

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044581.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 18:42
 Operator : YP/AJ
 Sample : N5807-04
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 03 01:45:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.680	6762082	52.104 ug/ml
Spiked Amount 50.000		Recovery =	104.21%
6) S 2-Fluorobiphenyl (SURR)	8.538	4576023	51.814 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.63%
11) S ortho-Terphenyl (SURR)	11.566	5523818	33.942 ug/ml
Spiked Amount 50.000		Recovery =	67.88%
Target Compounds			
2) T Naphthalene (C11.7)	6.027	40077	0.267 ug/ml
3) T 2-Methylnaphthalene (...)	7.070	43888	0.290 ug/ml
7) T Acenaphthene (C15.5)	8.633	40795	0.278 ug/ml
8) T Flouorene (C16.55)	9.409	55606	0.386 ug/ml
9) T Phenanthrene (C19.36)	10.797	321997	2.258 ug/ml
10) T Anthracene (C19.43)	10.870	100904	0.726 ug/ml
12) T Fluoranthene (C21.85)	12.598	618713	4.340 ug/ml
13) T Pyrene (C20.8)	12.893	497458	3.574 ug/ml
14) T Benzo[a]anthracene (C...	14.751	266451	2.059 ug/ml
15) T Chrysene (C27.41)	14.792	302864	2.247 ug/ml
16) T benzo[b]fluoranthene ...	16.293	354596	2.694 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	127529	0.979 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	200738	1.553 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.019	153153	1.202 ug/ml
20) T Dibenz[a,h]anthracene...	18.072	196109	1.559 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	166515	1.295 ug/ml

(f)=RT Delta > 1/2 Window

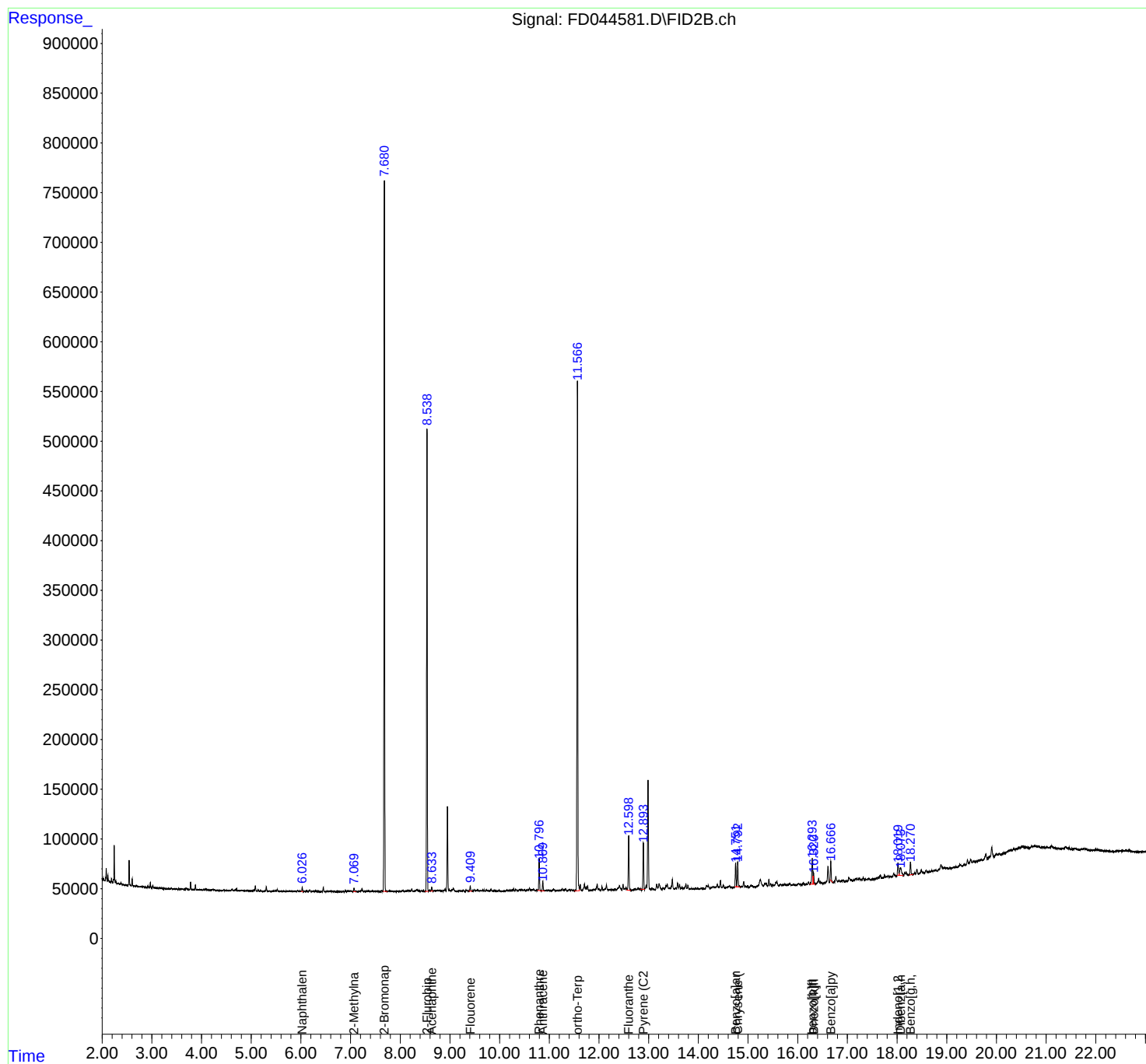
(m)=manual int.

