

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046006.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 20:17
 Operator : YP/AJ
 Sample : 03362-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 02:46:31 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...	7.522	8207539	38.086 ug/ml
Spiked Amount 50.000		Recovery =	76.17%
6) S 2-Fluorobiphenyl (SURR)	8.377	5378885	38.864 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.73%
11) S ortho-Terphenyl (SURR)	11.420	7268212	28.669 ug/ml
Spiked Amount 50.000		Recovery =	57.34%
Target Compounds			
2) T Naphthalene (C11.7)	5.858	276027	1.082 ug/ml
3) T 2-Methylnaphthalene (...)	6.906	254015	1.008 ug/ml
5) T Acenaphthylene (C15.06)	8.178	876481	4.035 ug/ml
7) T Acenaphthene (C15.5)	8.472	1392313	5.907 ug/ml
8) T Fluorene (C16.55)	9.251	1308590	5.784 ug/ml
9) T Phenanthrene (C19.36)	10.655	14776707	69.252 ug/ml
10) T Anthracene (C19.43)	10.721	4437511	27.928 ug/ml
12) T Fluoranthene (C21.85)	12.476	28649147	139.989 ug/ml
13) T Pyrene (C20.8)	12.769	24331486	125.139 ug/ml
14) T Benzo[a]anthracene (C...	14.622	11132335	61.900 ug/ml
15) T Chrysene (C27.41)	14.667	10433358	53.157 ug/ml
16) T benzo[b]fluoranthene ...	16.172	11457475	61.088 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	11457475	57.922 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	8626650	49.513 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.897	5195290	27.916 ug/ml
20) T Dibenz[a,h]anthracene...	17.931	1190325	6.474 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	4224534	22.609 ug/ml

(f)=RT Delta > 1/2 Window

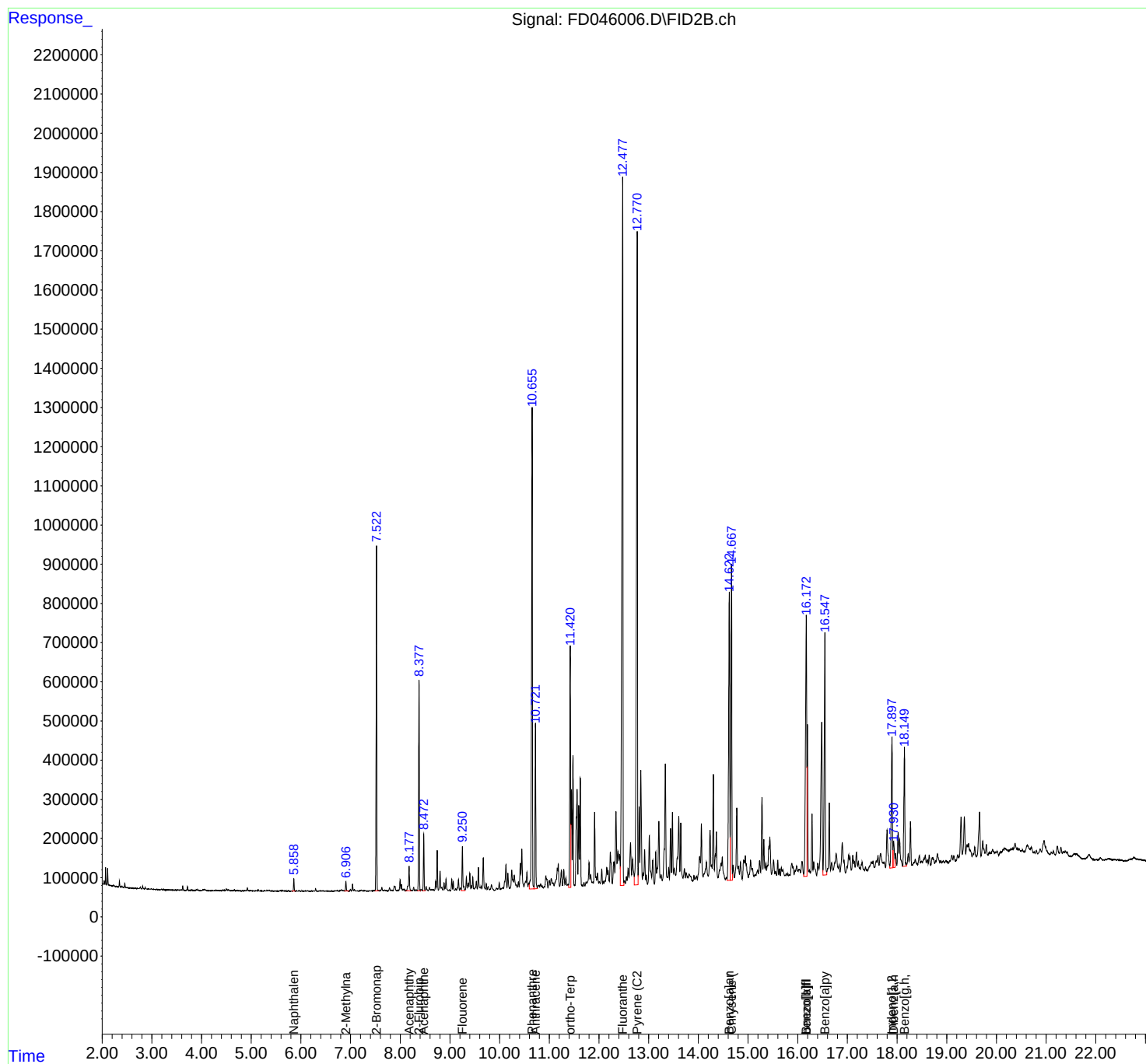
(m)=manual int.

