

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047922.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2024 23:15
 Operator : YP/AJ
 Sample : P2847-05
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 13 05:25:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 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...	7.429	8075892	57.524 ug/ml
Spiked Amount 50.000		Recovery =	115.05%
6) S 2-Fluorobiphenyl (SURR)	8.341	63670	0.687 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	1.37%
11) S ortho-Terphenyl (SURR)	11.321	11782461	73.693 ug/ml
Spiked Amount 50.000		Recovery =	147.39%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.092	71589	0.438 ug/ml
7) T Acenaphthene (C15.5)	8.380	47130	0.289 ug/ml
8) T Flouorene (C16.55)	9.171	228123	1.450 ug/ml
9) T Phenanthrene (C19.36)	10.546	5872589	38.083 ug/ml
10) T Anthracene (C19.43)	10.625	4002784	26.626 ug/ml
12) T Fluoranthene (C21.85)	12.403	5153383	33.959 ug/ml
13) T Pyrene (C20.8)	12.708	3401711	22.565 ug/ml
14) T Benzo[a]anthracene (C...	14.555	3779280	27.569 ug/ml
15) T Chrysene (C27.41)	14.611	1107322	7.517 ug/ml
16) T benzo[b]fluoranthene ...	16.089	1217396	8.650 ug/ml
17) T Bnezo[k]fluoranthene ...	16.089	1217396	8.940 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.468	225473	1.629 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	859477	7.455 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	881837	6.613 ug/ml
21) T Benzo[g,h,i]perylene ...	18.047	1699887	12.782 ug/ml

(f)=RT Delta > 1/2 Window

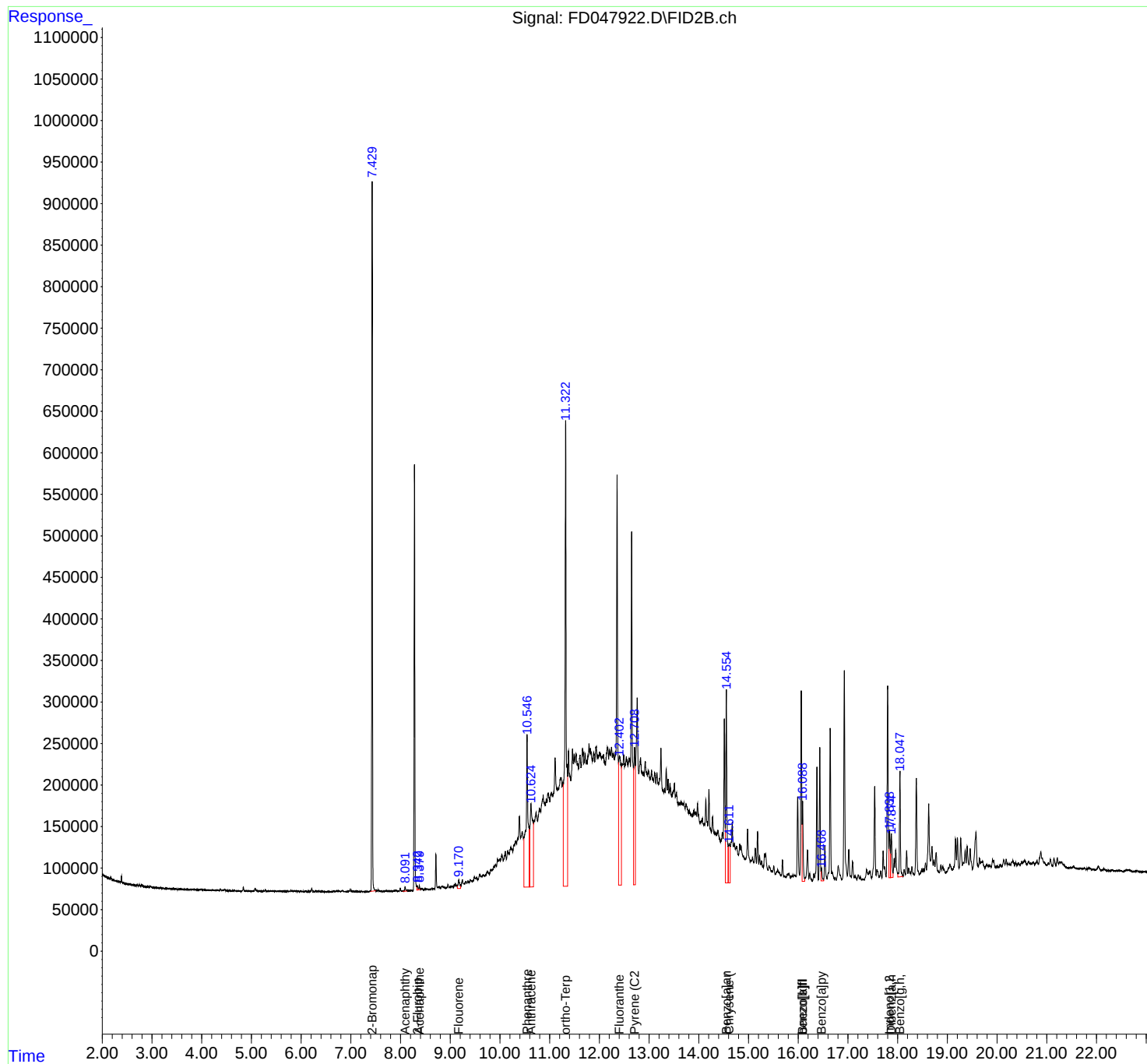
(m)=manual int.

