

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032723AR\
 Data File : FD045352.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2023 10:15
 Operator : YP/AJ
 Sample : 02045-06DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 27 12:56:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.548	1474748	10.867 ug/ml
Spiked Amount 50.000		Recovery =	21.73%
6) S 2-Fluorobiphenyl (SURR)	8.403	919962	10.275 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.55%
11) S ortho-Terphenyl (SURR)	11.443	1047199	6.291 ug/ml
Spiked Amount 50.000		Recovery =	12.58%
Target Compounds			
2) T Naphthalene (C11.7)	5.887	558038	3.532 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	172873	1.088 ug/ml
5) T Acenaphthylene (C15.06)	8.205	250338	1.746 ug/ml
7) T Acenaphthene (C15.5)	8.501	892862	5.891 ug/ml
8) T Fluorene (C16.55)	9.281	1203902	8.177 ug/ml
9) T Phenanthrene (C19.36)	10.673	3207307	22.464 ug/ml
10) T Anthracene (C19.43)	10.745	1204048	8.592 ug/ml
12) T Fluoranthene (C21.85)	12.482	5920731	42.385 ug/ml
13) T Pyrene (C20.8)	12.775	4370722	32.096 ug/ml
14) T Benzo[a]anthracene (C...	14.636	1901438	14.916 ug/ml
15) T Chrysene (C27.41)	14.677	1942355	14.904 ug/ml
16) T benzo[b]fluoranthene ...	16.182	1932006	14.986 ug/ml
17) T Bnezo[k]fluoranthene ...	16.208	717842	5.687 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	1315932	10.456 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.908	810516	6.775 ug/ml
20) T Dibenzo[a,h]anthracene...	17.951	431290	3.576 ug/ml
21) T Benzo[g,h,i]perylene ...	18.159	620204	4.985 ug/ml

(f)=RT Delta > 1/2 Window

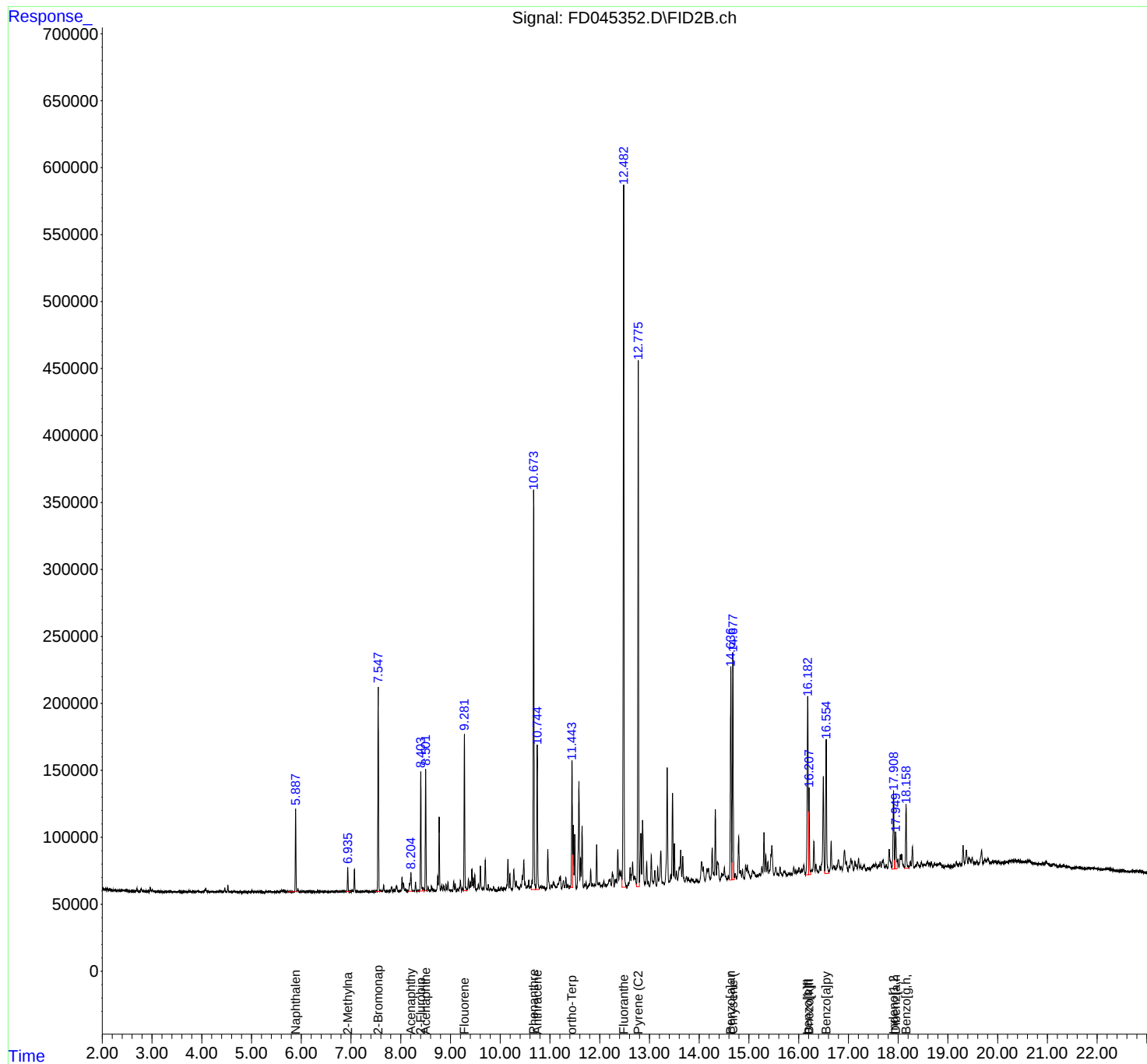
(m)=manual int.

