

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011223AR\
 Data File : FD044775.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 00:52
 Operator : YP/AJ
 Sample : 01056-06
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 13 04:50:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.665	6659695	46.182 ug/ml
Spiked Amount 50.000		Recovery =	92.36%
6) S 2-Fluorobiphenyl (SURR)	8.522	4438675	45.726 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.45%
11) S ortho-Terphenyl (SURR)	11.550	4523360	25.106 ug/ml
Spiked Amount 50.000		Recovery =	50.21%
Target Compounds			
2) T Naphthalene (C11.7)	6.012	57397	0.342 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	34302	0.204 ug/ml
7) T Acenaphthene (C15.5)	8.618	127640	0.787 ug/ml
8) T Flouorene (C16.55)	9.393	154866	0.972 ug/ml
9) T Phenanthrene (C19.36)	10.781	1417060	9.030 ug/ml
10) T Anthracene (C19.43)	10.854	214929	1.709 ug/ml
12) T Fluoranthene (C21.85)	12.582	1297831	8.265 ug/ml
13) T Pyrene (C20.8)	12.877	902589	5.896 ug/ml
14) T Benzo[a]anthracene (C...	14.735	556405	3.913 ug/ml
15) T Chrysene (C27.41)	14.776	542443	3.577 ug/ml
16) T benzo[b]fluoranthene ...	16.276	573707	3.815 ug/ml
17) T Bnezo[k]fluoranthene ...	16.304	292323	1.929 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.650	484282	3.338 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.004	1020940	7.219 ug/ml
20) T Dibenz[a,h]anthracene...	18.046	1015144	6.925 ug/ml
21) T Benzo[g,h,i]perylene ...	18.255	1061556	7.473 ug/ml

(f)=RT Delta > 1/2 Window

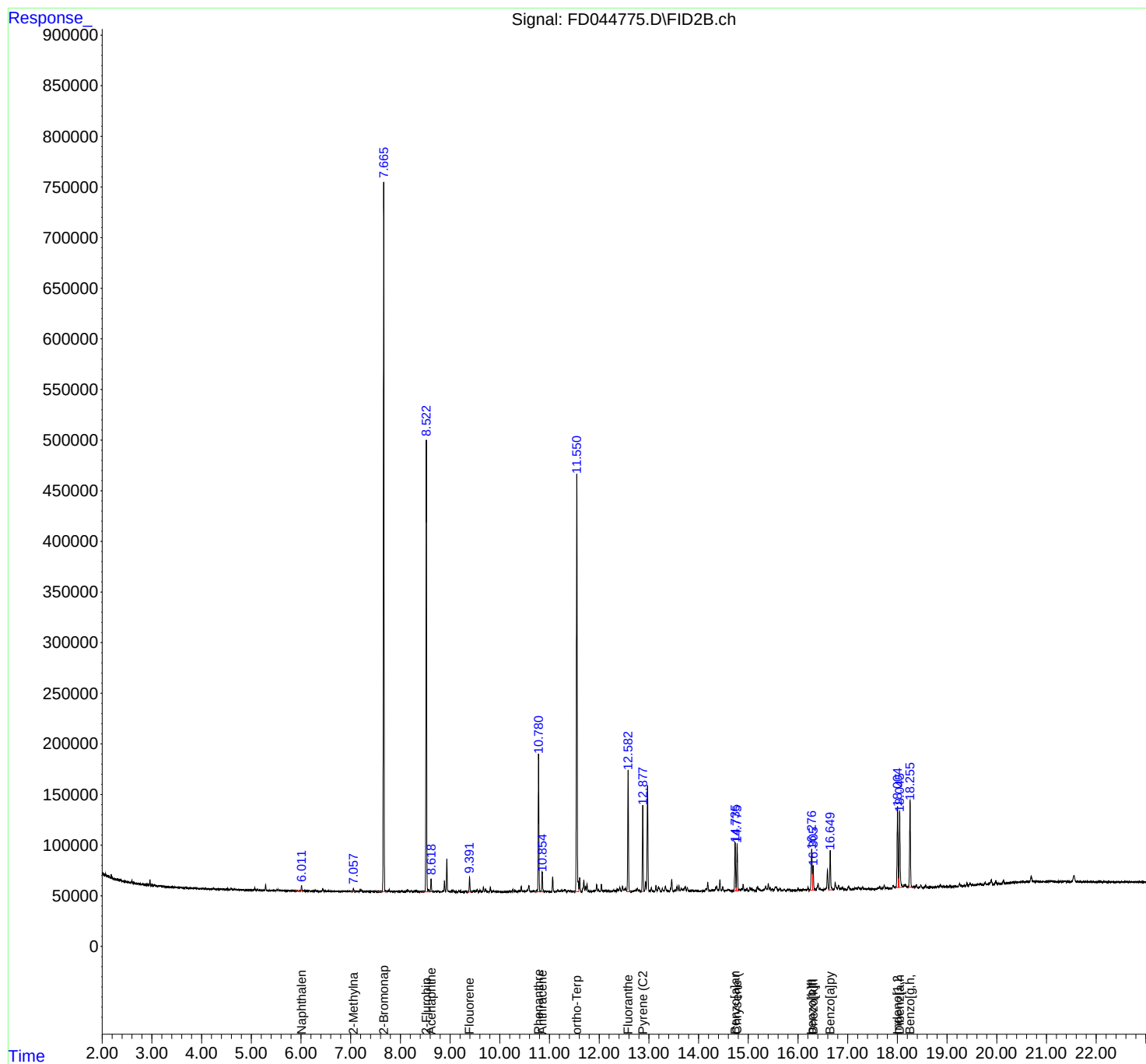
(m)=manual int.

