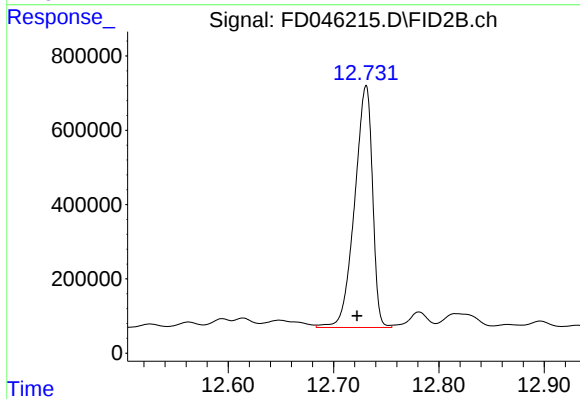
#11 ortho-Terphenyl (SURR)

R.T.: 11.396 min
Delta R.T.: -0.001 min
Response: 1068700
Conc: 6.12 ug/ml



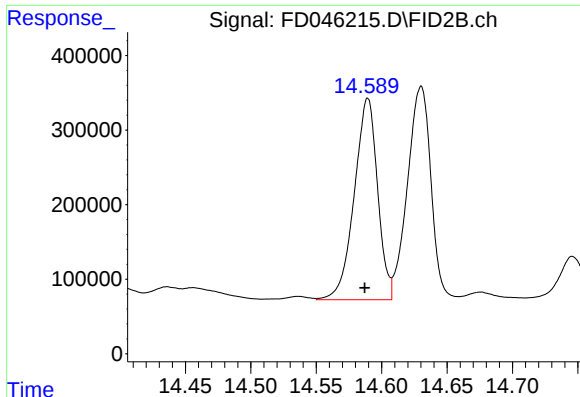
#12 Fluoranthene (C21.85)

R.T.: 12.435 min
Delta R.T.: 0.006 min
Response: 6590923
Conc: 47.17 ug/ml



#13 Pyrene (C20.8)

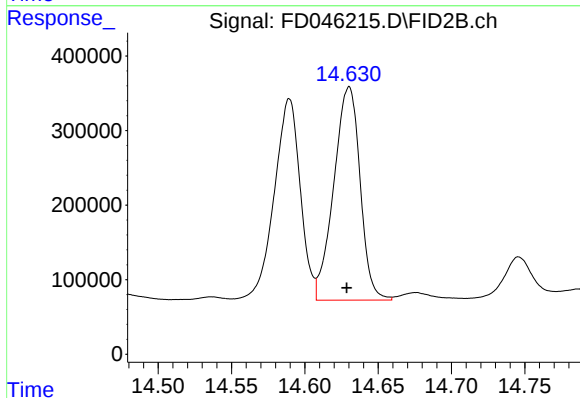
R.T.: 12.730 min
Delta R.T.: 0.008 min
Response: 7668653
Conc: 55.33 ug/ml



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

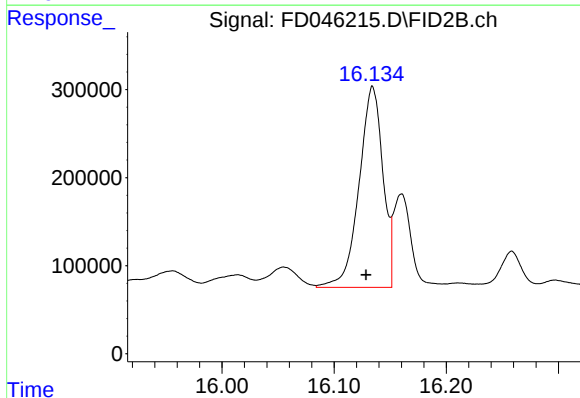
R.T.: 14.589 min
Delta R.T.: 0.002 min
Response: 3352486
Conc: 25.54 ug/ml

Instrument :
FID_D
ClientSampleId :



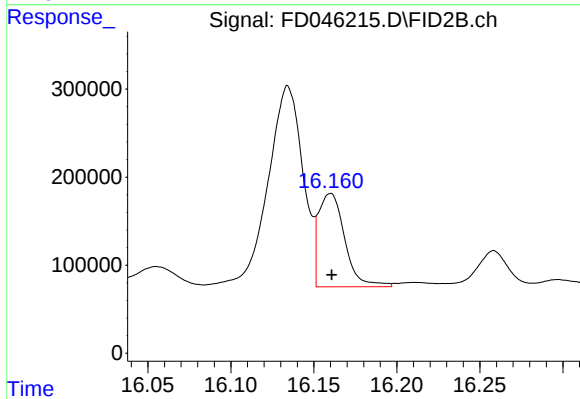
#15 Chrysene (C27.41)