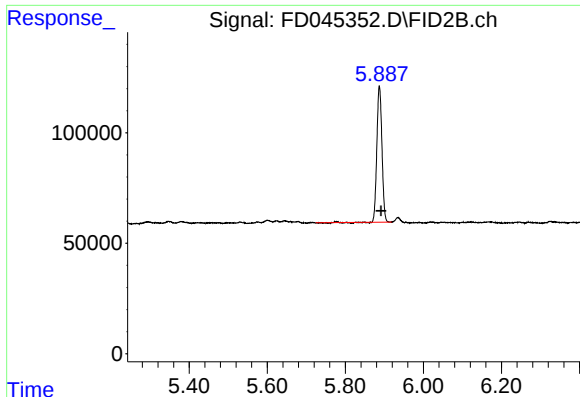
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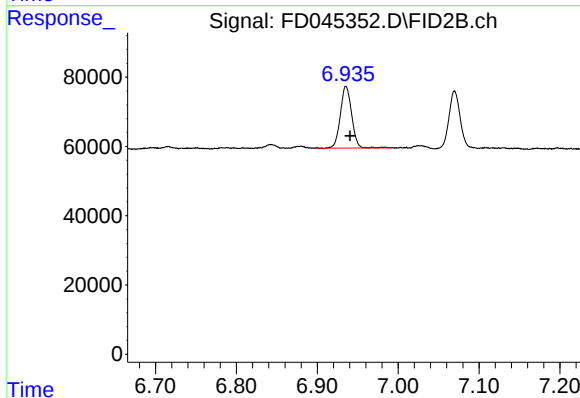




#2 Naphthalene (C11.7)

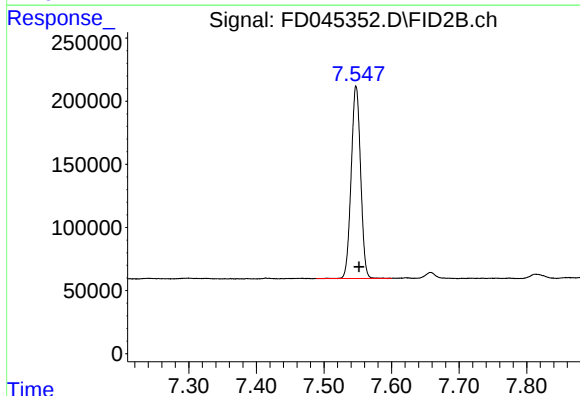
R.T.: 5.887 min
Delta R.T.: -0.004 min
Response: 558038
Conc: 3.53 ug/ml