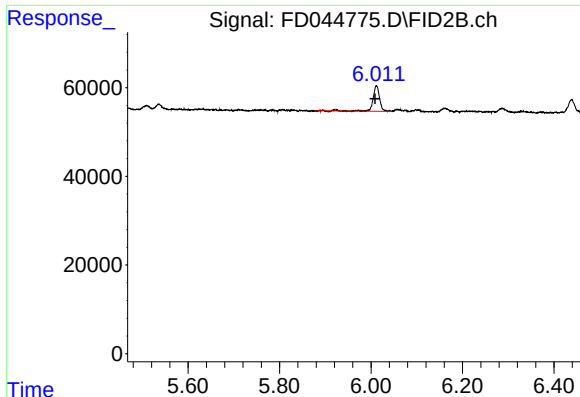
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011223AR\
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

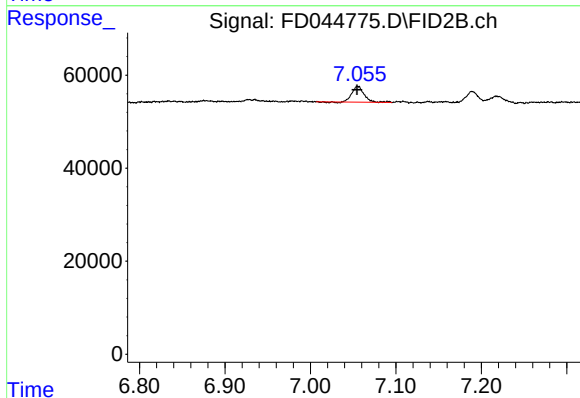




#2 Naphthalene (C11.7)

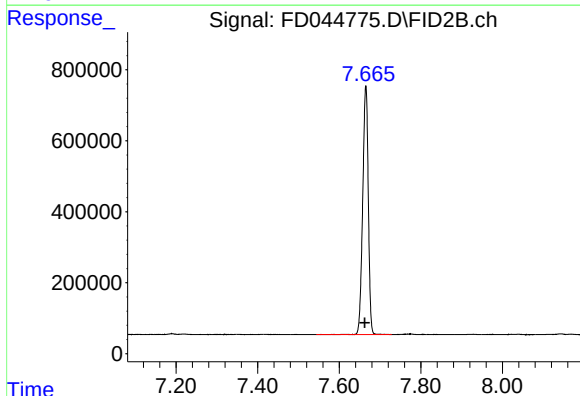
R.T.: 6.012 min
Delta R.T.: 0.003 min
Response: 57397
Conc: 0.34 ug/ml

