

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047923.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2024 23:52
 Operator : YP/AJ
 Sample : P2847-06
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 13 05:25:38 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...	7.428	6817130	48.558 ug/ml
Spiked Amount 50.000		Recovery =	97.12%
6) S 2-Fluorobiphenyl (SURR)	8.341	97428	1.052 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	2.10%
11) S ortho-Terphenyl (SURR)	11.319	8705479	54.448 ug/ml
Spiked Amount 50.000		Recovery =	108.90%
Target Compounds			
7) T Acenaphthene (C15.5)	8.341f	97428	0.597 ug/ml
8) T Flouorene (C16.55)	9.176	51028	0.324 ug/ml
9) T Phenanthrene (C19.36)	10.549	2434669	15.788 ug/ml
10) T Anthracene (C19.43)	10.625	2692600	17.911 ug/ml
12) T Fluoranthene (C21.85)	12.410	3167024	20.869 ug/ml
13) T Pyrene (C20.8)	12.709	2014825	13.365 ug/ml
14) T Benzo[a]anthracene (C...	14.555	1891005	13.795 ug/ml
15) T Chrysene (C27.41)	14.555	1891005	12.836 ug/ml
16) T benzo[b]fluoranthene ...	16.089	302545	2.150 ug/ml
17) T Bnezo[k]fluoranthene ...	16.089	302545	2.222 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.436	493363	3.564 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.845	151845	1.317 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	388225	2.911 ug/ml
21) T Benzo[g,h,i]perylene ...	18.049	360695	2.712 ug/ml

(f)=RT Delta > 1/2 Window

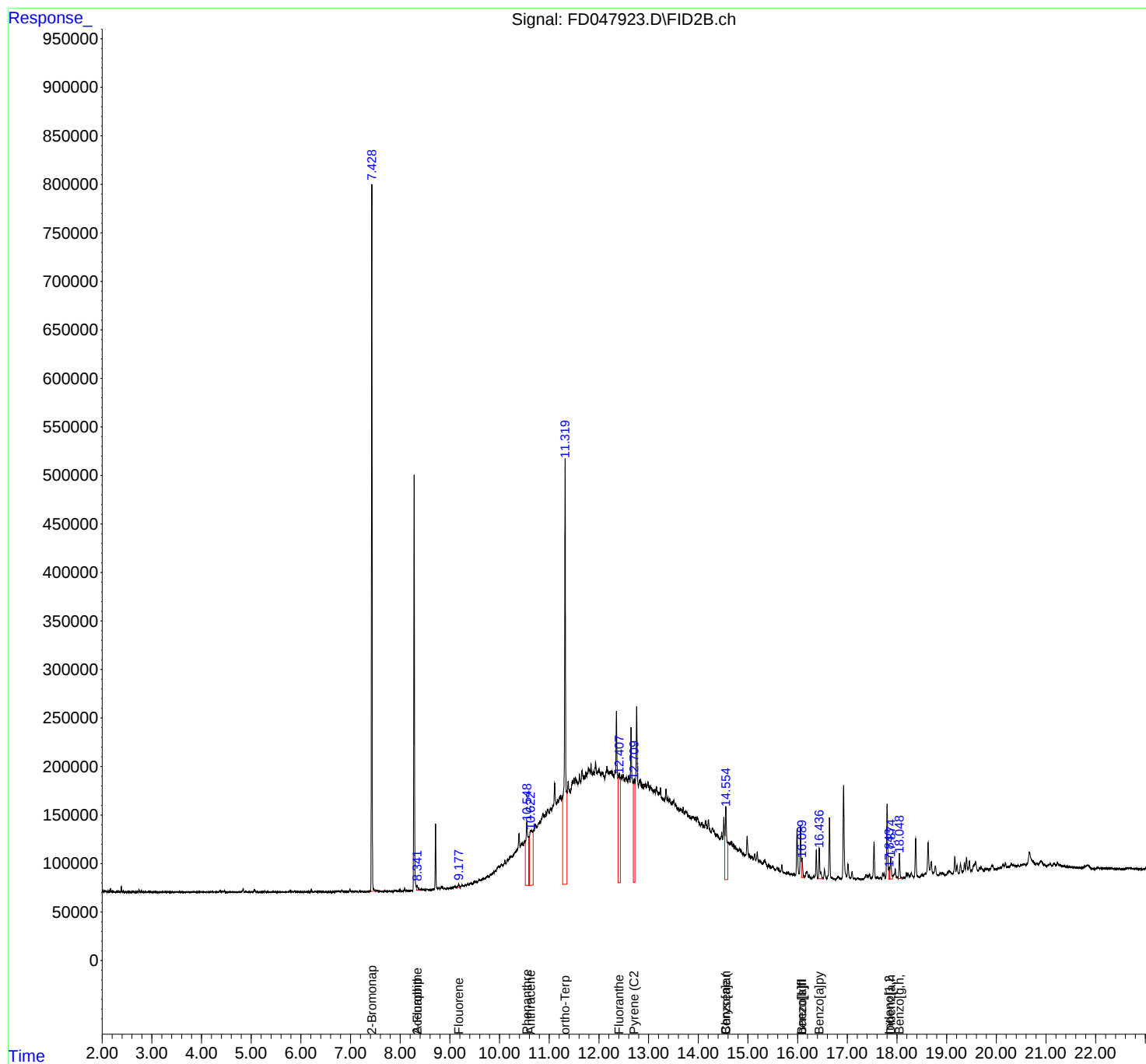
(m)=manual int.