Instrument :
FID_D
ClientSampleId :



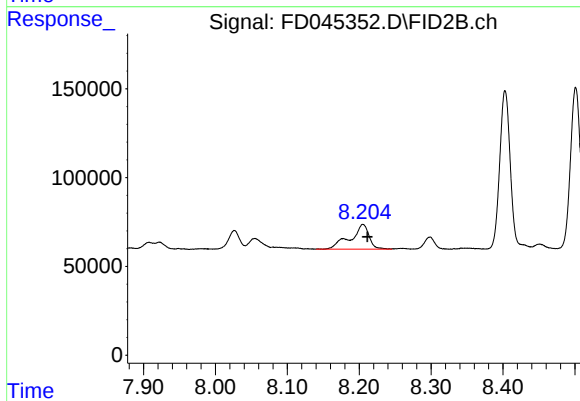
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 172873
Conc: 1.09 ug/ml



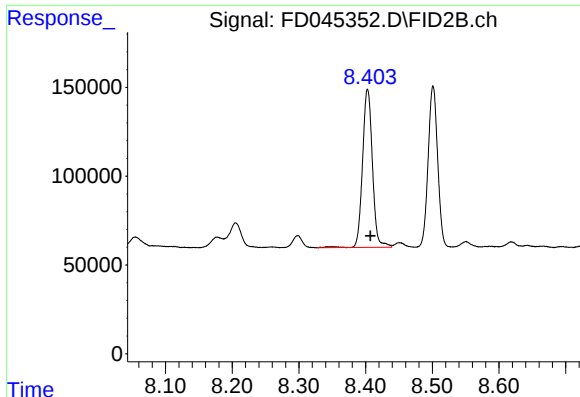
#4 2-Bromonaphthalene (SURR)

R.T.: 7.548 min
Delta R.T.: -0.004 min
Response: 1474748
Conc: 10.87 ug/ml



#5 Acenaphthylene (C15.06)

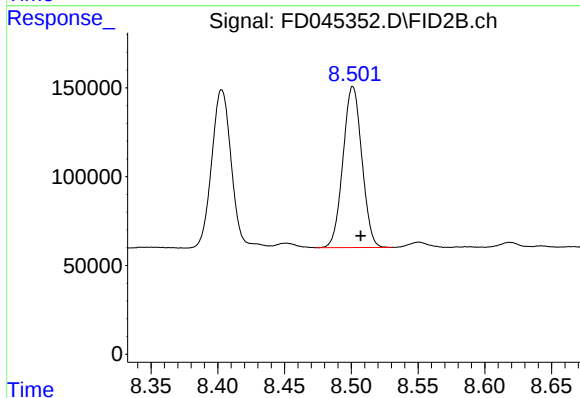
R.T.: 8.205 min
Delta R.T.: -0.006 min
Response: 250338
Conc: 1.75 ug/ml



#6 2-Fluorobiphenyl (SURR)

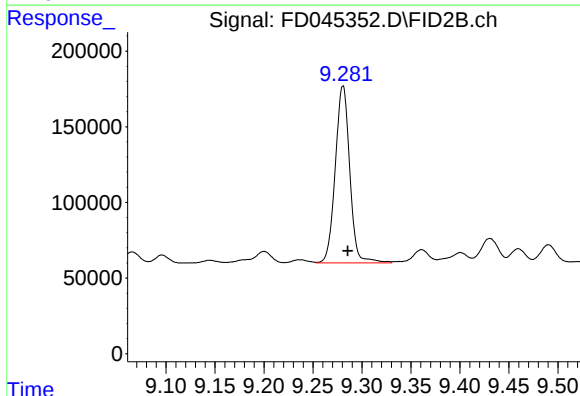
R.T.: 8.403 min
Delta R.T.: -0.004 min
Response: 919962
Conc: 10.27 ug/ml

Instrument :
FID_D
ClientSampleId :