R.T.: 14.630 min
Delta R.T.: 0.001 min
Response: 3577216
Conc: 25.37 ug/ml



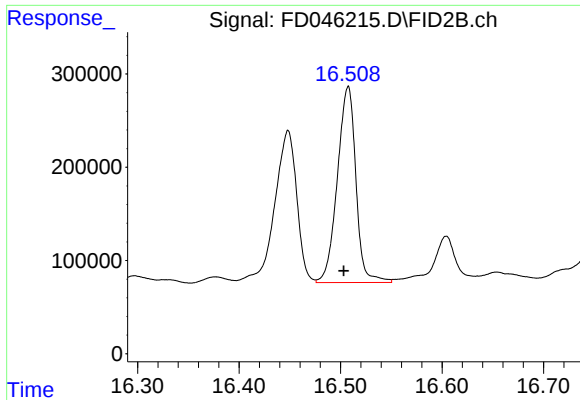
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.134 min
Delta R.T.: 0.006 min
Response: 3369811
Conc: 24.64 ug/ml



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

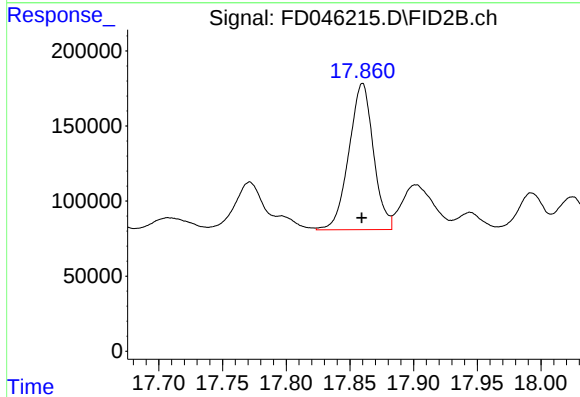
R.T.: 16.160 min
Delta R.T.: 0.000 min
Response: 1163807
Conc: 8.49 ug/ml



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

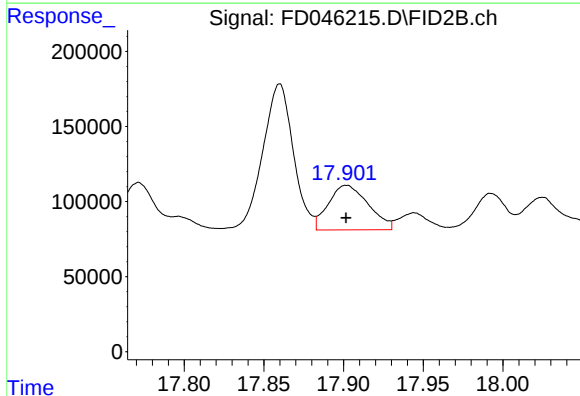
R.T.: 16.507 min
Delta R.T.: 0.004 min
Response: 2673780
Conc: 20.54 ug/ml

Instrument :
FID_D
ClientSampleId :



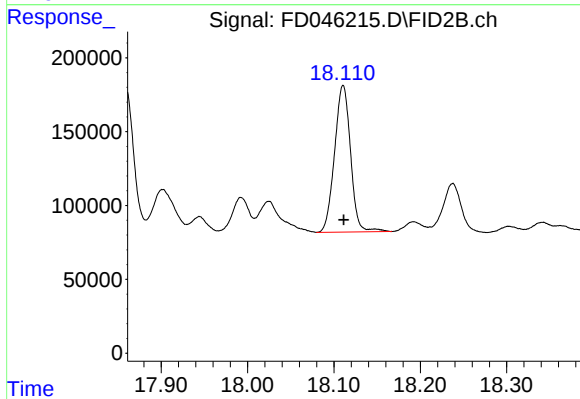
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.860 min
Delta R.T.: 0.000 min
Response: 1305458
Conc: 10.85 ug/ml



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

R.T.: 17.902 min
Delta R.T.: 0.000 min
Response: 518249
Conc: 4.05 ug/ml



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

R.T.: 18.111 min
Delta R.T.: 0.000 min
Response: 1278347
Conc: 10.08 ug/ml