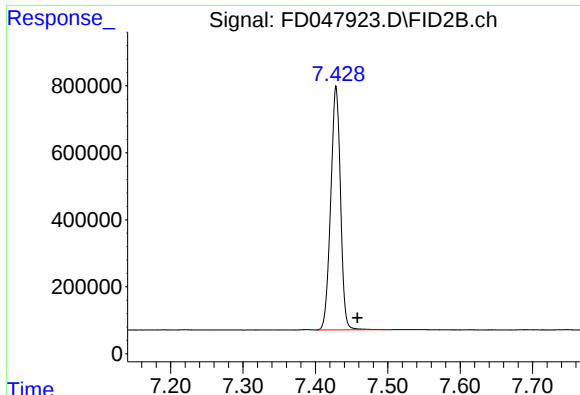
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
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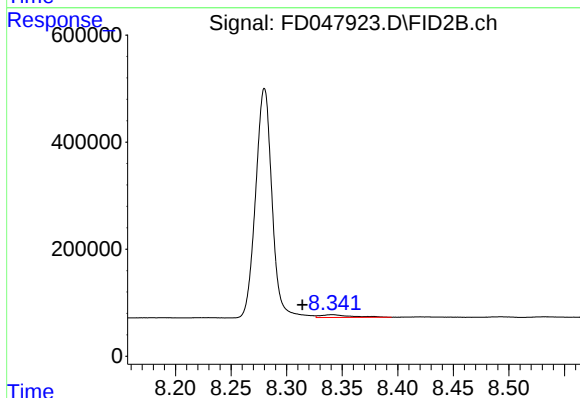




#4 2-Bromonaphthalene (SURRE)

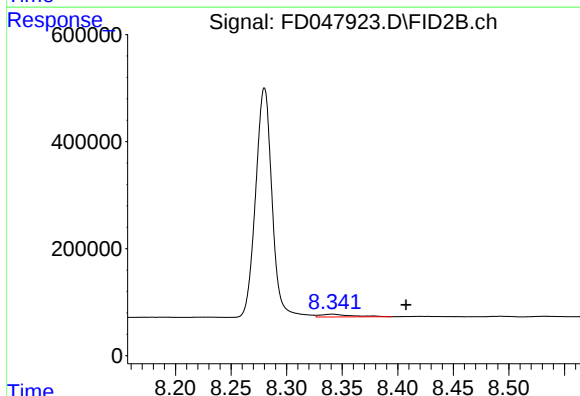
R.T.: 7.428 min
Delta R.T.: -0.030 min
Response: 6817130
Conc: 48.56 ug/ml

Instrument :
FID_D
ClientSampleId :



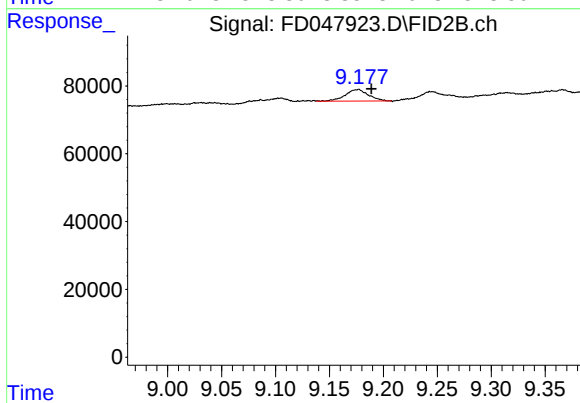
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.341 min
Delta R.T.: 0.027 min
Response: 97428
Conc: 1.05 ug/ml



