

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081722AR\
 Data File : FD043631.D
 Signal(s) : FID2B.ch
 Acq On : 17 Aug 2022 18:09
 Operator : YP/AJ
 Sample : N4124-02
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 17 23:39:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.609	5904163	41.740 ug/ml
Spiked Amount 50.000		Recovery =	83.48%
6) S 2-Fluorobiphenyl (SURR)	8.472	3609493	37.968 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.94%
11) S ortho-Terphenyl (SURR)	11.518	3818558	22.530 ug/ml
Spiked Amount 50.000		Recovery =	45.06%
Target Compounds			
2) T Naphthalene (C11.7)	5.944	145176	0.898 ug/ml
3) T 2-Methylnaphthalene (...)	6.997	181801	1.242 ug/ml
5) T Acenaphthylene (C15.06)	8.273	462468	2.849 ug/ml
7) T Acenaphthene (C15.5)	8.568	76487	0.473 ug/ml
8) T Fluorene (C16.55)	9.353	149647	0.955 ug/ml
9) T Phenanthrene (C19.36)	10.748	813823	5.193 ug/ml
10) T Anthracene (C19.43)	10.823	599178	3.890 ug/ml
12) T Fluoranthene (C21.85)	12.564	1853877	11.705 ug/ml
13) T Pyrene (C20.8)	12.860	2043696	13.004 ug/ml
14) T Benzo[a]anthracene (C...	14.734	1271341	8.617 ug/ml
15) T Chrysene (C27.41)	14.774	1531822	9.803 ug/ml
16) T benzo[b]fluoranthene ...	16.290	2569292	17.176 ug/ml
17) T Bnezo[k]fluoranthene ...	16.290	2569292	17.122 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.668	1615739	11.431 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	1072338	9.073 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	320493	2.260 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	1349284	10.376 ug/ml

(f)=RT Delta > 1/2 Window

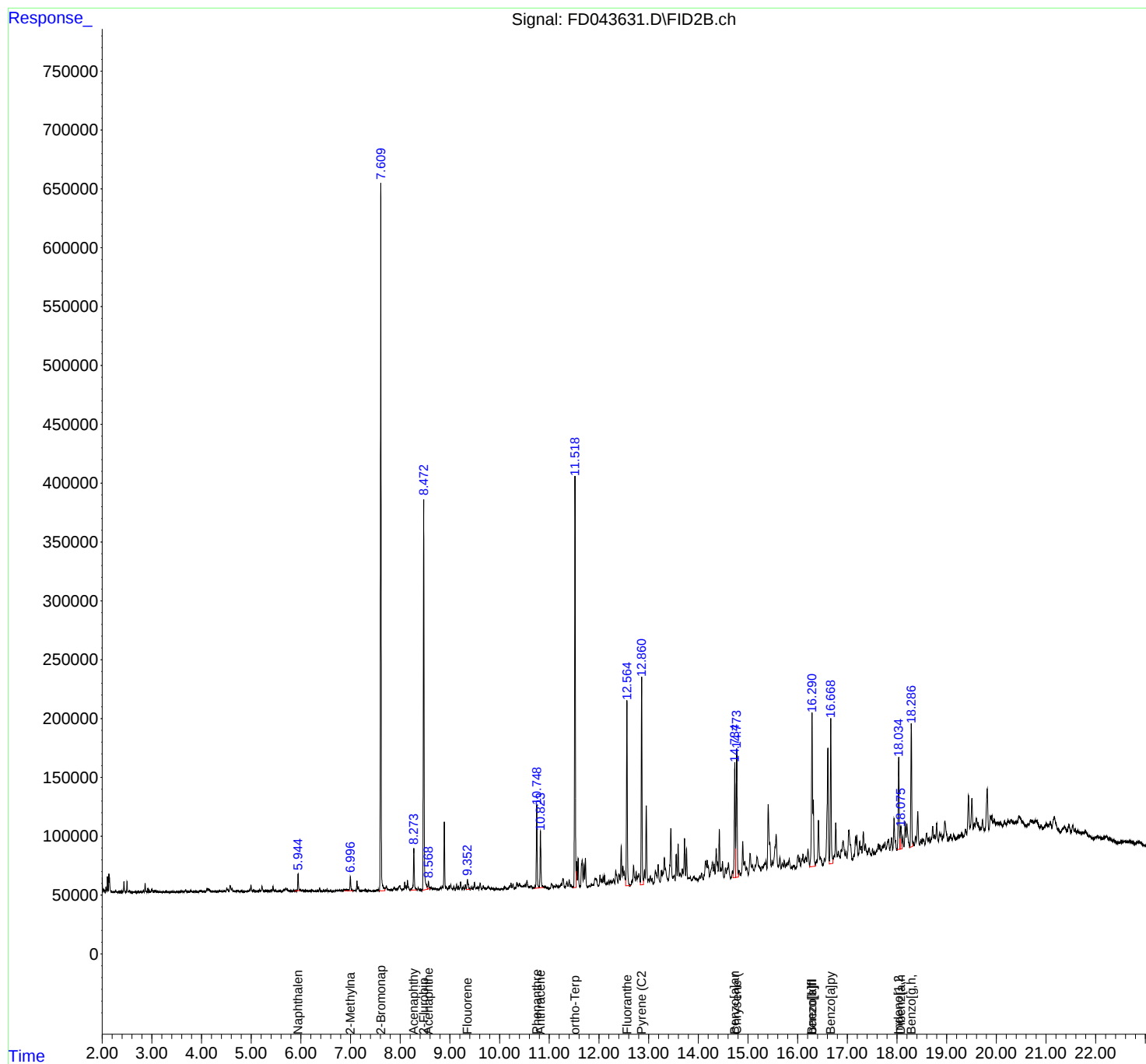
(m)=manual int.