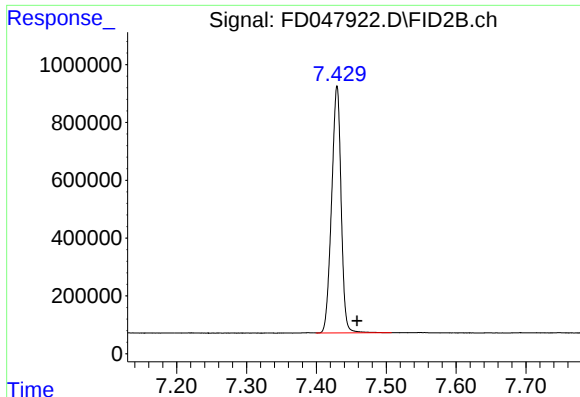
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
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Signal Info : 20M x 0.18mm x 0.18µm

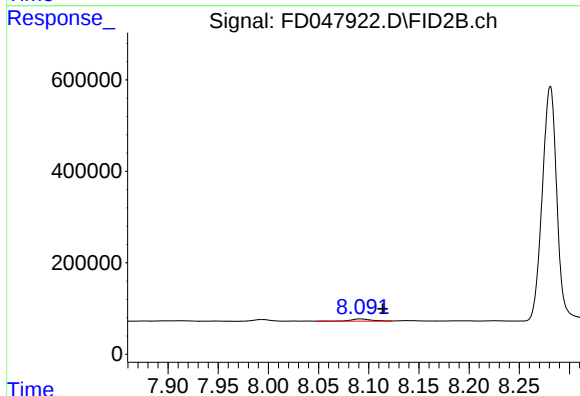




#4 2-Bromonaphthalene (SURRE)

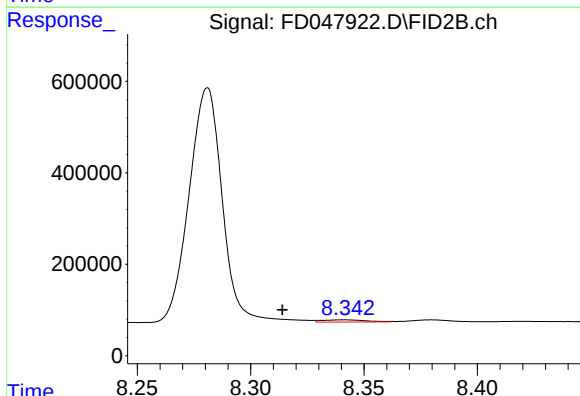
R.T.: 7.429 min
Delta R.T.: -0.029 min
Response: 8075892
Conc: 57.52 ug/ml

Instrument :
FID_D
ClientSampleId :



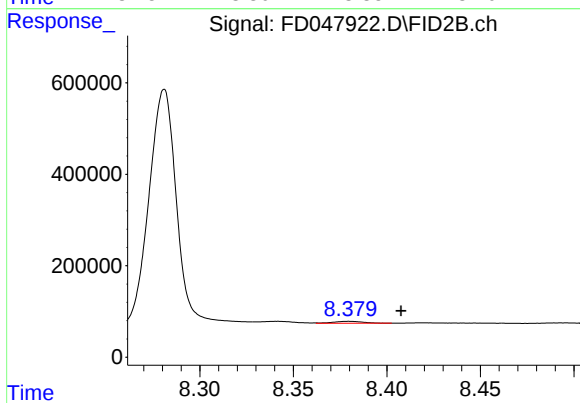
#5 Acenaphthylene (C15.06)

