

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112923AR\
 Data File : FD046979.D
 Signal(s) : FID2B.ch
 Acq On : 29 Nov 2023 18:39
 Operator : YP/AJ
 Sample : 05550-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 29 23:48:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.477	7573733	43.778 ug/ml
Spiked Amount 50.000		Recovery =	87.56%
6) S 2-Fluorobiphenyl (SURR)	8.329	4519150	41.559 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.12%
11) S ortho-Terphenyl (SURR)	11.368	8166195	41.037 ug/ml
Spiked Amount 50.000		Recovery =	82.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.291	146668	0.788 ug/ml
2) T Naphthalene (C11.7)	5.817	195309	1.026 ug/ml
3) T 2-Methylnaphthalene (...)	6.867	582248	3.024 ug/ml
5) T Acenaphthylene (C15.06)	8.130	136788	0.786 ug/ml
7) T Acenaphthene (C15.5)	8.391	71674	0.386 ug/ml
12) T Fluoranthene (C21.85)	12.361	34754	0.219 ug/ml
14) T Benzo[a]anthracene (C...	14.611f	66168	0.510 ug/ml
15) T Chrysene (C27.41)	14.611	66168	0.462 ug/ml
16) T benzo[b]fluoranthene ...	16.111	23877	0.179 ug/ml
17) T Bnezo[k]fluoranthene ...	16.111	23877	0.175 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.490	59243	0.452 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	143767	1.205 ug/ml
20) T Dibenz[a,h]anthracene...	17.879	329838	2.538 ug/ml
21) T Benzo[g,h,i]perylene ...	18.084	102624	0.784 ug/ml

(f)=RT Delta > 1/2 Window

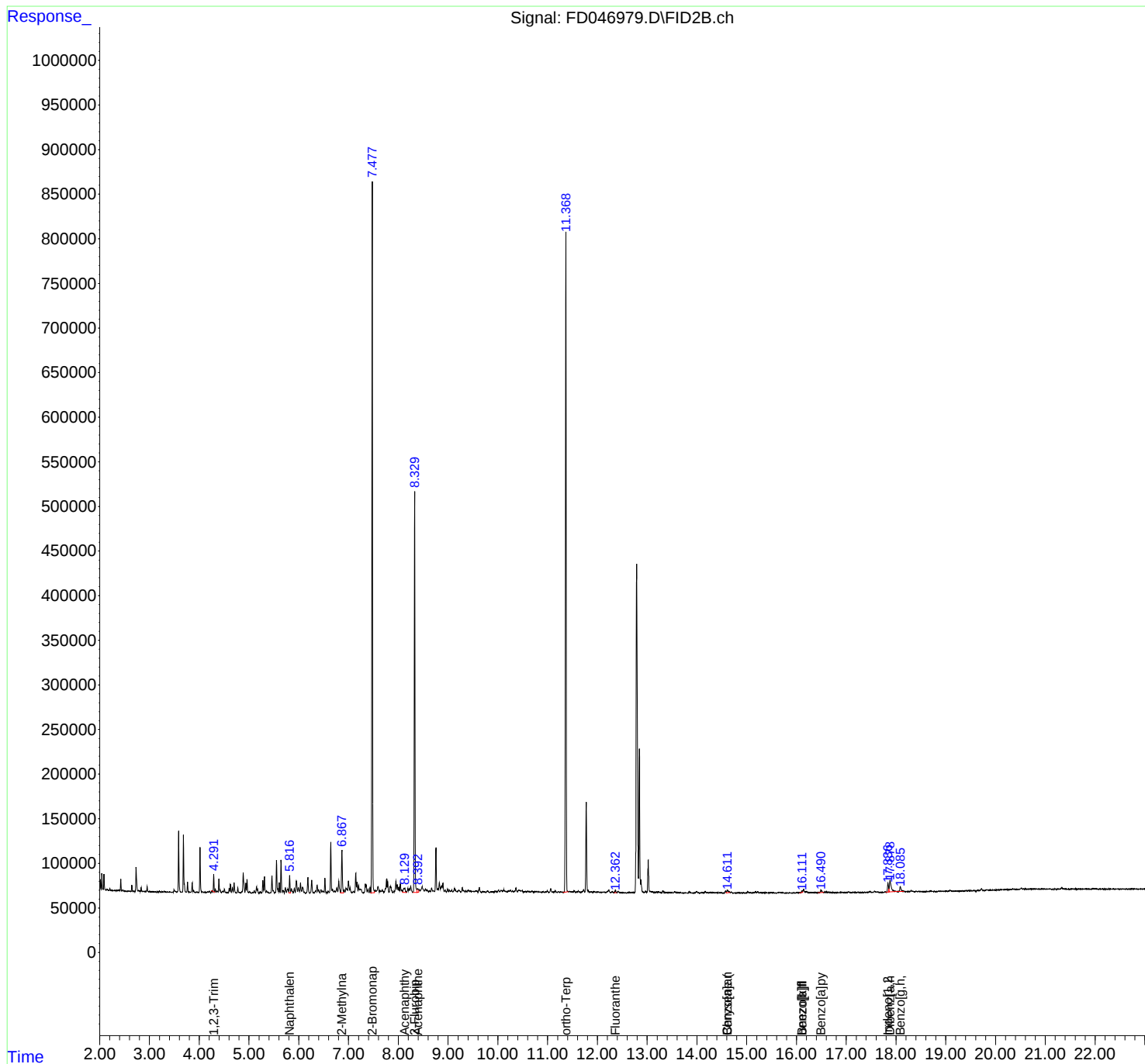
(m)=manual int.