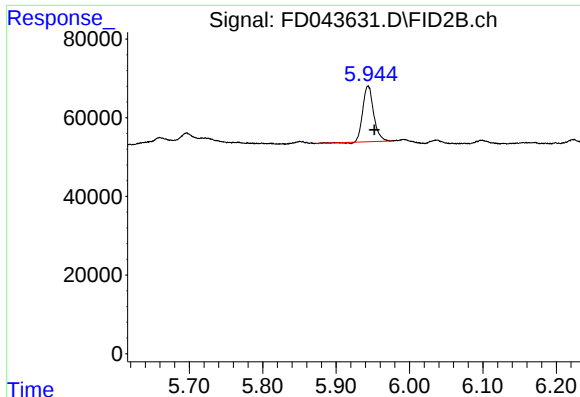
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081722AR\
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Signal Info : 20M x 0.18mm x 0.18µm

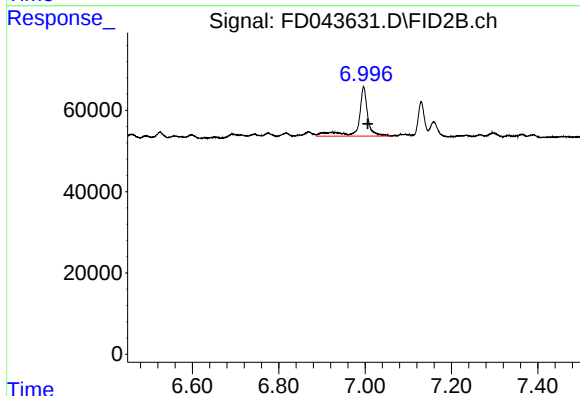




#2 Naphthalene (C11.7)

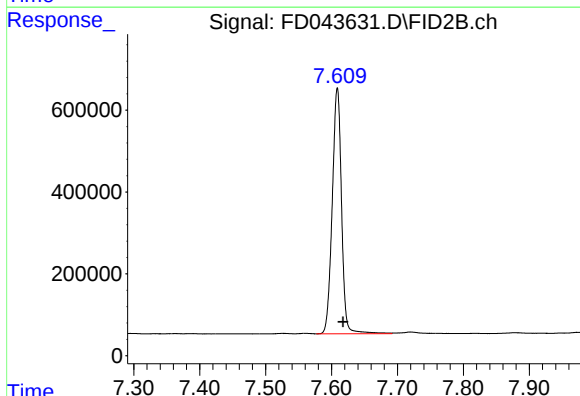
R.T.: 5.944 min
Delta R.T.: -0.009 min
Response: 145176
Conc: 0.90 ug/ml

