

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046007.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 20:58
 Operator : YP/AJ
 Sample : 03357-33DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 02:46:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.520	5465362	25.361 ug/ml
Spiked Amount 50.000		Recovery =	50.72%
6) S 2-Fluorobiphenyl (SURR)	8.376	3553728	25.677 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	51.35%
11) S ortho-Terphenyl (SURR)	11.414	3399680	13.410 ug/ml
Spiked Amount 50.000		Recovery =	26.82%
Target Compounds			
2) T Naphthalene (C11.7)	5.893	102929	0.403 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	1328854	5.271 ug/ml
5) T Acenaphthylene (C15.06)	8.179	610803	2.812 ug/ml
7) T Acenaphthene (C15.5)	8.466	822108	3.488 ug/ml
8) T Fluorene (C16.55)	9.248	336312	1.486 ug/ml
9) T Phenanthrene (C19.36)	10.641	577795	2.708 ug/ml
10) T Anthracene (C19.43)	10.728	671046	4.223 ug/ml
12) T Fluoranthene (C21.85)	12.450	434932	2.125 ug/ml
13) T Pyrene (C20.8)	12.741	678504	3.490 ug/ml
14) T Benzo[a]anthracene (C...	14.610	1326283	7.375 ug/ml
15) T Chrysene (C27.41)	14.654	3305845	16.843 ug/ml
16) T benzo[b]fluoranthene ...	16.179	5475814	29.196 ug/ml
17) T Bnezo[k]fluoranthene ...	16.179	5475814	27.683 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.510	3048519	17.497 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	841512	4.522 ug/ml
20) T Dibenz[a,h]anthracene...	17.905	576992	3.138 ug/ml
21) T Benzo[g,h,i]perylene ...	18.144	303592	1.625 ug/ml

(f)=RT Delta > 1/2 Window

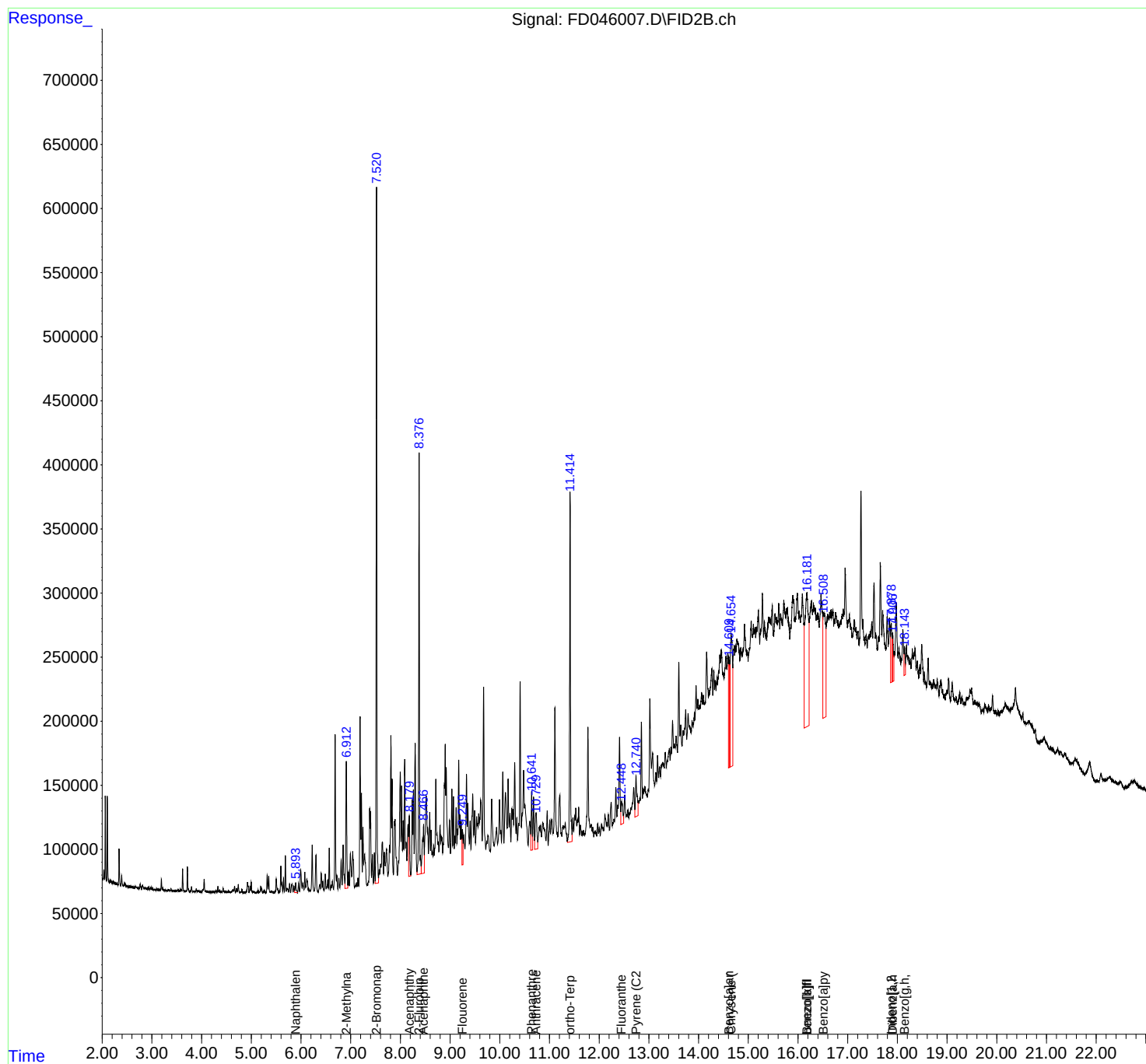
(m)=manual int.