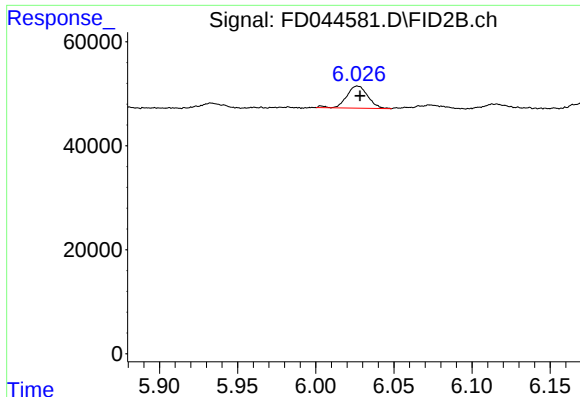
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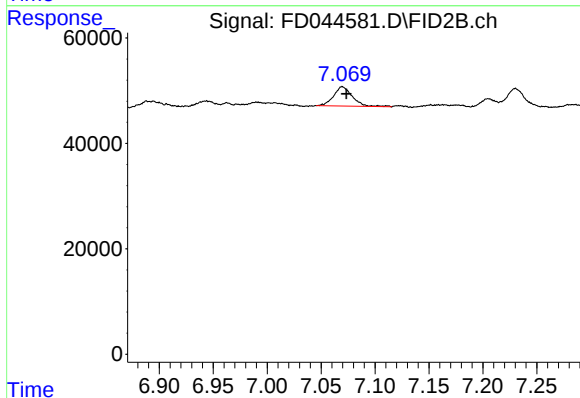




#2 Naphthalene (C11.7)

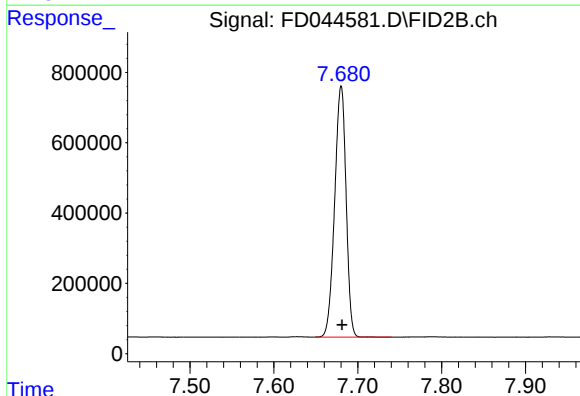
R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 40077
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