Instrument :
FID_D
ClientSampleId :



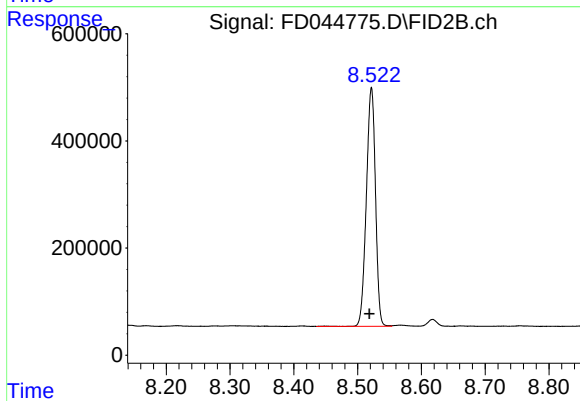
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: 0.001 min
Response: 34302
Conc: 0.20 ug/ml



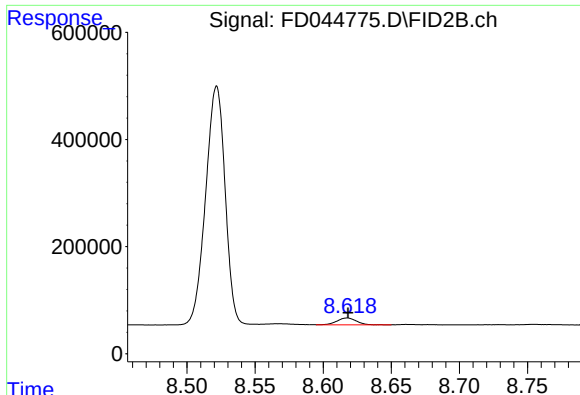
#4 2-Bromonaphthalene (SURR)

R.T.: 7.665 min
Delta R.T.: 0.003 min
Response: 6659695
Conc: 46.18 ug/ml



#6 2-Fluorobiphenyl (SURR)

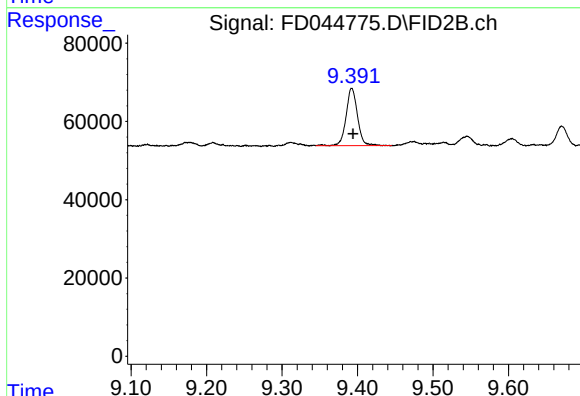
R.T.: 8.522 min
Delta R.T.: 0.003 min
Response: 4438675
Conc: 45.73 ug/ml



#7 Acenaphthene (C15.5)

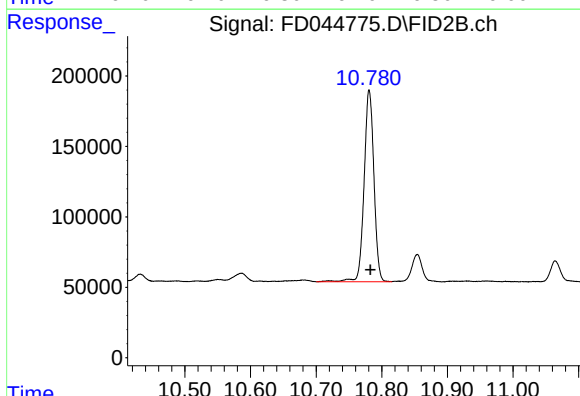
R.T.: 8.618 min
Delta R.T.: 0.000 min
Response: 127640
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