Instrument :
FID_B
ClientSampleId :



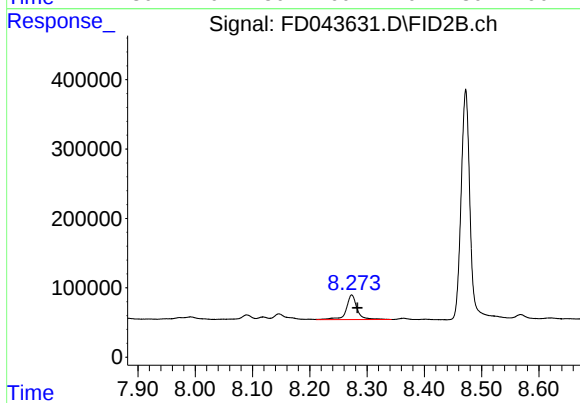
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.009 min
Response: 181801
Conc: 1.24 ug/ml



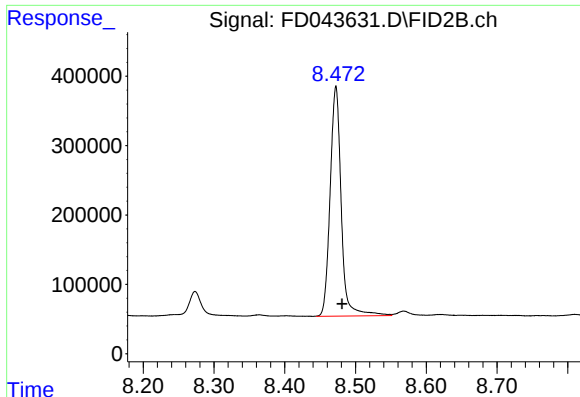
#4 2-Bromonaphthalene (SURR)

R.T.: 7.609 min
Delta R.T.: -0.009 min
Response: 5904163
Conc: 41.74 ug/ml



#5 Acenaphthylene (C15.06)

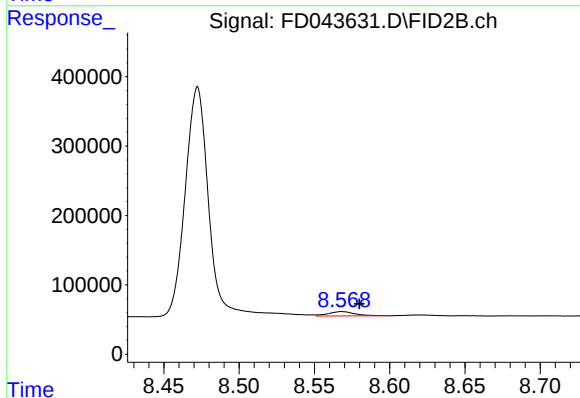
R.T.: 8.273 min
Delta R.T.: -0.010 min
Response: 462468
Conc: 2.85 ug/ml



#6 2-Fluorobiphenyl (SURR)

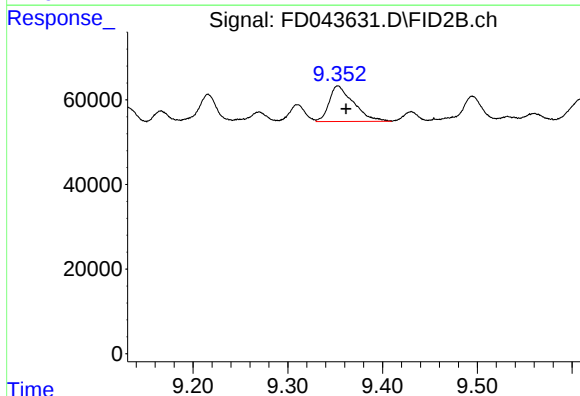
R.T.: 8.472 min
Delta R.T.: -0.009 min
Response: 3609493
Conc: 37.97 ug/ml

Instrument :
FID_B
ClientSampleId :