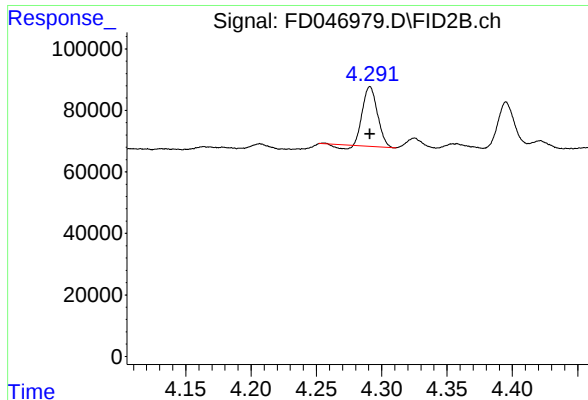
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Signal Info : 20M x 0.18mm x 0.18µm

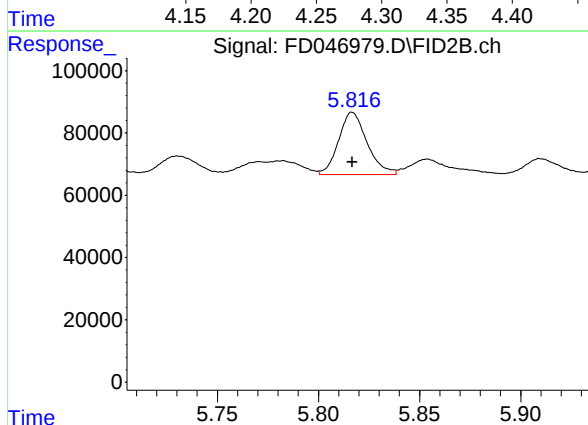




#1 1,2,3-Trimethylbenzene (C10.1)

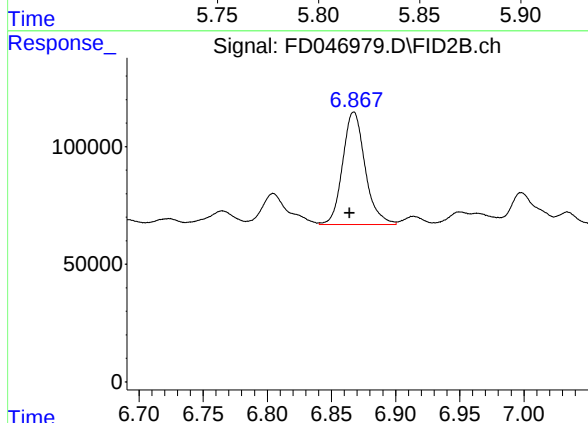
R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 146668
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