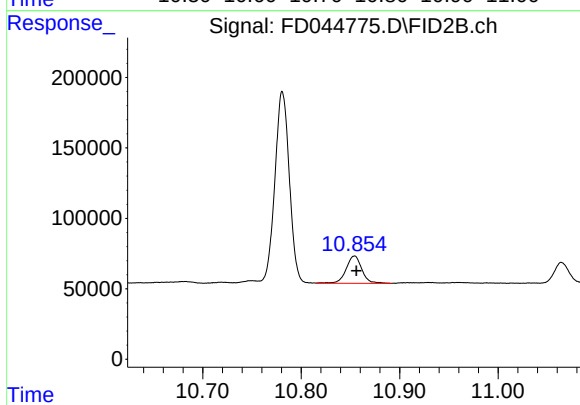
#8 Flouorene (C16.55)

R.T.: 9.393 min
Delta R.T.: -0.001 min
Response: 154866
Conc: 0.97 ug/ml



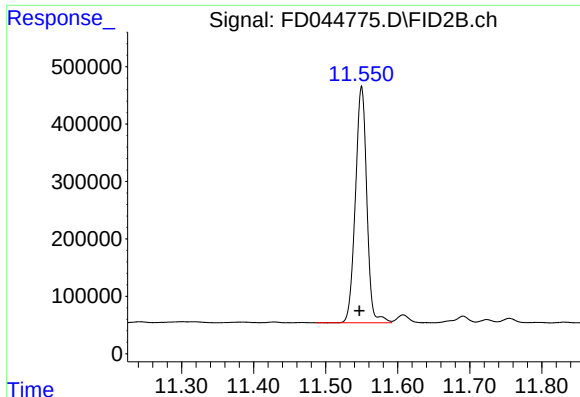
#9 Phenanthrene (C19.36)

R.T.: 10.781 min
Delta R.T.: -0.002 min
Response: 1417060
Conc: 9.03 ug/ml



#10 Anthracene (C19.43)

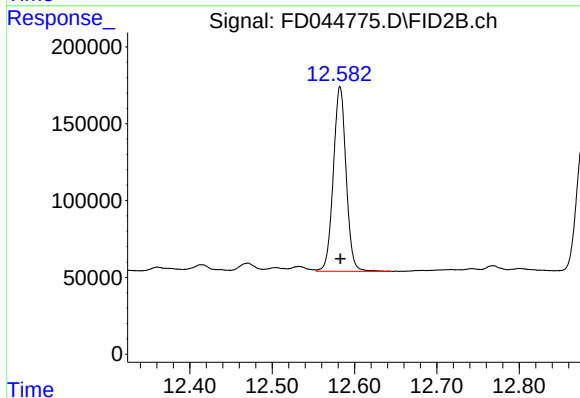
R.T.: 10.854 min
Delta R.T.: -0.002 min
Response: 214929
Conc: 1.71 ug/ml



#11 ortho-Terphenyl (SURR)

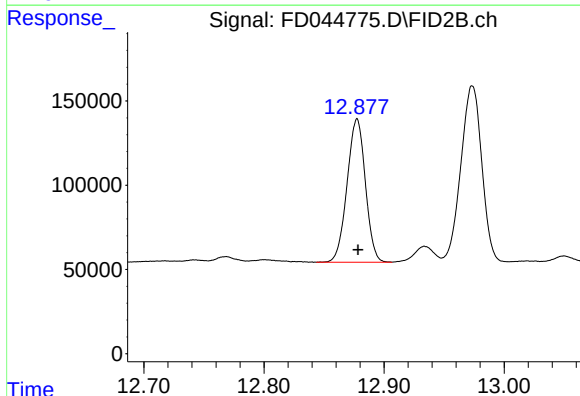
R.T.: 11.550 min
Delta R.T.: 0.003 min
Response: 4523360
Conc: 25.11 ug/ml