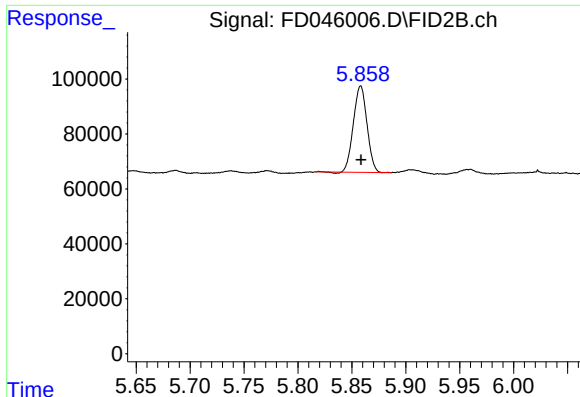
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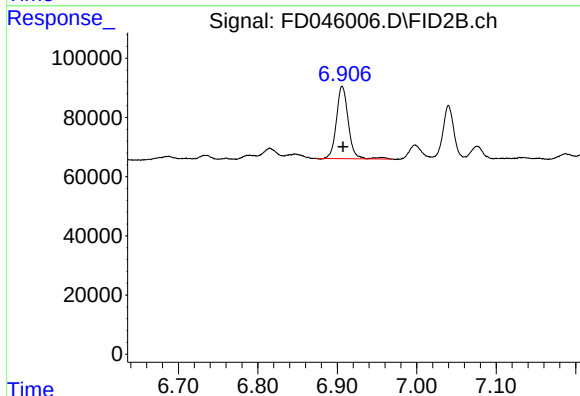




#2 Naphthalene (C11.7)

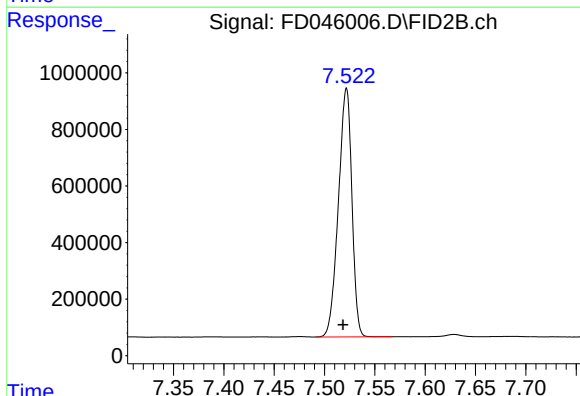
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 276027
Conc: 1.08 ug/ml

Instrument :
FID_D
ClientSampleId :