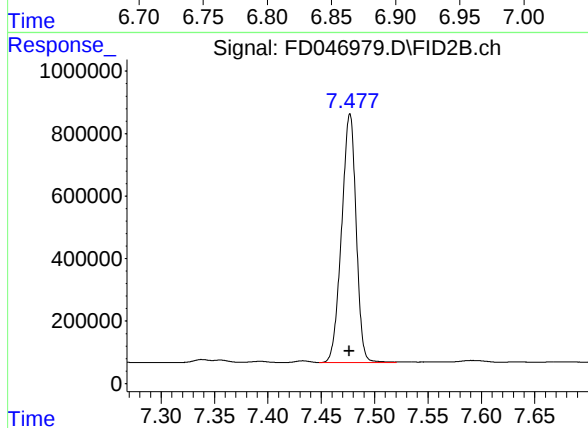
#2 Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 195309
Conc: 1.03 ug/ml



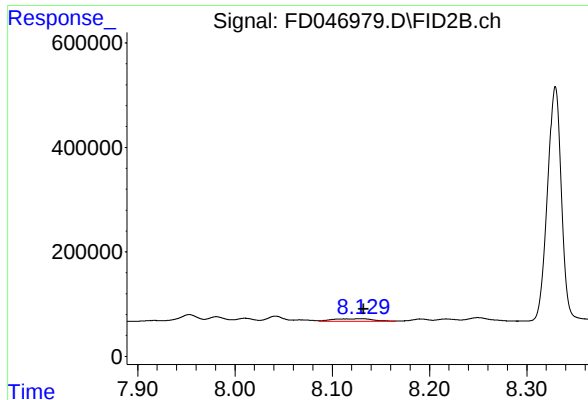
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.867 min
Delta R.T.: 0.003 min
Response: 582248
Conc: 3.02 ug/ml



#4 2-Bromonaphthalene (SURR)

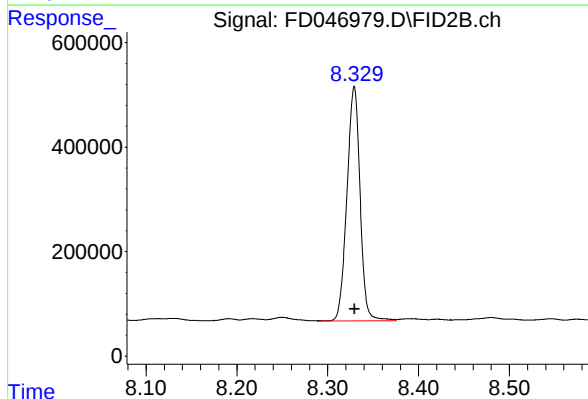
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 7573733
Conc: 43.78 ug/ml



#5 Acenaphthylene (C15.06)

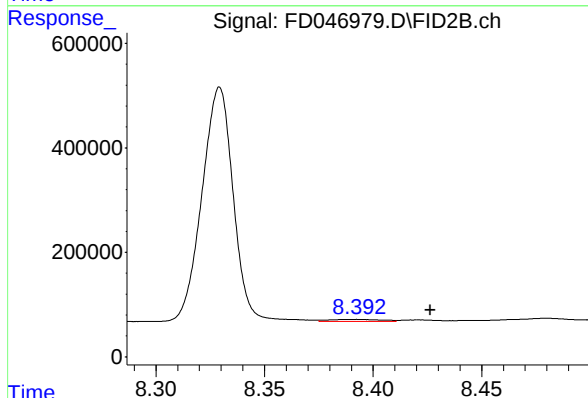
R.T.: 8.130 min
Delta R.T.: -0.002 min
Response: 136788
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



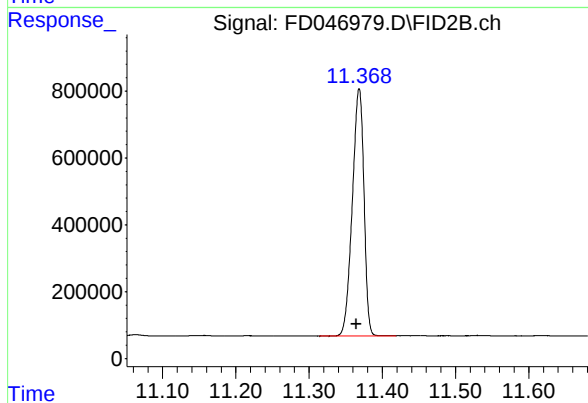
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 4519150
Conc: 41.56 ug/ml