Instrument :
FID_D
ClientSampleId :



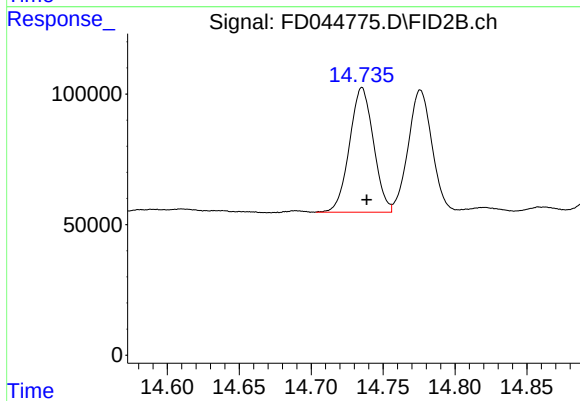
#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: 0.000 min
Response: 1297831
Conc: 8.26 ug/ml



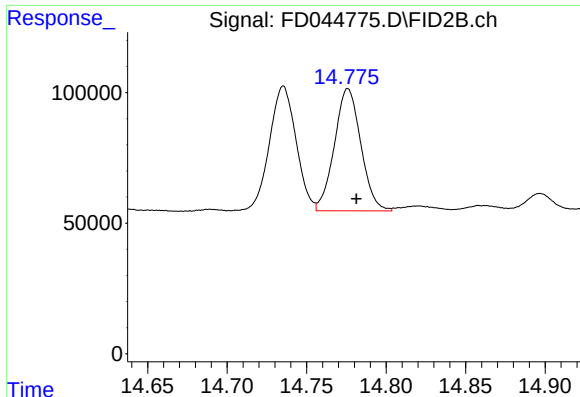
#13 Pyrene (C20.8)

R.T.: 12.877 min
Delta R.T.: 0.000 min
Response: 902589
Conc: 5.90 ug/ml



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

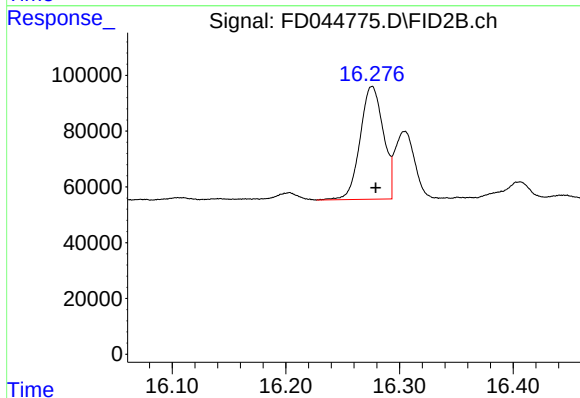
R.T.: 14.735 min
Delta R.T.: -0.003 min
Response: 556405
Conc: 3.91 ug/ml



#15 Chrysene (C27.41)

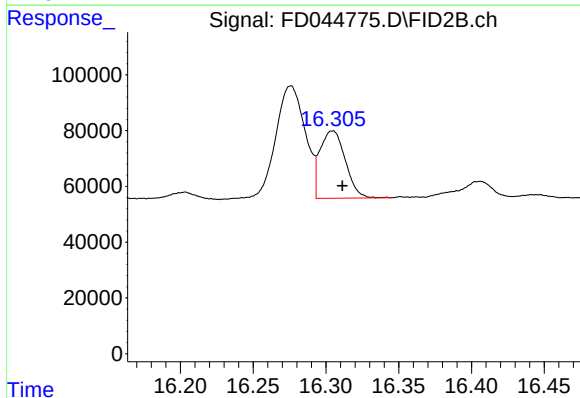
R.T.: 14.776 min
Delta R.T.: -0.005 min
Response: 542443
Conc: 3.58 ug/ml