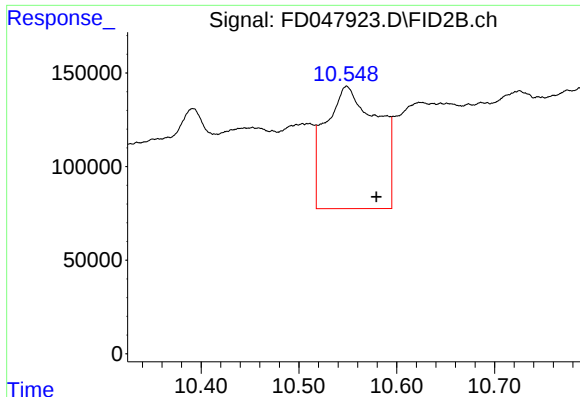
#7 Acenaphthene (C15.5)

R.T.: 8.341 min
Delta R.T.: -0.067 min
Response: 97428
Conc: 0.60 ug/ml



#8 Fluorene (C16.55)

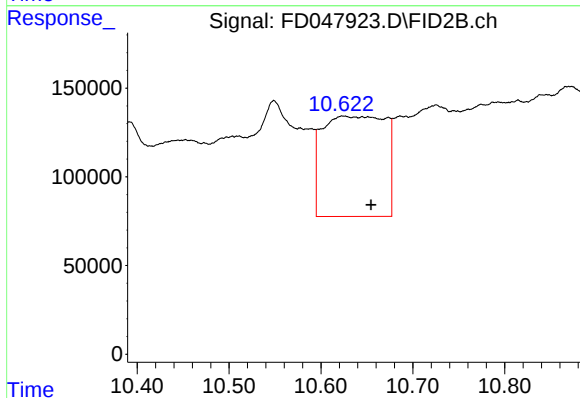
R.T.: 9.176 min
Delta R.T.: -0.013 min
Response: 51028
Conc: 0.32 ug/ml



#9 Phenanthrene (C19.36)

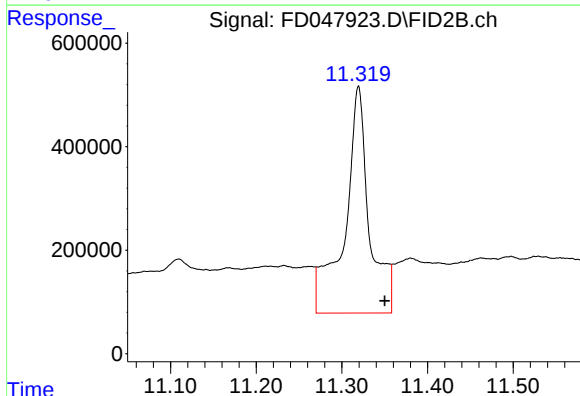
R.T.: 10.549 min
Delta R.T.: -0.030 min
Response: 2434669
Conc: 15.79 ug/ml

Instrument :
FID_D
ClientSampleId :



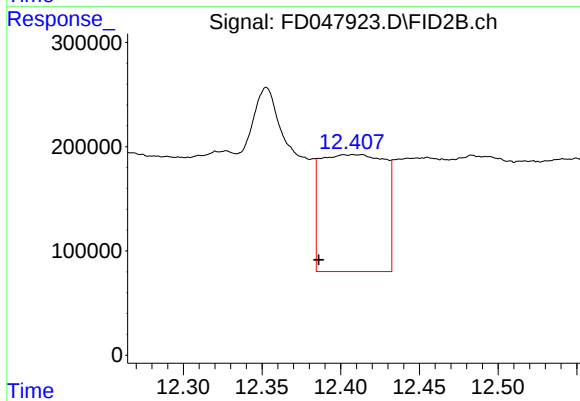
#10 Anthracene (C19.43)