R.T.: 8.092 min
Delta R.T.: -0.022 min
Response: 71589
Conc: 0.44 ug/ml



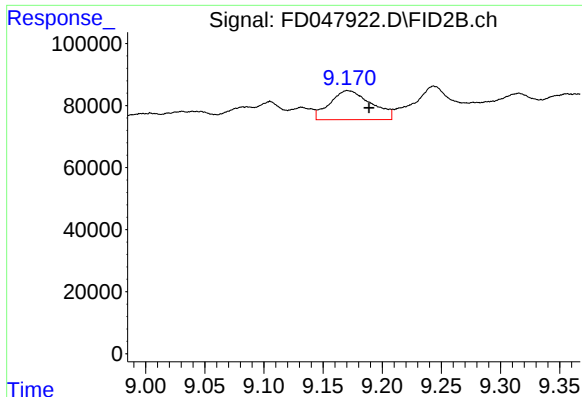
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.341 min
Delta R.T.: 0.027 min
Response: 63670
Conc: 0.69 ug/ml



#7 Acenaphthene (C15.5)

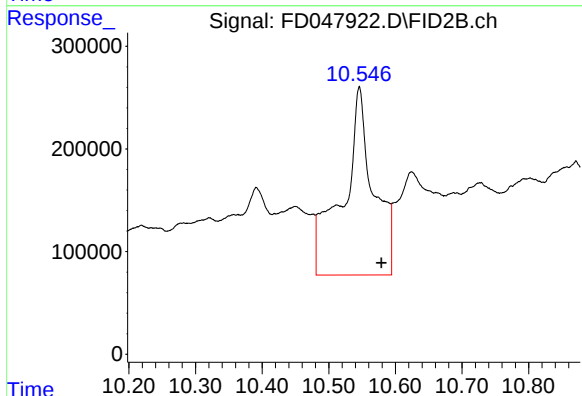
R.T.: 8.380 min
Delta R.T.: -0.028 min
Response: 47130
Conc: 0.29 ug/ml



#8 Fluorene (C16.55)

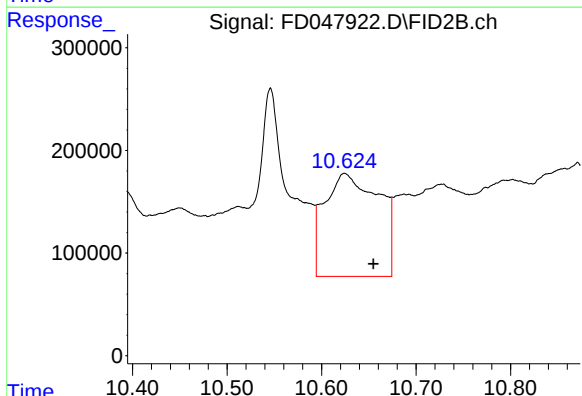
R.T.: 9.171 min
Delta R.T.: -0.018 min
Response: 228123
Conc: 1.45 ug/ml

Instrument :
FID_D
ClientSampleId :



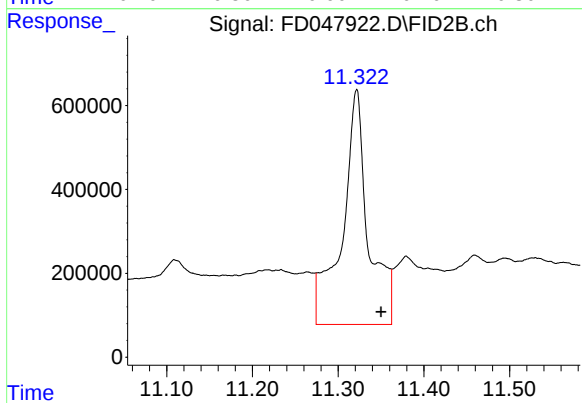
#9 Phenanthrene (C19.36)

R.T.: 10.546 min
Delta R.T.: -0.033 min
Response: 5872589
Conc: 38.08 ug/ml



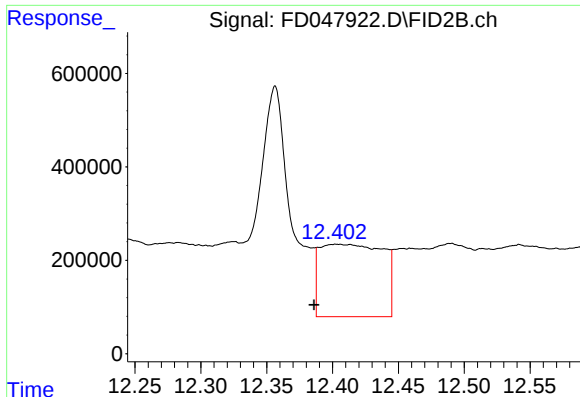
#10 Anthracene (C19.43)