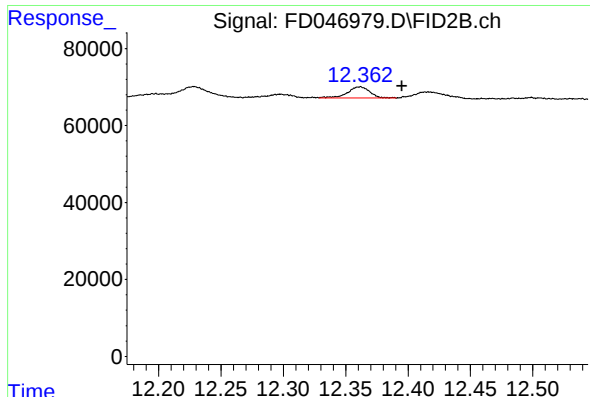
#7 Acenaphthene (C15.5)

R.T.: 8.391 min
Delta R.T.: -0.035 min
Response: 71674
Conc: 0.39 ug/ml



#11 ortho-Terphenyl (SURR)

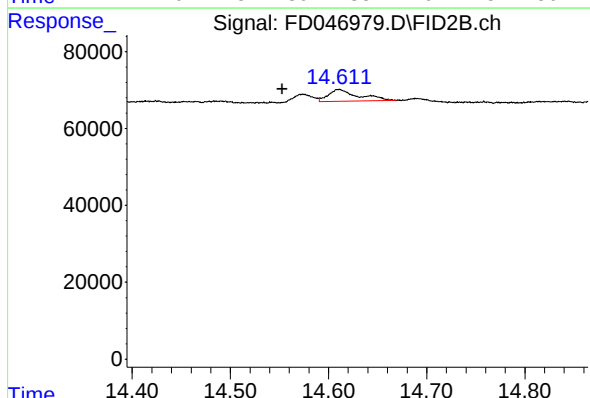
R.T.: 11.368 min
Delta R.T.: 0.004 min
Response: 8166195
Conc: 41.04 ug/ml



#12 Fluoranthene (C21.85)

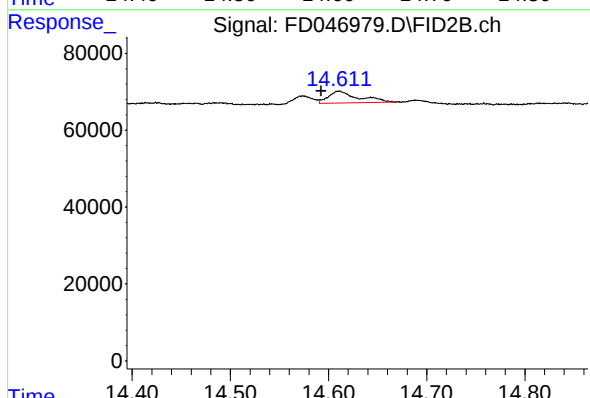
R.T.: 12.361 min
Delta R.T.: -0.034 min
Response: 34754
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



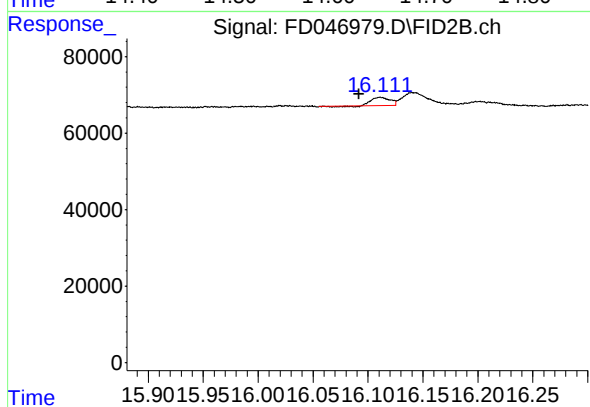
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.611 min
Delta R.T.: 0.058 min
Response: 66168
Conc: 0.51 ug/ml



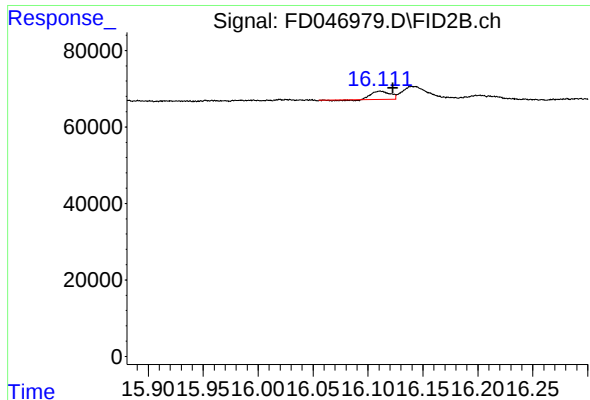
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: 0.018 min
Response: 66168
Conc: 0.46 ug/ml