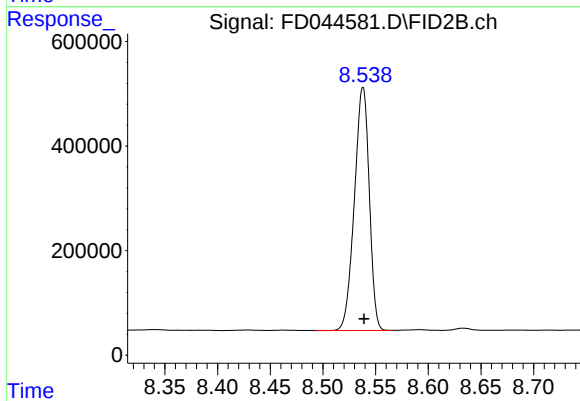
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 43888
Conc: 0.29 ug/ml



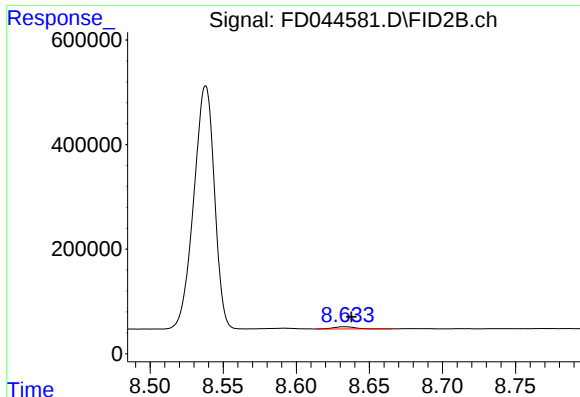
#4 2-Bromonaphthalene (SURR)

R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 6762082
Conc: 52.10 ug/ml



#6 2-Fluorobiphenyl (SURR)

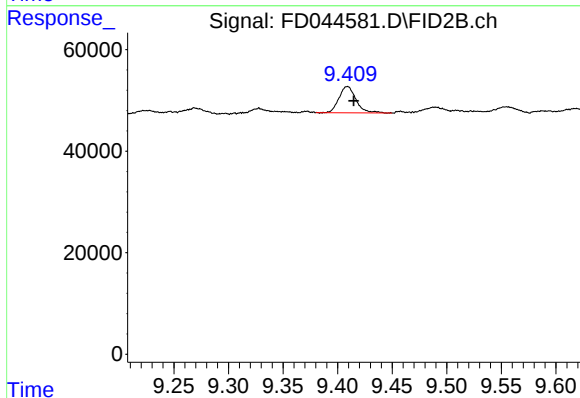
R.T.: 8.538 min
Delta R.T.: -0.001 min
Response: 4576023
Conc: 51.81 ug/ml



#7 Acenaphthene (C15.5)

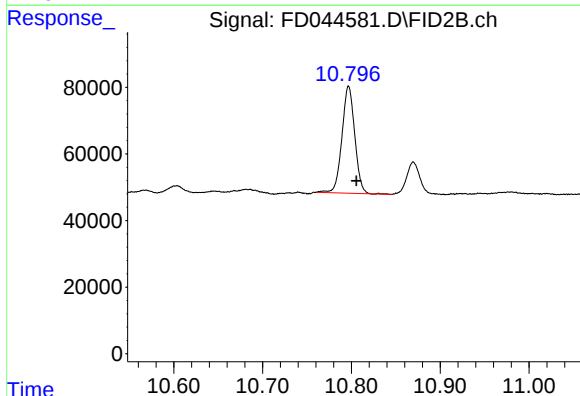
R.T.: 8.633 min
Delta R.T.: -0.004 min
Response: 40795
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