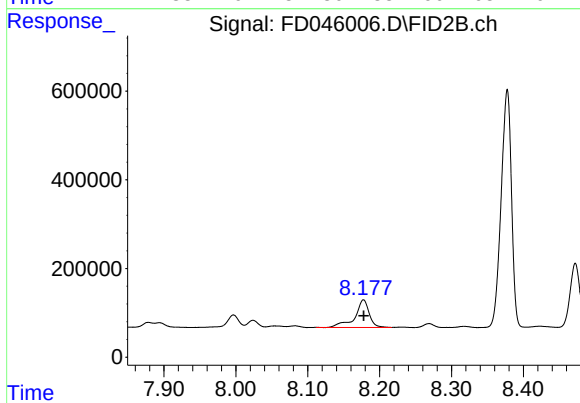
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 254015
Conc: 1.01 ug/ml



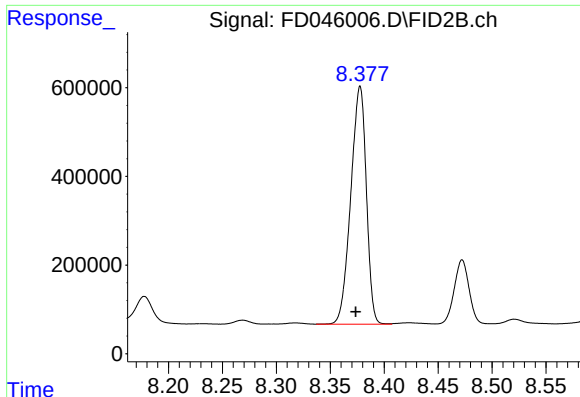
#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min
Delta R.T.: 0.003 min
Response: 8207539
Conc: 38.09 ug/ml



#5 Acenaphthylene (C15.06)

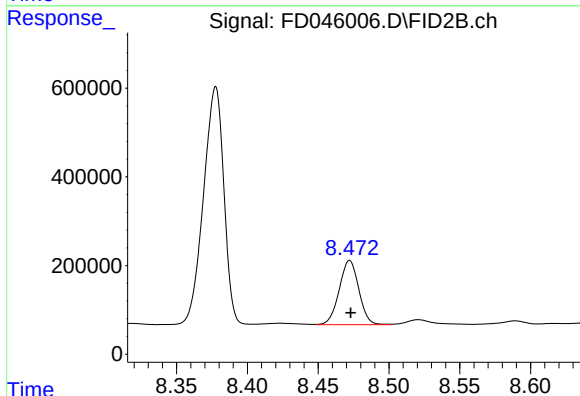
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 876481
Conc: 4.04 ug/ml



#6 2-Fluorobiphenyl (SURR)

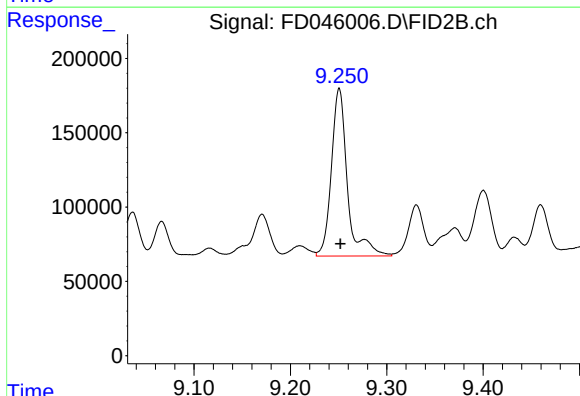
R.T.: 8.377 min
Delta R.T.: 0.004 min
Response: 5378885
Conc: 38.86 ug/ml

Instrument :
FID_D
ClientSampleId :



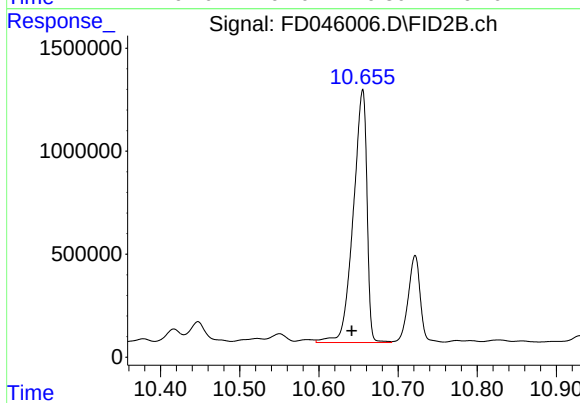
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 1392313
Conc: 5.91 ug/ml