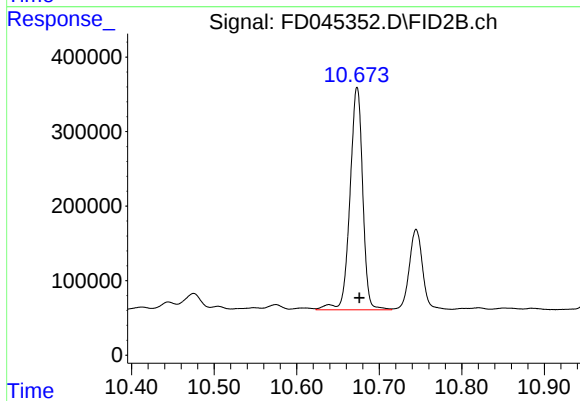
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: -0.006 min
Response: 892862
Conc: 5.89 ug/ml



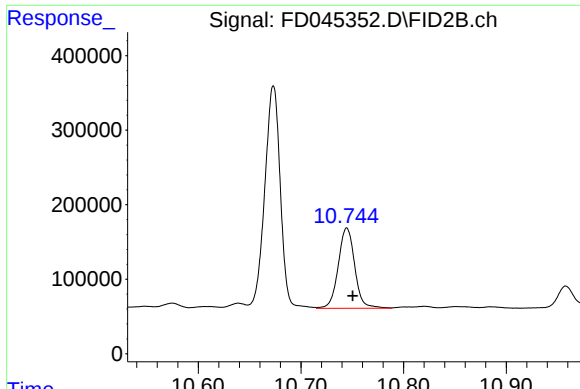
#8 Flouorene (C16.55)

R.T.: 9.281 min
Delta R.T.: -0.005 min
Response: 1203902
Conc: 8.18 ug/ml



#9 Phenanthrene (C19.36)

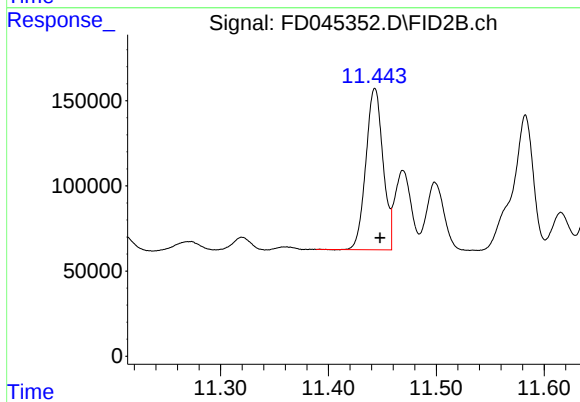
R.T.: 10.673 min
Delta R.T.: -0.003 min
Response: 3207307
Conc: 22.46 ug/ml



#10 Anthracene (C19.43)

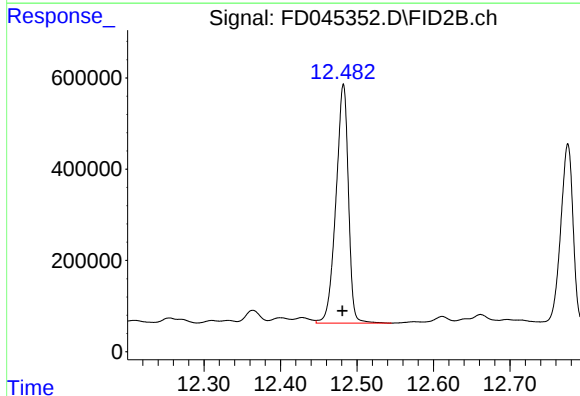
R.T.: 10.745 min
Delta R.T.: -0.006 min
Response: 1204048
Conc: 8.59 ug/ml

Instrument :
FID_D
ClientSampleId :