Instrument :
FID_D
ClientSampleId :



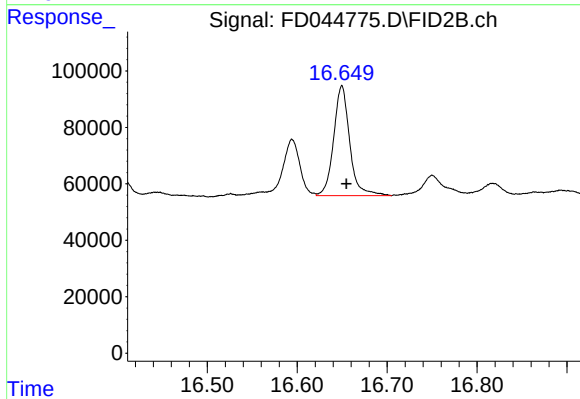
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.276 min
Delta R.T.: -0.003 min
Response: 573707
Conc: 3.81 ug/ml



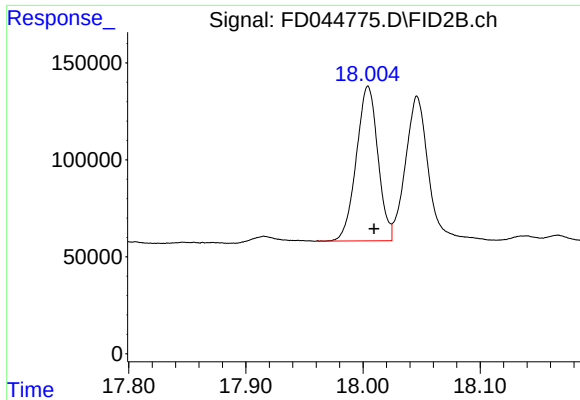
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.304 min
Delta R.T.: -0.007 min
Response: 292323
Conc: 1.93 ug/ml



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

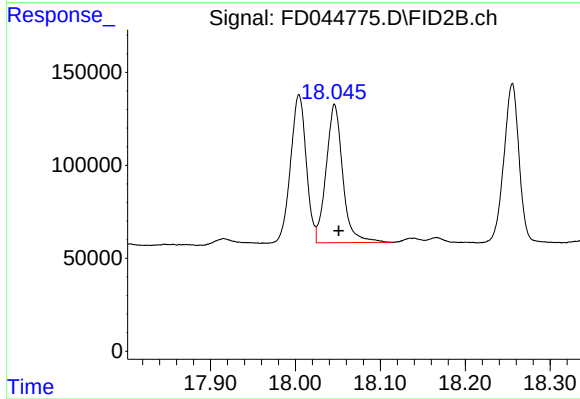
R.T.: 16.650 min
Delta R.T.: -0.005 min
Response: 484282
Conc: 3.34 ug/ml



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

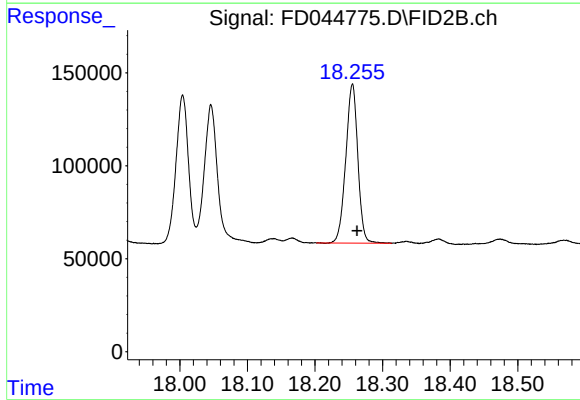
R.T.: 18.004 min
Delta R.T.: -0.005 min
Response: 1020940
Conc: 7.22 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.046 min
Delta R.T.: -0.005 min
Response: 1015144
Conc: 6.93 ug/ml



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

R.T.: 18.255 min
Delta R.T.: -0.007 min
Response: 1061556
Conc: 7.47 ug/ml