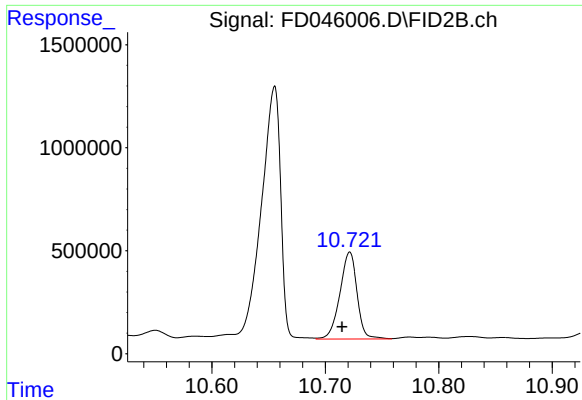
#8 Flouorene (C16.55)

R.T.: 9.251 min
Delta R.T.: -0.001 min
Response: 1308590
Conc: 5.78 ug/ml



#9 Phenanthrene (C19.36)

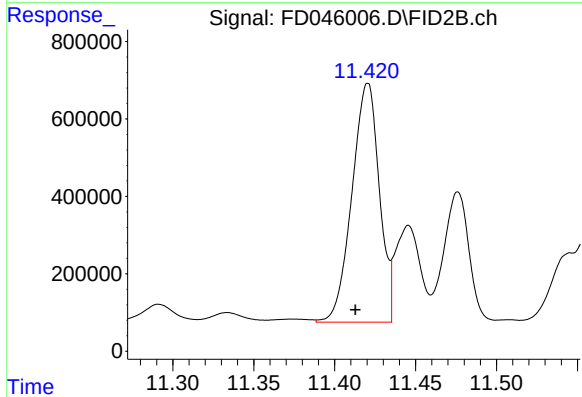
R.T.: 10.655 min
Delta R.T.: 0.013 min
Response: 14776707
Conc: 69.25 ug/ml



#10 Anthracene (C19.43)

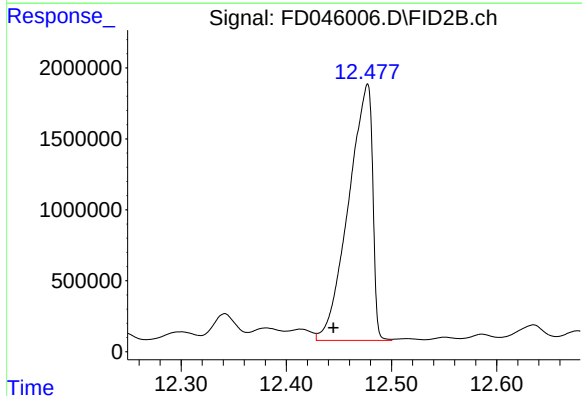
R.T.: 10.721 min
Delta R.T.: 0.006 min
Response: 4437511
Conc: 27.93 ug/ml

Instrument :
FID_D
ClientSampleId :



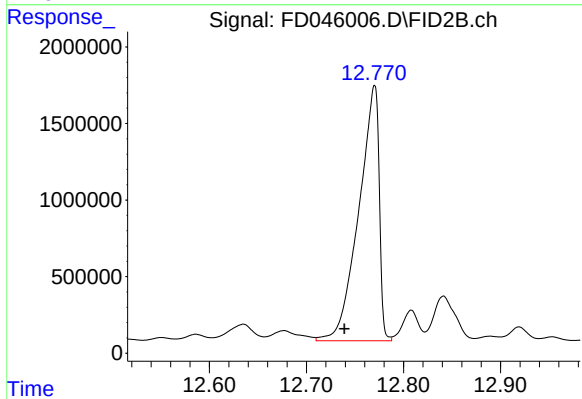
#11 ortho-Terphenyl (SURR)