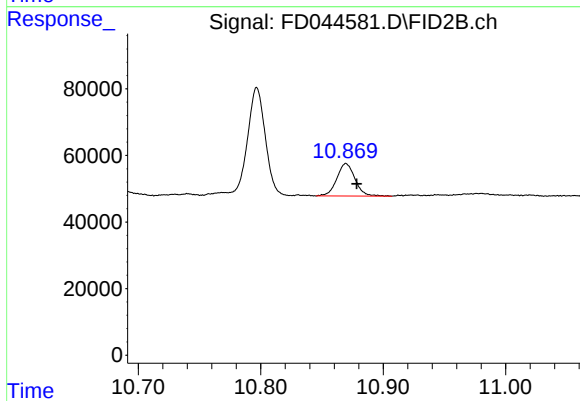
#8 Flouorene (C16.55)

R.T.: 9.409 min
Delta R.T.: -0.006 min
Response: 55606
Conc: 0.39 ug/ml



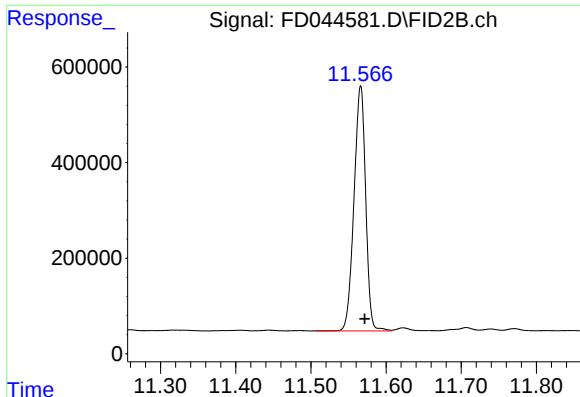
#9 Phenanthrene (C19.36)

R.T.: 10.797 min
Delta R.T.: -0.009 min
Response: 321997
Conc: 2.26 ug/ml



#10 Anthracene (C19.43)

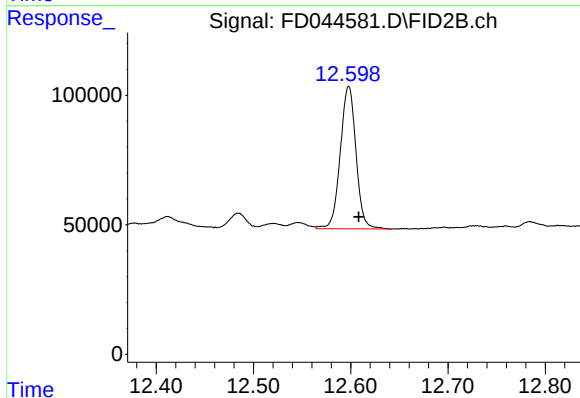
R.T.: 10.870 min
Delta R.T.: -0.009 min
Response: 100904
Conc: 0.73 ug/ml



#11 ortho-Terphenyl (SURR)

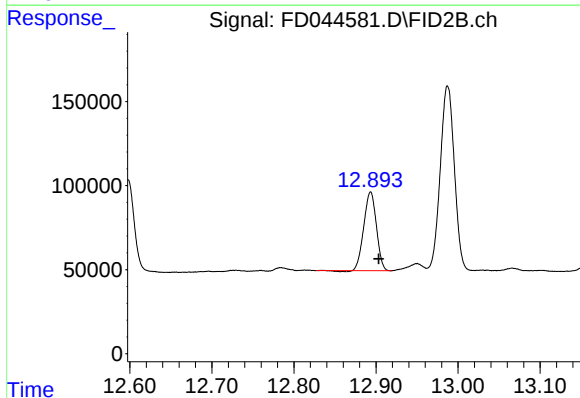
R.T.: 11.566 min
Delta R.T.: -0.006 min
Response: 5523818
Conc: 33.94 ug/ml