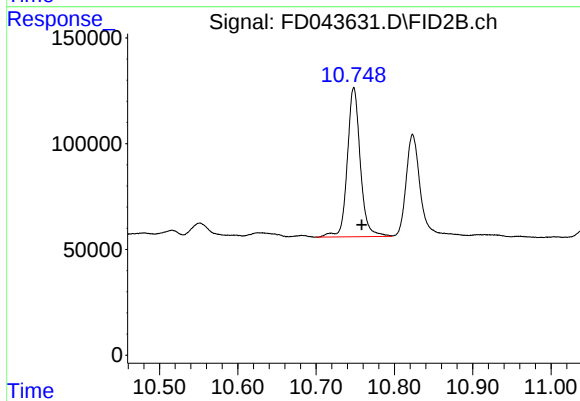
#7 Acenaphthene (C15.5)

R.T.: 8.568 min
Delta R.T.: -0.012 min
Response: 76487
Conc: 0.47 ug/ml



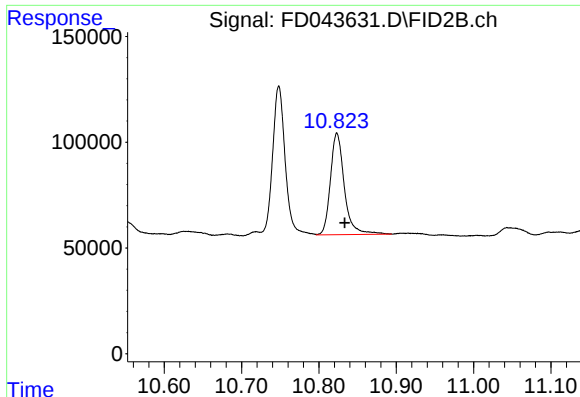
#8 Flouorene (C16.55)

R.T.: 9.353 min
Delta R.T.: -0.008 min
Response: 149647
Conc: 0.96 ug/ml



#9 Phenanthrene (C19.36)

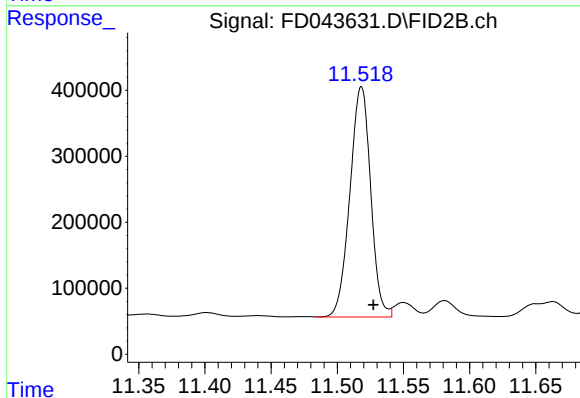
R.T.: 10.748 min
Delta R.T.: -0.010 min
Response: 813823
Conc: 5.19 ug/ml



#10 Anthracene (C19.43)

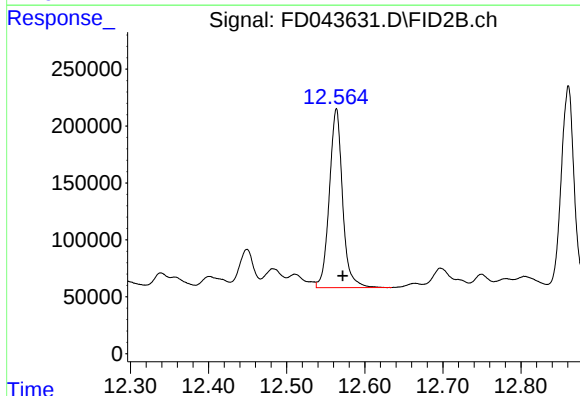
R.T.: 10.823 min
Delta R.T.: -0.010 min
Response: 599178
Conc: 3.89 ug/ml

Instrument :
FID_B
ClientSampleId :