R.T.: 10.625 min
Delta R.T.: -0.030 min
Response: 2692600
Conc: 17.91 ug/ml



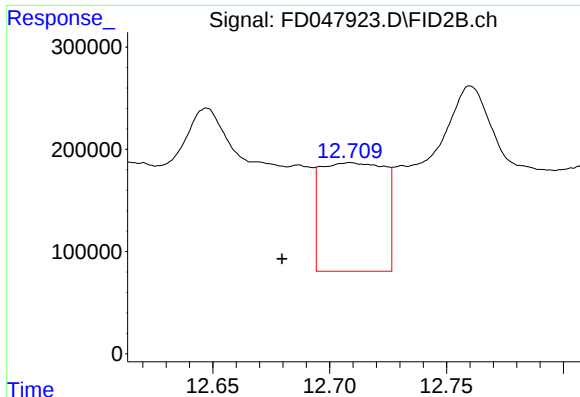
#11 ortho-Terphenyl (SURR)

R.T.: 11.319 min
Delta R.T.: -0.030 min
Response: 8705479
Conc: 54.45 ug/ml



#12 Fluoranthene (C21.85)

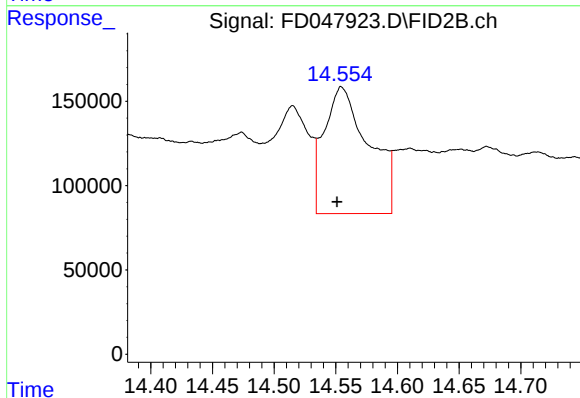
R.T.: 12.410 min
Delta R.T.: 0.024 min
Response: 3167024
Conc: 20.87 ug/ml



#13 Pyrene (C20.8)

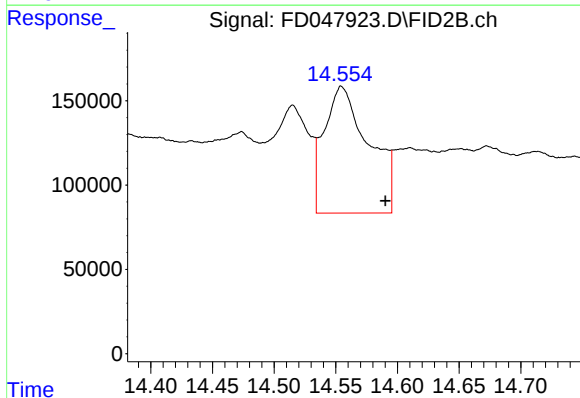
R.T.: 12.709 min
Delta R.T.: 0.029 min
Response: 2014825
Conc: 13.36 ug/ml

Instrument :
FID_D
ClientSampleId :



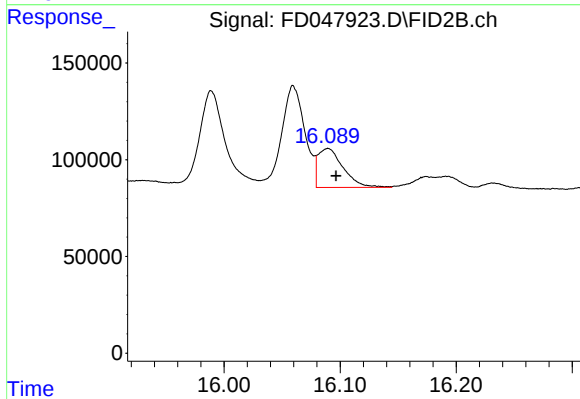
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.555 min
Delta R.T.: 0.004 min
Response: 1891005
Conc: 13.79 ug/ml



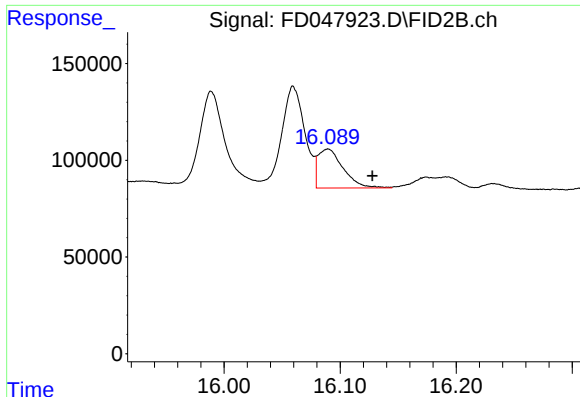
#15 Chrysene (C27.41)