R.T.: 11.420 min
Delta R.T.: 0.007 min
Response: 7268212
Conc: 28.67 ug/ml



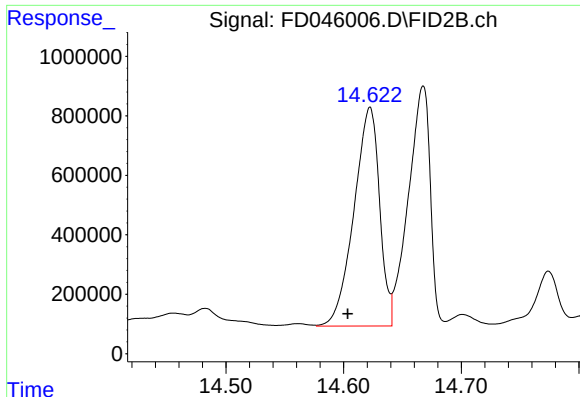
#12 Fluoranthene (C21.85)

R.T.: 12.476 min
Delta R.T.: 0.031 min
Response: 28649147
Conc: 139.99 ug/ml



#13 Pyrene (C20.8)

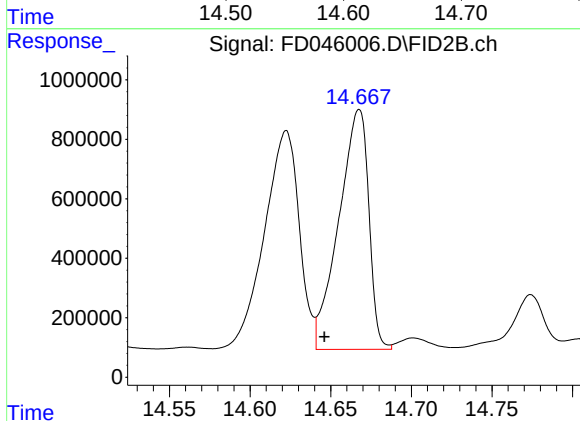
R.T.: 12.769 min
Delta R.T.: 0.030 min
Response: 24331486
Conc: 125.14 ug/ml



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

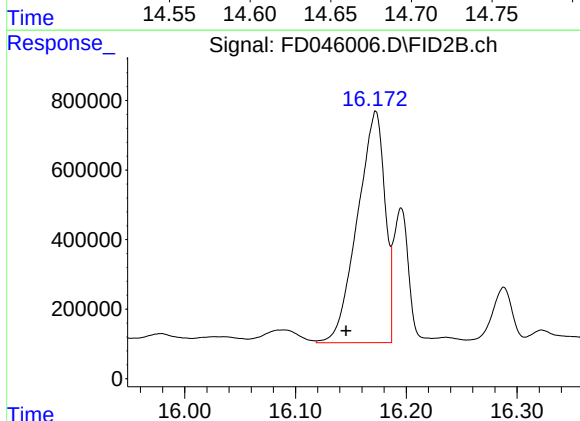
R.T.: 14.622 min
Delta R.T.: 0.019 min
Response: 11132335
Conc: 61.90 ug/ml

Instrument :
FID_D
ClientSampleId :



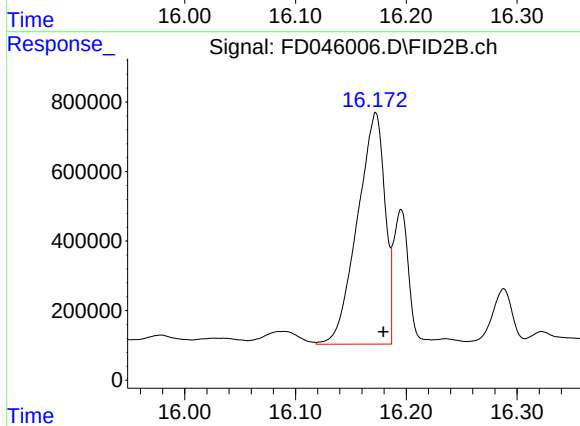
#15 Chrysene (C27.41)