Instrument :
FID_D
ClientSampleId :



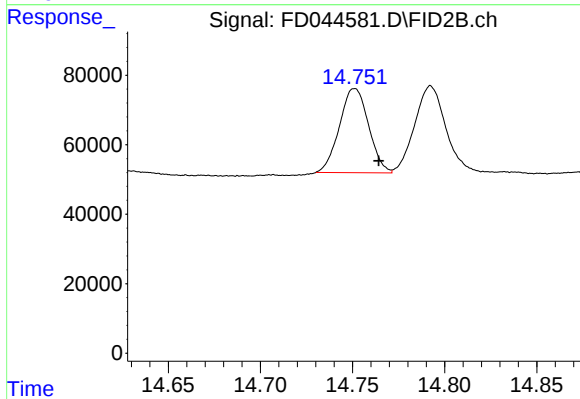
#12 Fluoranthene (C21.85)

R.T.: 12.598 min
Delta R.T.: -0.010 min
Response: 618713
Conc: 4.34 ug/ml



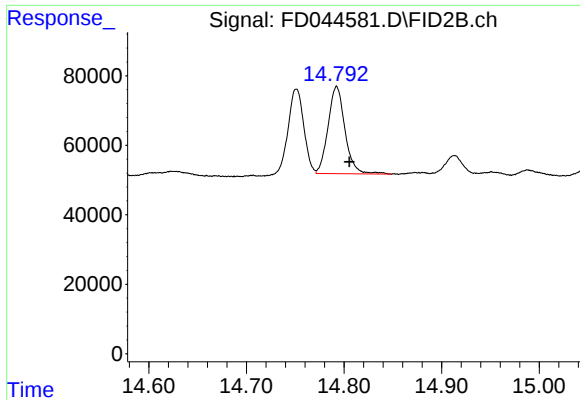
#13 Pyrene (C20.8)

R.T.: 12.893 min
Delta R.T.: -0.010 min
Response: 497458
Conc: 3.57 ug/ml



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

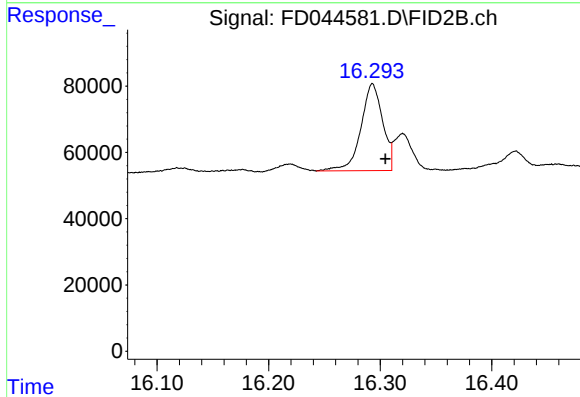
R.T.: 14.751 min
Delta R.T.: -0.013 min
Response: 266451
Conc: 2.06 ug/ml



#15 Chrysene (C27.41)

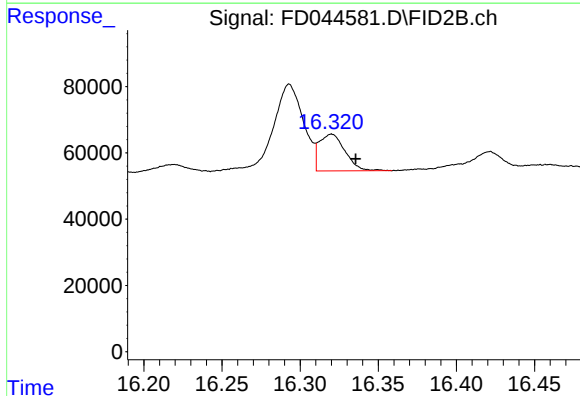
R.T.: 14.792 min
Delta R.T.: -0.013 min
Response: 302864
Conc: 2.25 ug/ml