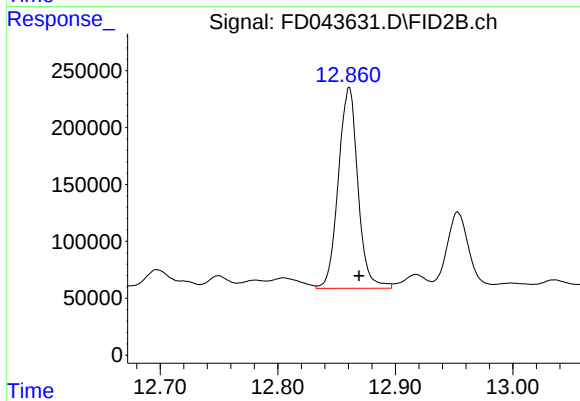
#11 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.009 min
Response: 3818558
Conc: 22.53 ug/ml



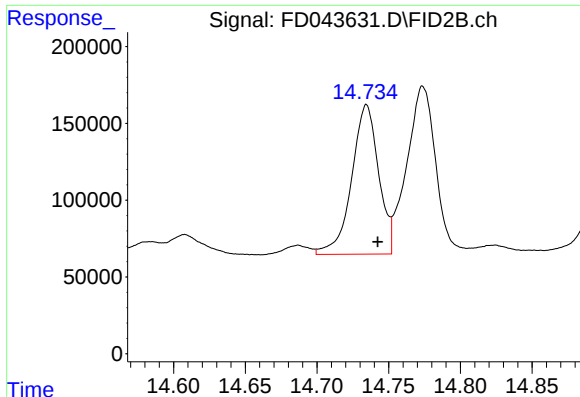
#12 Fluoranthene (C21.85)

R.T.: 12.564 min
Delta R.T.: -0.008 min
Response: 1853877
Conc: 11.70 ug/ml



#13 Pyrene (C20.8)

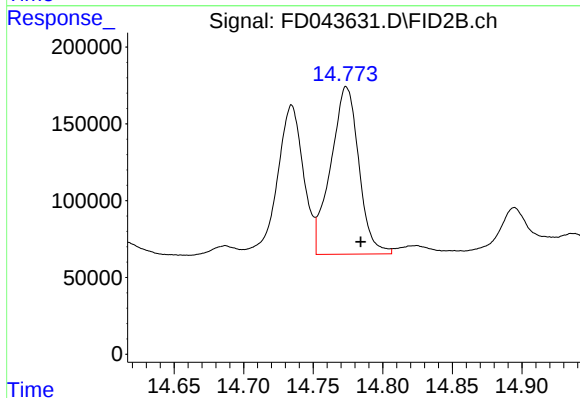
R.T.: 12.860 min
Delta R.T.: -0.009 min
Response: 2043696
Conc: 13.00 ug/ml



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

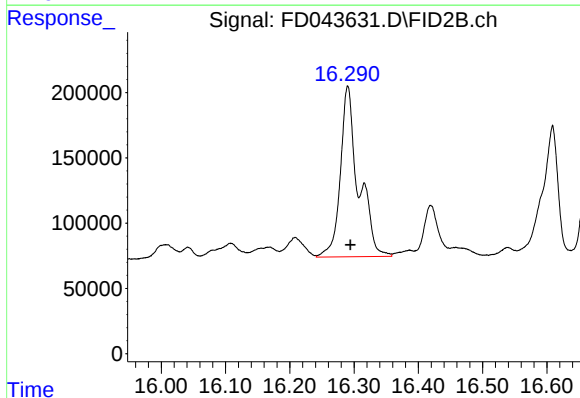
R.T.: 14.734 min
Delta R.T.: -0.008 min
Response: 1271341
Conc: 8.62 ug/ml

Instrument :
FID_B
ClientSampleId :



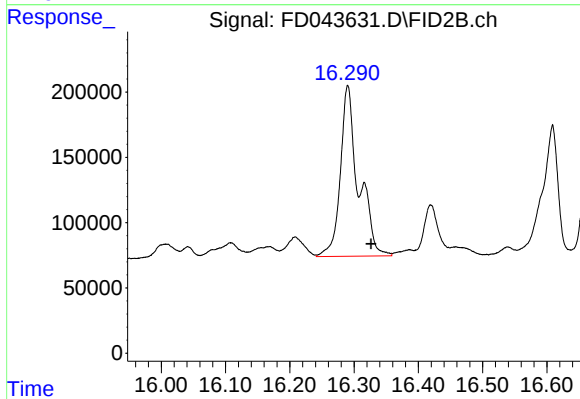
#15 Chrysene (C27.41)