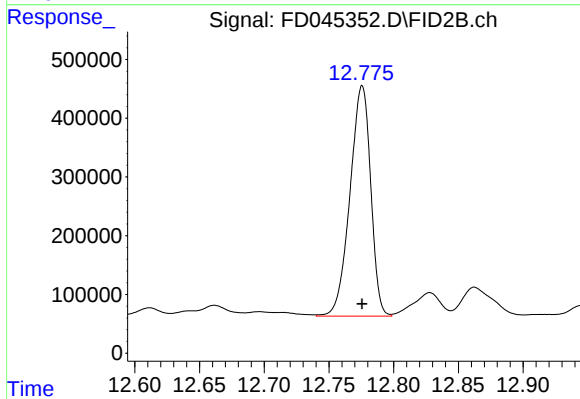
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: -0.005 min
Response: 1047199
Conc: 6.29 ug/ml



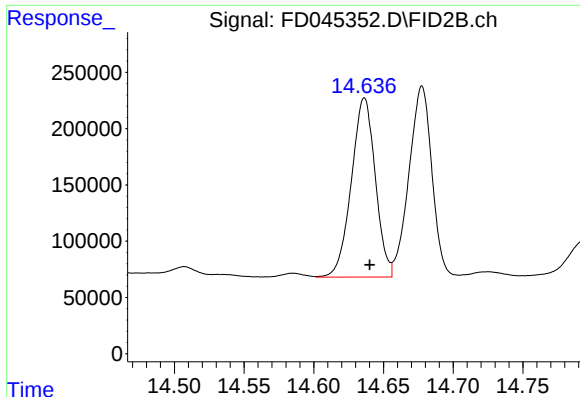
#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: 0.001 min
Response: 5920731
Conc: 42.38 ug/ml



#13 Pyrene (C20.8)

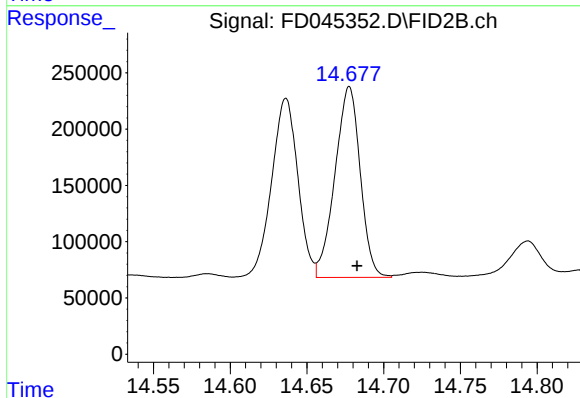
R.T.: 12.775 min
Delta R.T.: 0.000 min
Response: 4370722
Conc: 32.10 ug/ml



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

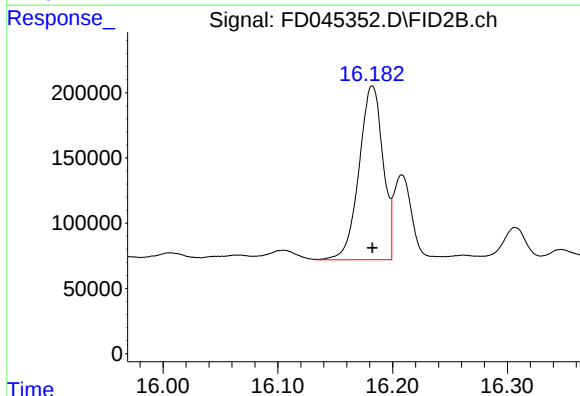
R.T.: 14.636 min
Delta R.T.: -0.004 min
Response: 1901438
Conc: 14.92 ug/ml

Instrument :
FID_D
ClientSampleId :



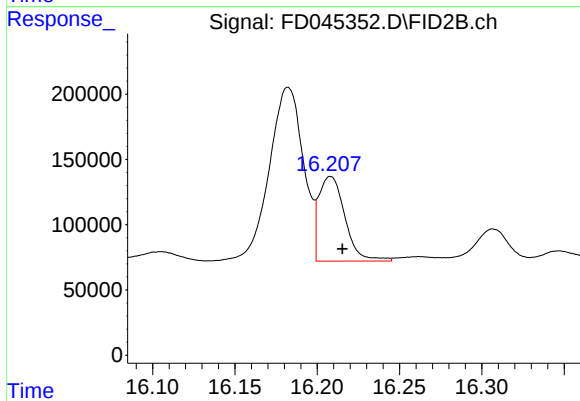
#15 Chrysene (C27.41)