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

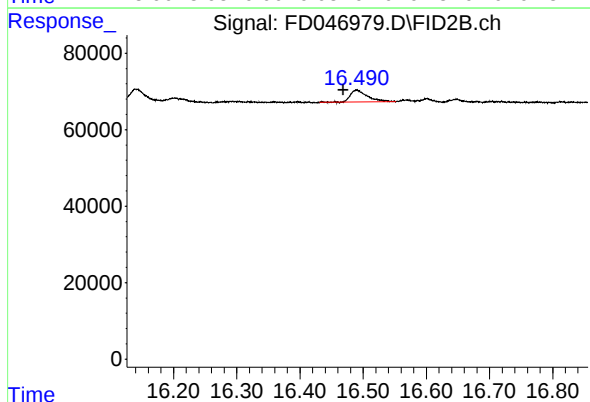
R.T.: 16.111 min
Delta R.T.: 0.019 min
Response: 23877
Conc: 0.18 ug/ml



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

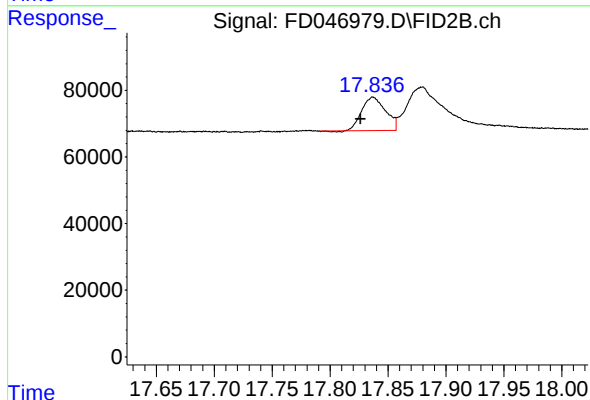
R.T.: 16.111 min
Delta R.T.: -0.012 min
Response: 23877
Conc: 0.17 ug/ml

Instrument :
FID_D
ClientSampleId :



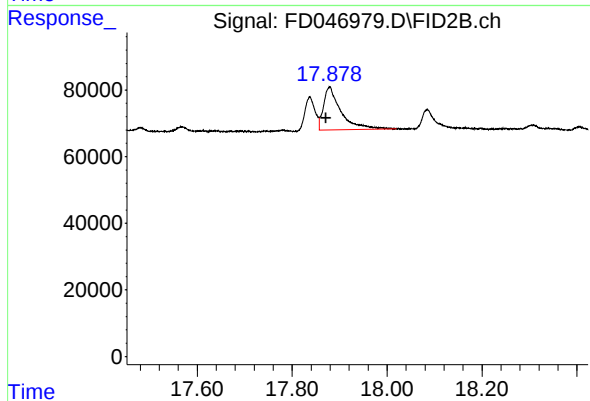
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.490 min
Delta R.T.: 0.021 min
Response: 59243
Conc: 0.45 ug/ml



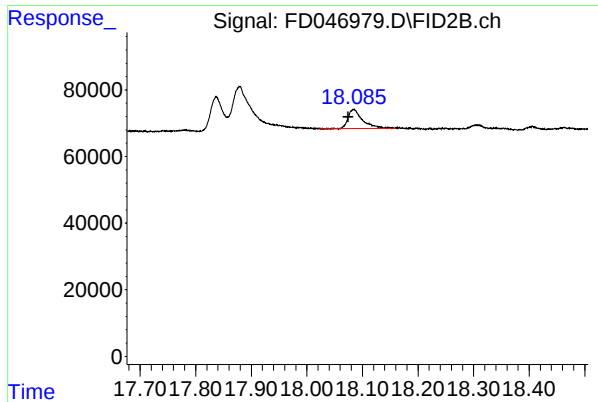
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: 0.011 min
Response: 143767
Conc: 1.20 ug/ml



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

R.T.: 17.879 min
Delta R.T.: 0.007 min
Response: 329838
Conc: 2.54 ug/ml



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

R.T.: 18.084 min

Delta R.T.: 0.010 min

Response: 102624

Conc: 0.78 ug/ml

Instrument :

FID_D

ClientSampleId :