R.T.: 10.625 min
Delta R.T.: -0.030 min
Response: 4002784
Conc: 26.63 ug/ml



#11 ortho-Terphenyl (SURR)

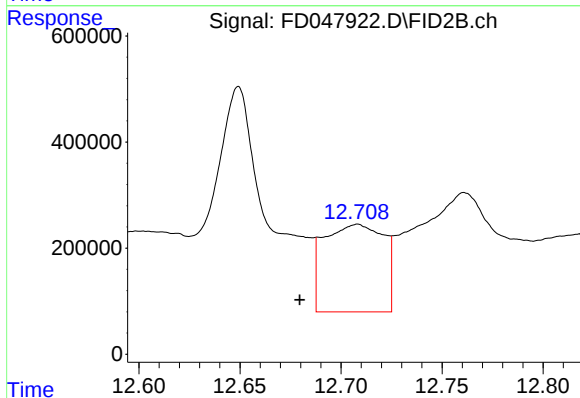
R.T.: 11.321 min
Delta R.T.: -0.029 min
Response: 11782461
Conc: 73.69 ug/ml



#12 Fluoranthene (C21.85)

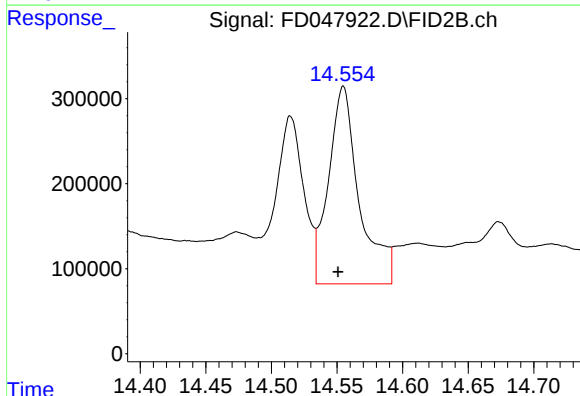
R.T.: 12.403 min
Delta R.T.: 0.017 min
Response: 5153383
Conc: 33.96 ug/ml

Instrument :
FID_D
ClientSampleId :



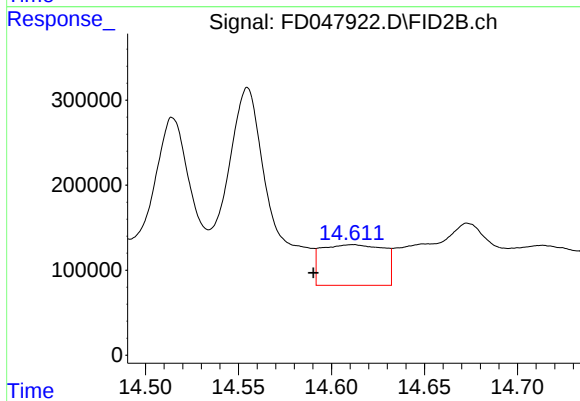
#13 Pyrene (C20.8)

R.T.: 12.708 min
Delta R.T.: 0.028 min
Response: 3401711
Conc: 22.56 ug/ml



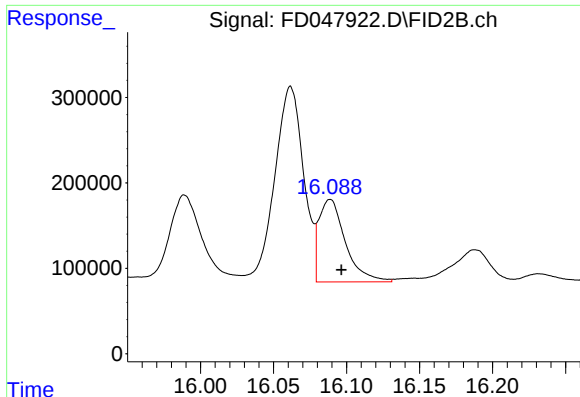
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.555 min
Delta R.T.: 0.004 min
Response: 3779280
Conc: 27.57 ug/ml



#15 Chrysene (C27.41)