R.T.: 14.677 min
Delta R.T.: -0.005 min
Response: 1942355
Conc: 14.90 ug/ml



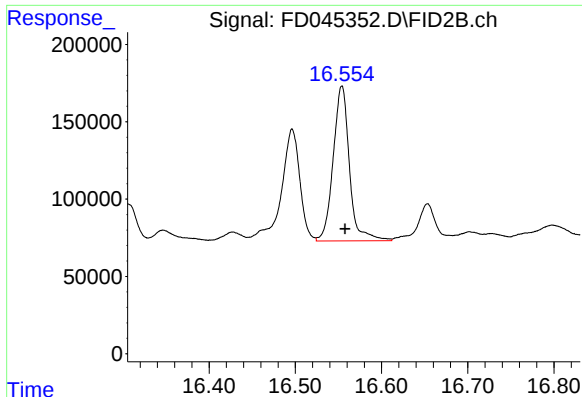
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.182 min
Delta R.T.: 0.000 min
Response: 1932006
Conc: 14.99 ug/ml



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

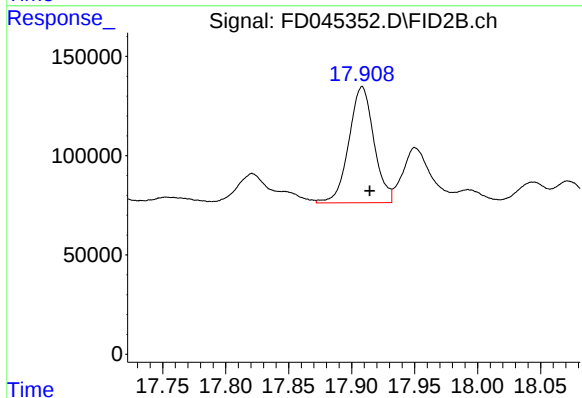
R.T.: 16.208 min
Delta R.T.: -0.007 min
Response: 717842
Conc: 5.69 ug/ml



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

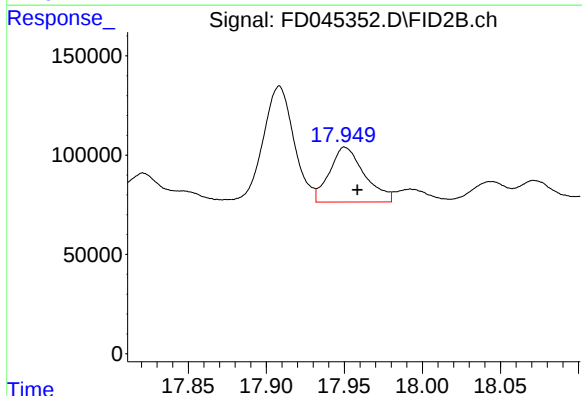
R.T.: 16.554 min
Delta R.T.: -0.004 min
Response: 1315932
Conc: 10.46 ug/ml

Instrument :
FID_D
ClientSampleId :



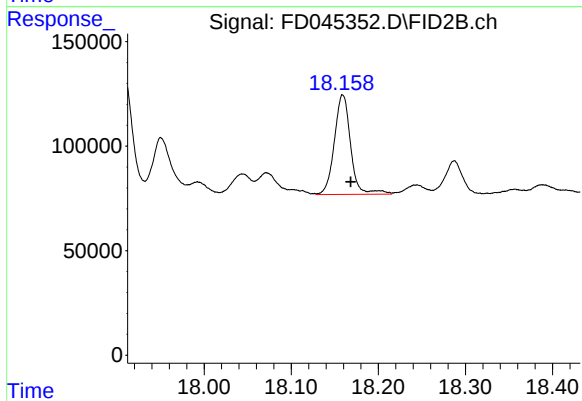
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.908 min
Delta R.T.: -0.006 min
Response: 810516
Conc: 6.78 ug/ml



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

R.T.: 17.951 min
Delta R.T.: -0.008 min
Response: 431290
Conc: 3.58 ug/ml



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

R.T.: 18.159 min
Delta R.T.: -0.009 min
Response: 620204
Conc: 4.98 ug/ml