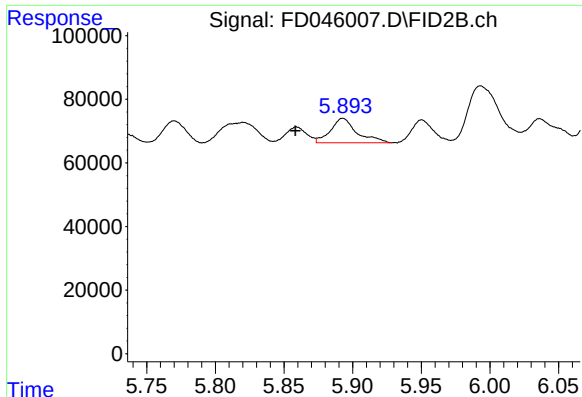
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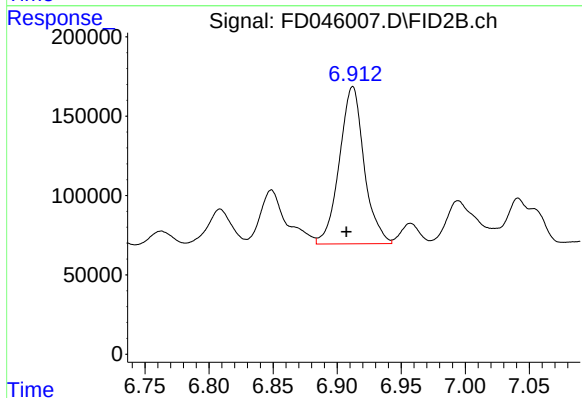




#2 Naphthalene (C11.7)

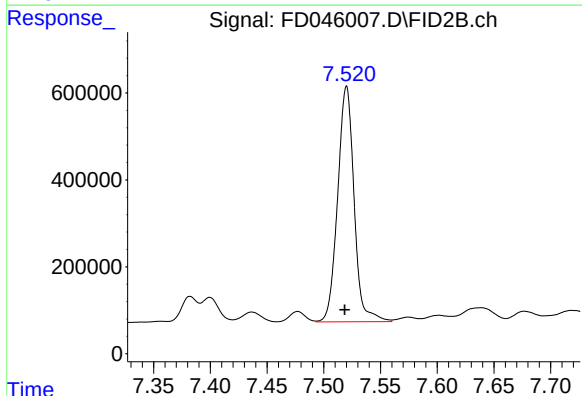
R.T.: 5.893 min
Delta R.T.: 0.035 min
Response: 102929
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