Instrument :
FID_D
ClientSampleId :



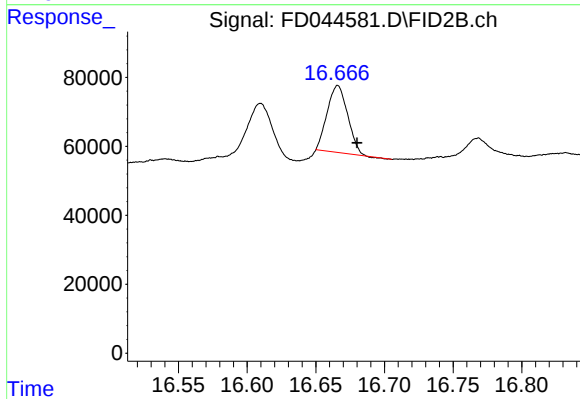
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.293 min
Delta R.T.: -0.011 min
Response: 354596
Conc: 2.69 ug/ml



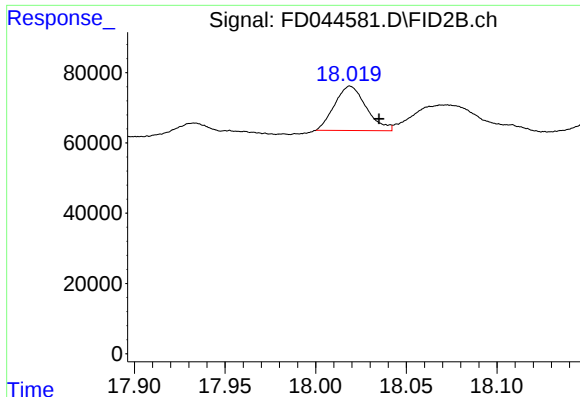
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: -0.016 min
Response: 127529
Conc: 0.98 ug/ml



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

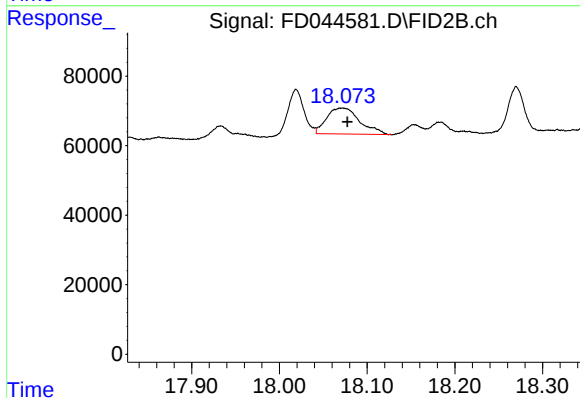
R.T.: 16.666 min
Delta R.T.: -0.014 min
Response: 200738
Conc: 1.55 ug/ml



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

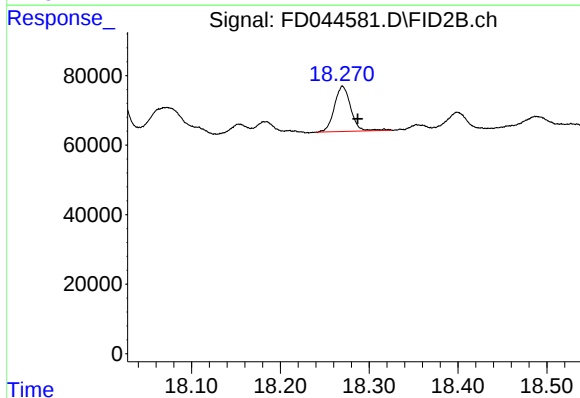
R.T.: 18.019 min
Delta R.T.: -0.016 min
Response: 153153
Conc: 1.20 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.072 min
Delta R.T.: -0.006 min
Response: 196109
Conc: 1.56 ug/ml



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

R.T.: 18.270 min
Delta R.T.: -0.017 min
Response: 166515
Conc: 1.29 ug/ml