R.T.: 14.774 min
Delta R.T.: -0.010 min
Response: 1531822
Conc: 9.80 ug/ml



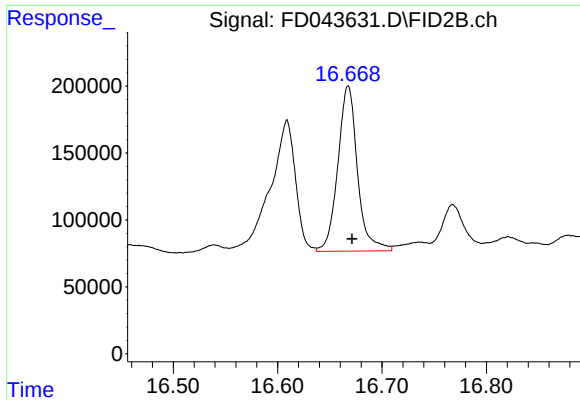
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.290 min
Delta R.T.: -0.004 min
Response: 2569292
Conc: 17.18 ug/ml



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

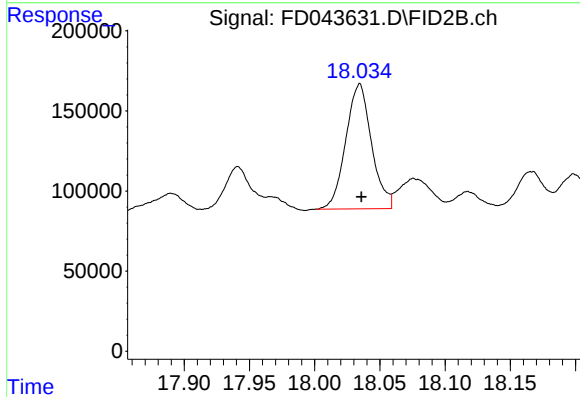
R.T.: 16.290 min
Delta R.T.: -0.036 min
Response: 2569292
Conc: 17.12 ug/ml



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

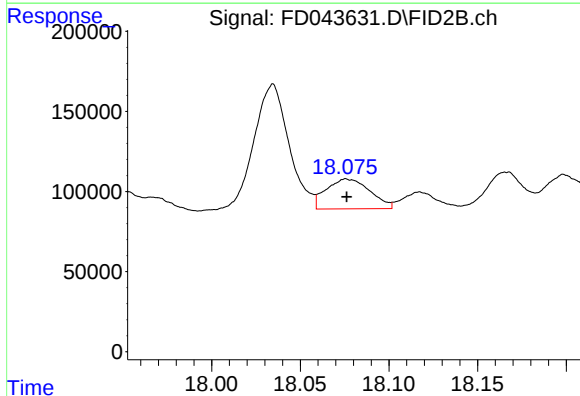
R.T.: 16.668 min
Delta R.T.: -0.004 min
Response: 1615739
Conc: 11.43 ug/ml

Instrument :
FID_B
ClientSampleId :



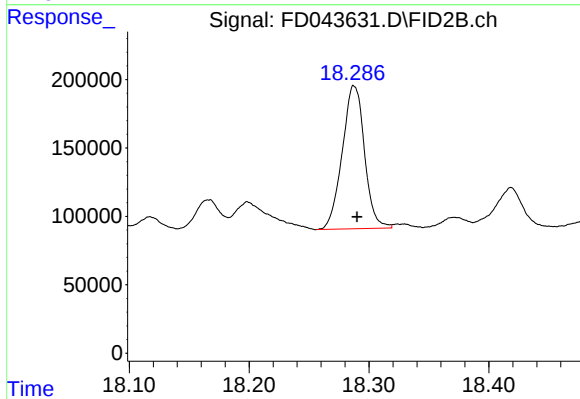
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: -0.002 min
Response: 1072338
Conc: 9.07 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 320493
Conc: 2.26 ug/ml



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

R.T.: 18.288 min
Delta R.T.: -0.002 min
Response: 1349284
Conc: 10.38 ug/ml