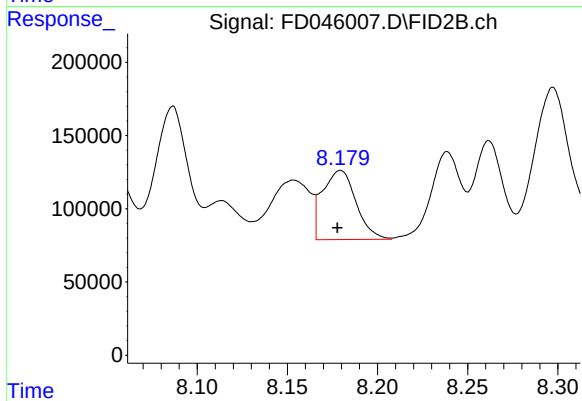
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: 0.005 min
Response: 1328854
Conc: 5.27 ug/ml



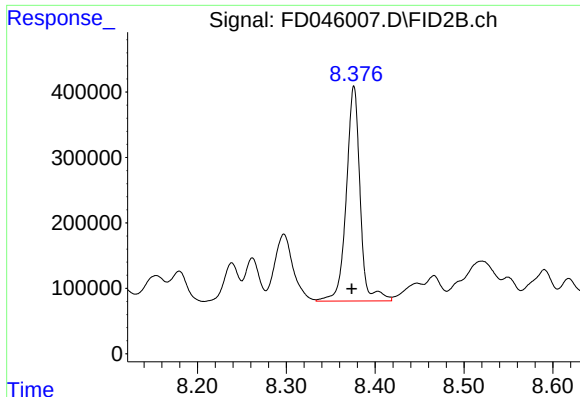
#4 2-Bromonaphthalene (SURR)

R.T.: 7.520 min
Delta R.T.: 0.002 min
Response: 5465362
Conc: 25.36 ug/ml



#5 Acenaphthylene (C15.06)

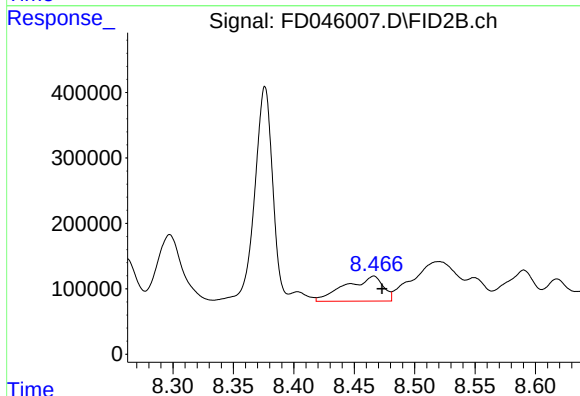
R.T.: 8.179 min
Delta R.T.: 0.002 min
Response: 610803
Conc: 2.81 ug/ml



#6 2-Fluorobiphenyl (SURR)

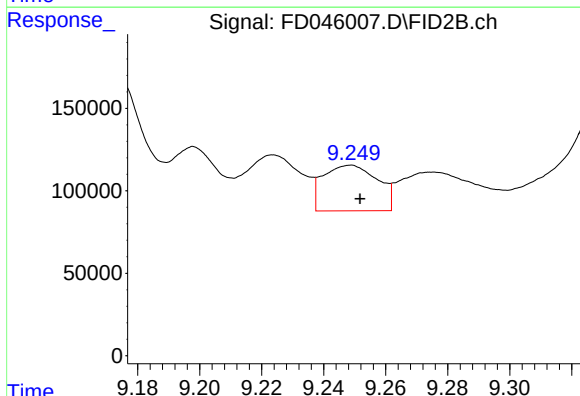
R.T.: 8.376 min
Delta R.T.: 0.002 min
Response: 3553728
Conc: 25.68 ug/ml

Instrument :
FID_D
ClientSampleId :