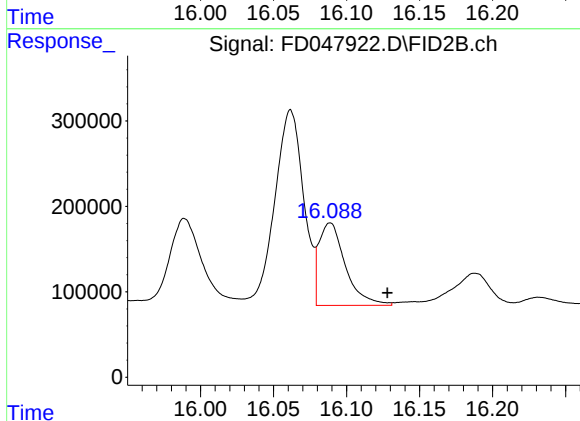
R.T.: 14.611 min
Delta R.T.: 0.021 min
Response: 1107322
Conc: 7.52 ug/ml



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

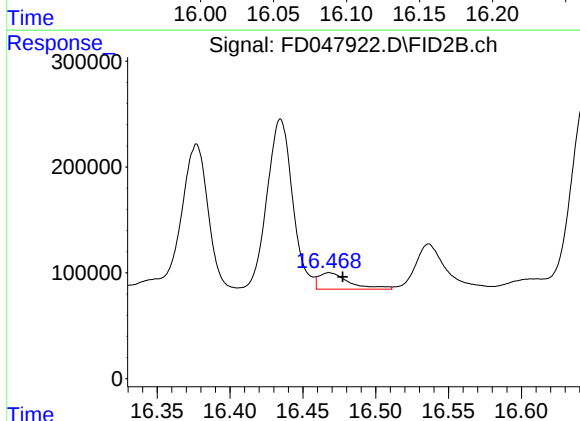
R.T.: 16.089 min
Delta R.T.: -0.008 min
Response: 1217396
Conc: 8.65 ug/ml

Instrument :
FID_D
ClientSampleId :



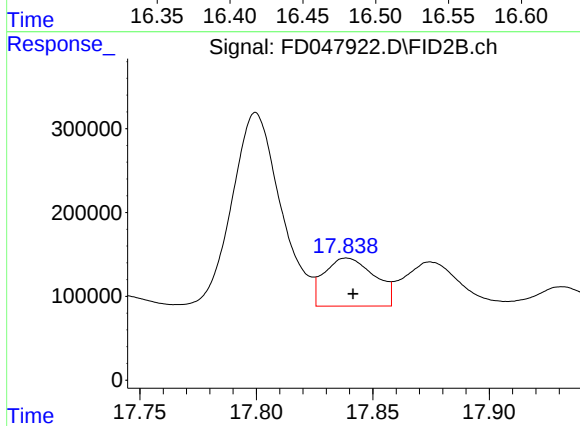
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.089 min
Delta R.T.: -0.039 min
Response: 1217396
Conc: 8.94 ug/ml



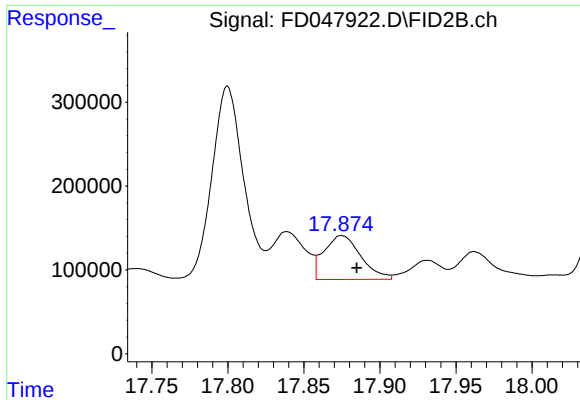
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.468 min
Delta R.T.: -0.009 min
Response: 225473
Conc: 1.63 ug/ml



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

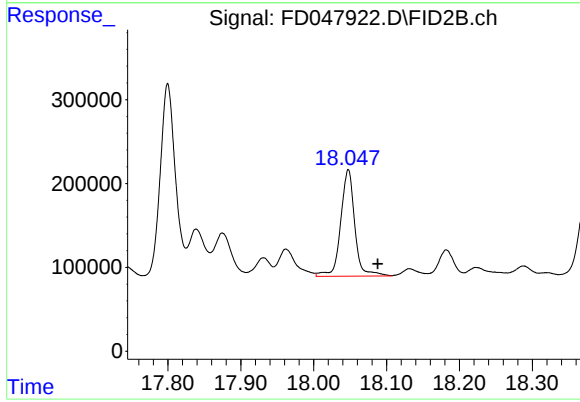
R.T.: 17.839 min
Delta R.T.: -0.003 min
Response: 859477
Conc: 7.46 ug/ml



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

R.T.: 17.875 min
Delta R.T.: -0.010 min
Response: 881837
Conc: 6.61 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.047 min
Delta R.T.: -0.041 min
Response: 1699887
Conc: 12.78 ug/ml