R.T.: 14.667 min
Delta R.T.: 0.021 min
Response: 10433358
Conc: 53.16 ug/ml



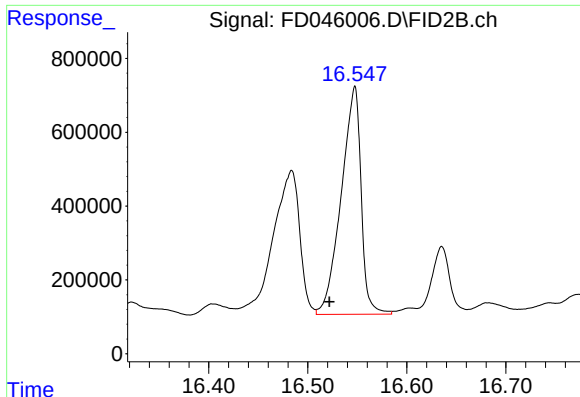
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.172 min
Delta R.T.: 0.026 min
Response: 11457475
Conc: 61.09 ug/ml



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

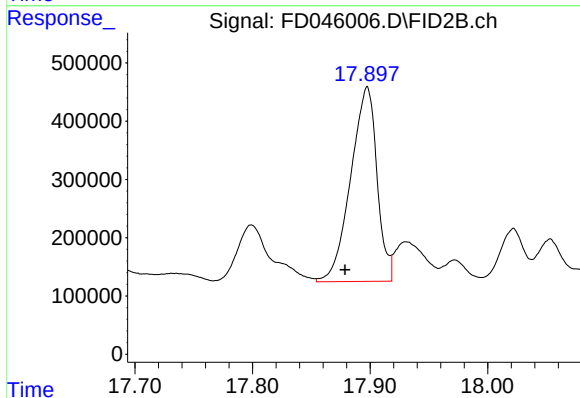
R.T.: 16.172 min
Delta R.T.: -0.007 min
Response: 11457475
Conc: 57.92 ug/ml



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

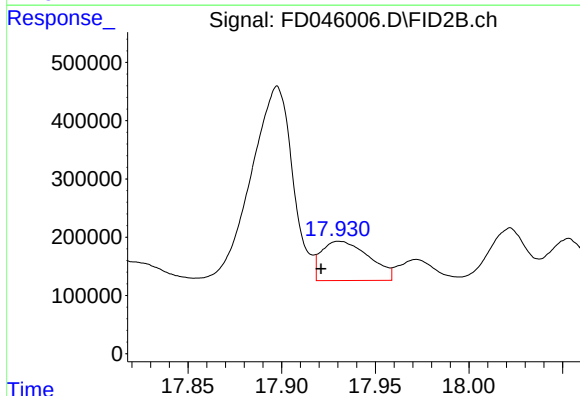
R.T.: 16.547 min
Delta R.T.: 0.025 min
Response: 8626650
Conc: 49.51 ug/ml

Instrument :
FID_D
ClientSampleId :



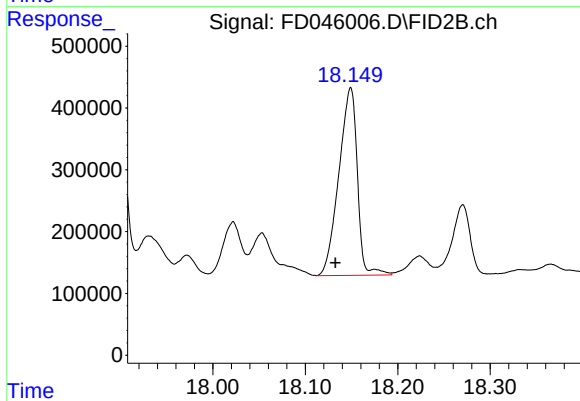
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.897 min
Delta R.T.: 0.019 min
Response: 5195290
Conc: 27.92 ug/ml



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

R.T.: 17.931 min
Delta R.T.: 0.010 min
Response: 1190325
Conc: 6.47 ug/ml



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

R.T.: 18.149 min
Delta R.T.: 0.016 min
Response: 4224534
Conc: 22.61 ug/ml