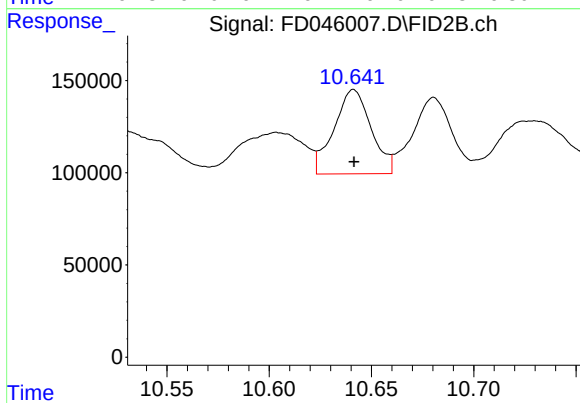
#7 Acenaphthene (C15.5)

R.T.: 8.466 min
Delta R.T.: -0.007 min
Response: 822108
Conc: 3.49 ug/ml



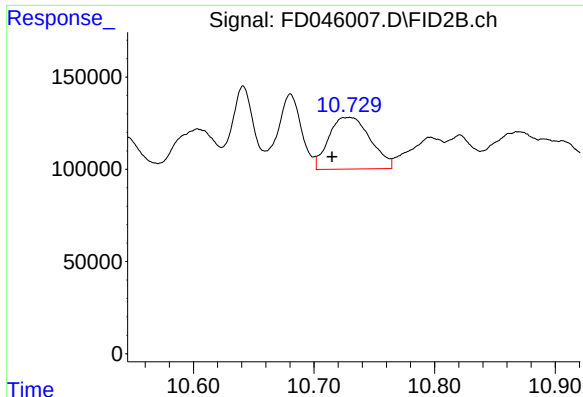
#8 Flouorene (C16.55)

R.T.: 9.248 min
Delta R.T.: -0.003 min
Response: 336312
Conc: 1.49 ug/ml



#9 Phenanthrene (C19.36)

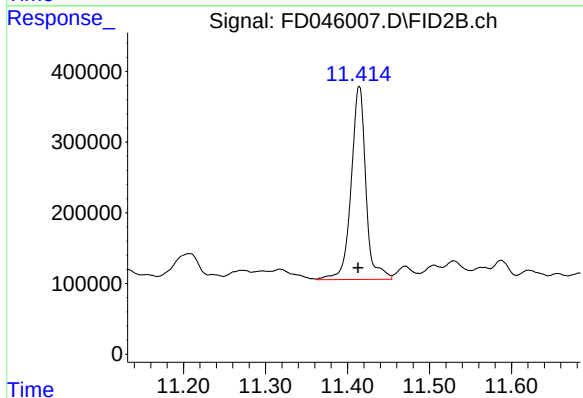
R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 577795
Conc: 2.71 ug/ml



#10 Anthracene (C19.43)

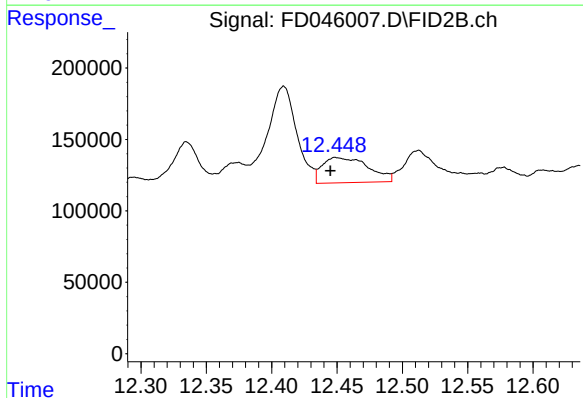
R.T.: 10.728 min
Delta R.T.: 0.013 min
Response: 671046
Conc: 4.22 ug/ml

Instrument :
FID_D
ClientSampleId :



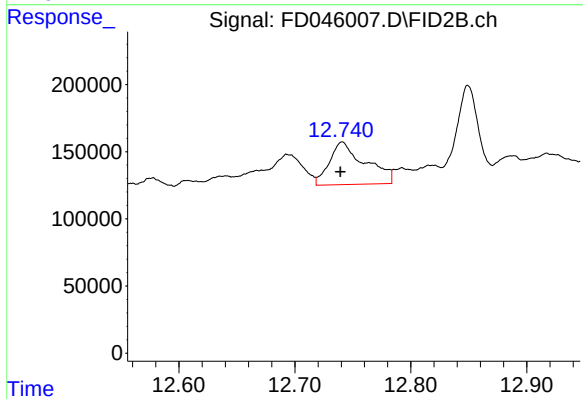
#11 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: 0.001 min
Response: 3399680
Conc: 13.41 ug/ml