R.T.: 14.555 min
Delta R.T.: -0.035 min
Response: 1891005
Conc: 12.84 ug/ml



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

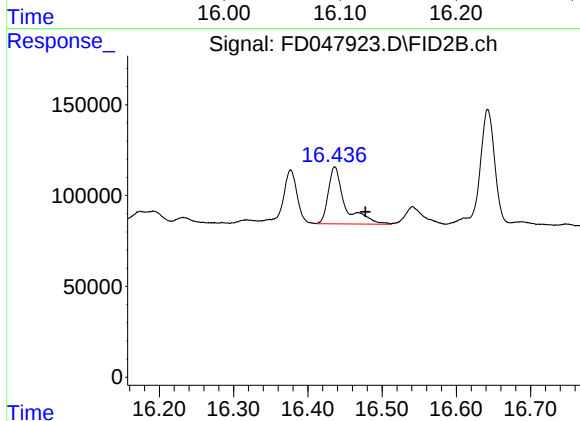
R.T.: 16.089 min
Delta R.T.: -0.007 min
Response: 302545
Conc: 2.15 ug/ml



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

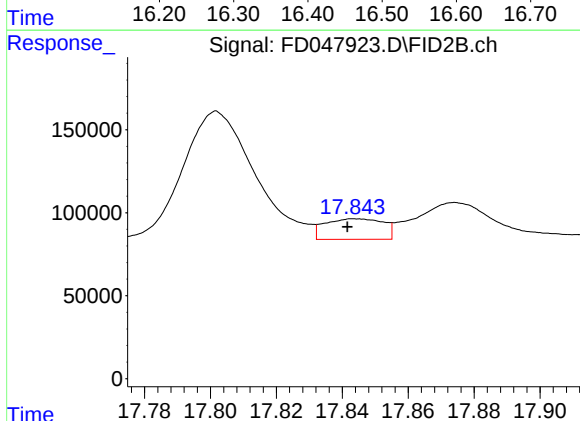
R.T.: 16.089 min
Delta R.T.: -0.039 min
Response: 302545
Conc: 2.22 ug/ml

Instrument :
FID_D
ClientSampleId :



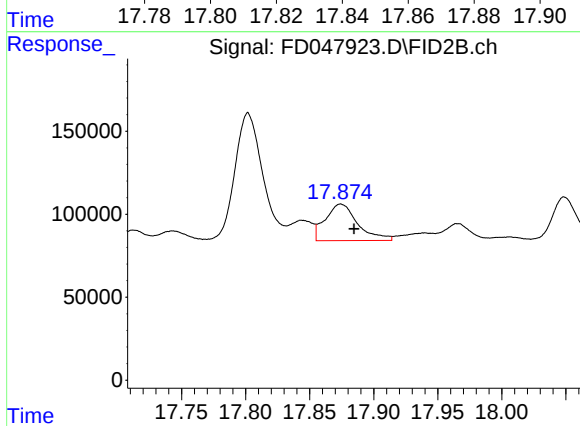
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.436 min
Delta R.T.: -0.041 min
Response: 493363
Conc: 3.56 ug/ml



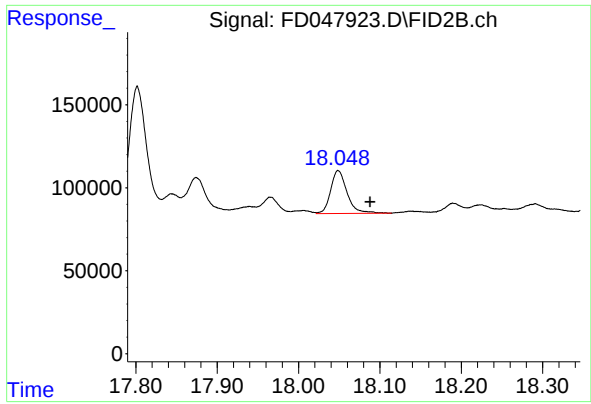
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.845 min
Delta R.T.: 0.003 min
Response: 151845
Conc: 1.32 ug/ml



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

R.T.: 17.874 min
Delta R.T.: -0.010 min
Response: 388225
Conc: 2.91 ug/ml



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

R.T.: 18.049 min
Delta R.T.: -0.039 min
Response: 360695
Conc: 2.71 ug/ml

Instrument :
FID_D
ClientSampleId :