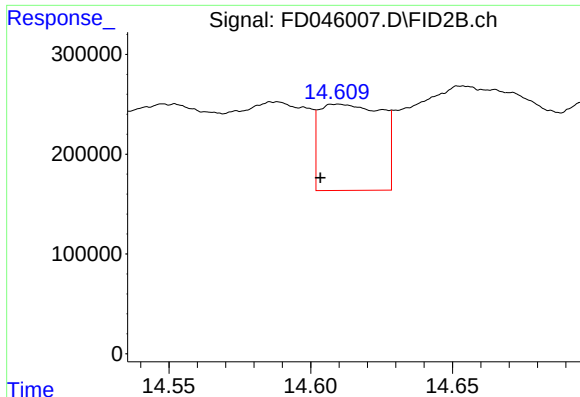
#12 Fluoranthene (C21.85)

R.T.: 12.450 min
Delta R.T.: 0.005 min
Response: 434932
Conc: 2.13 ug/ml



#13 Pyrene (C20.8)

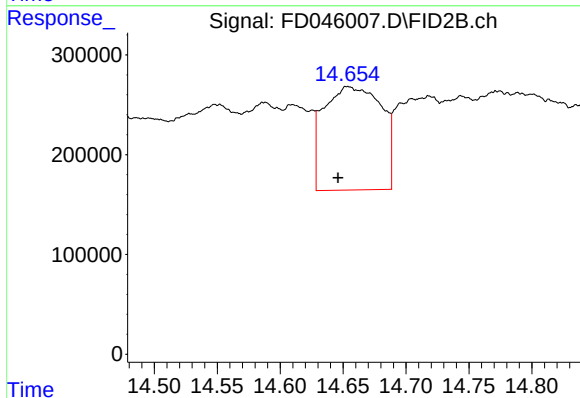
R.T.: 12.741 min
Delta R.T.: 0.002 min
Response: 678504
Conc: 3.49 ug/ml



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

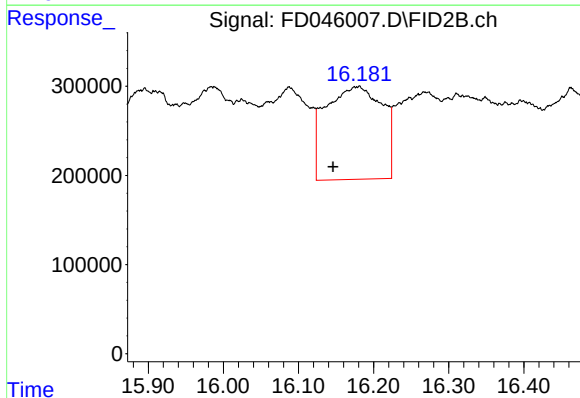
R.T.: 14.610 min
Delta R.T.: 0.007 min
Response: 1326283
Conc: 7.37 ug/ml

Instrument :
FID_D
ClientSampleId :



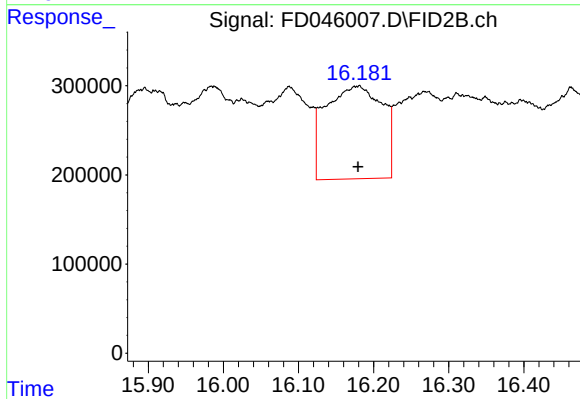
#15 Chrysene (C27.41)

R.T.: 14.654 min
Delta R.T.: 0.008 min
Response: 3305845
Conc: 16.84 ug/ml



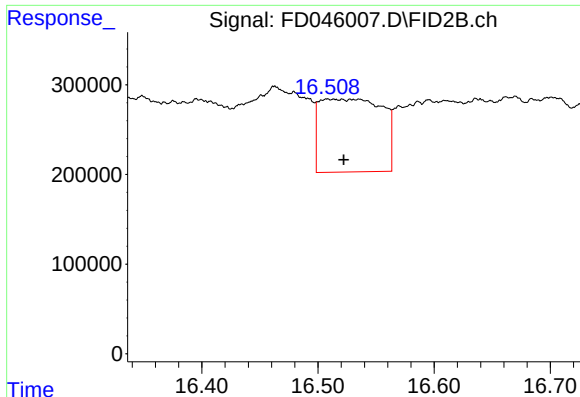
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.179 min
Delta R.T.: 0.033 min
Response: 5475814
Conc: 29.20 ug/ml



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

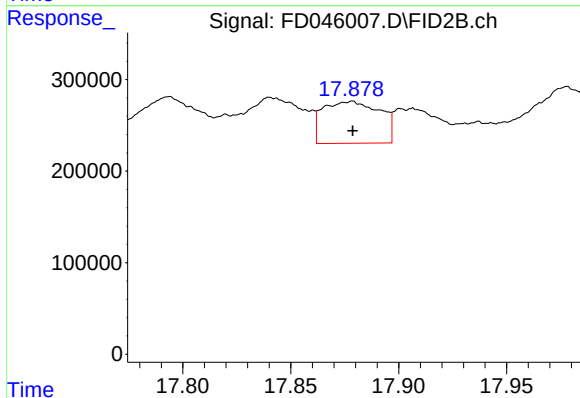
R.T.: 16.179 min
Delta R.T.: 0.000 min
Response: 5475814
Conc: 27.68 ug/ml



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

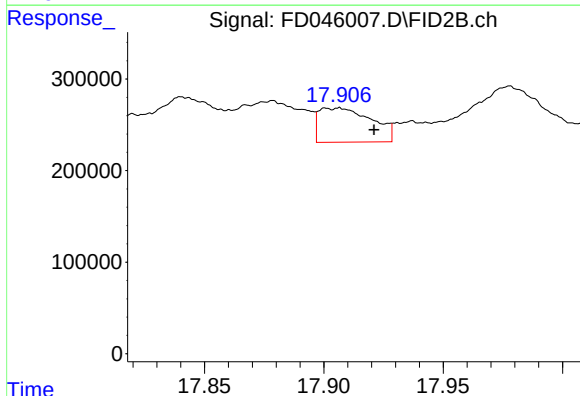
R.T.: 16.510 min
Delta R.T.: -0.012 min
Response: 3048519
Conc: 17.50 ug/ml

Instrument :
FID_D
ClientSampleId :



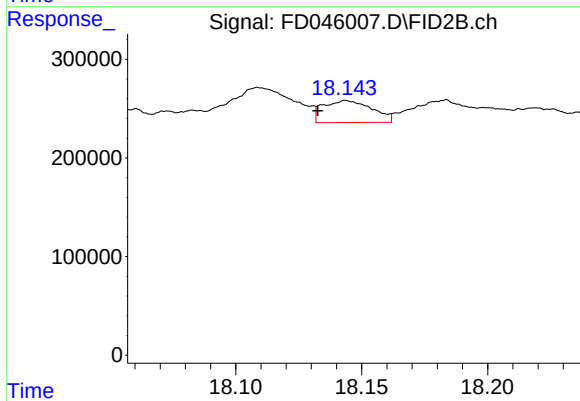
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: -0.001 min
Response: 841512
Conc: 4.52 ug/ml



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

R.T.: 17.905 min
Delta R.T.: -0.016 min
Response: 576992
Conc: 3.14 ug/ml



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

R.T.: 18.144 min
Delta R.T.: 0.012 min
Response: 303592
Conc: 1.62 ug/ml