

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045930.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jun 2023 17:14
 Operator : YP/AJ
 Sample : 03328-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 23 17:47:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.521	5688894	31.555 ug/ml
Spiked Amount 50.000		Recovery =	63.11%
6) S 2-Fluorobiphenyl (SURR)	8.375	3573515	29.723 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	59.45%
11) S ortho-Terphenyl (SURR)	11.414	5126955	22.953 ug/ml
Spiked Amount 50.000		Recovery =	45.91%
Target Compounds			
2) T Naphthalene (C11.7)	5.859	67445	0.318 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	57469	0.272 ug/ml
5) T Acenaphthylene (C15.06)	8.177	84321	0.445 ug/ml
7) T Acenaphthene (C15.5)	8.471	119435	0.591 ug/ml
8) T Fluorene (C16.55)	9.249	145549	0.735 ug/ml
9) T Phenanthrene (C19.36)	10.640	1587062	8.296 ug/ml
10) T Anthracene (C19.43)	10.712	408194	2.396 ug/ml
12) T Fluoranthene (C21.85)	12.445	3016509	16.328 ug/ml
13) T Pyrene (C20.8)	12.739	2356095	13.192 ug/ml
14) T Benzo[a]anthracene (C...	14.642	1254045	8.010 ug/ml
15) T Chrysene (C27.41)	14.642	1254045	7.601 ug/ml
16) T benzo[b]fluoranthene ...	16.172	552876	3.653 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	552876	3.571 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.517	1156137	7.906 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	201417	1.375 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	116756	0.778 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	18411	0.125 ug/ml

(f)=RT Delta > 1/2 Window

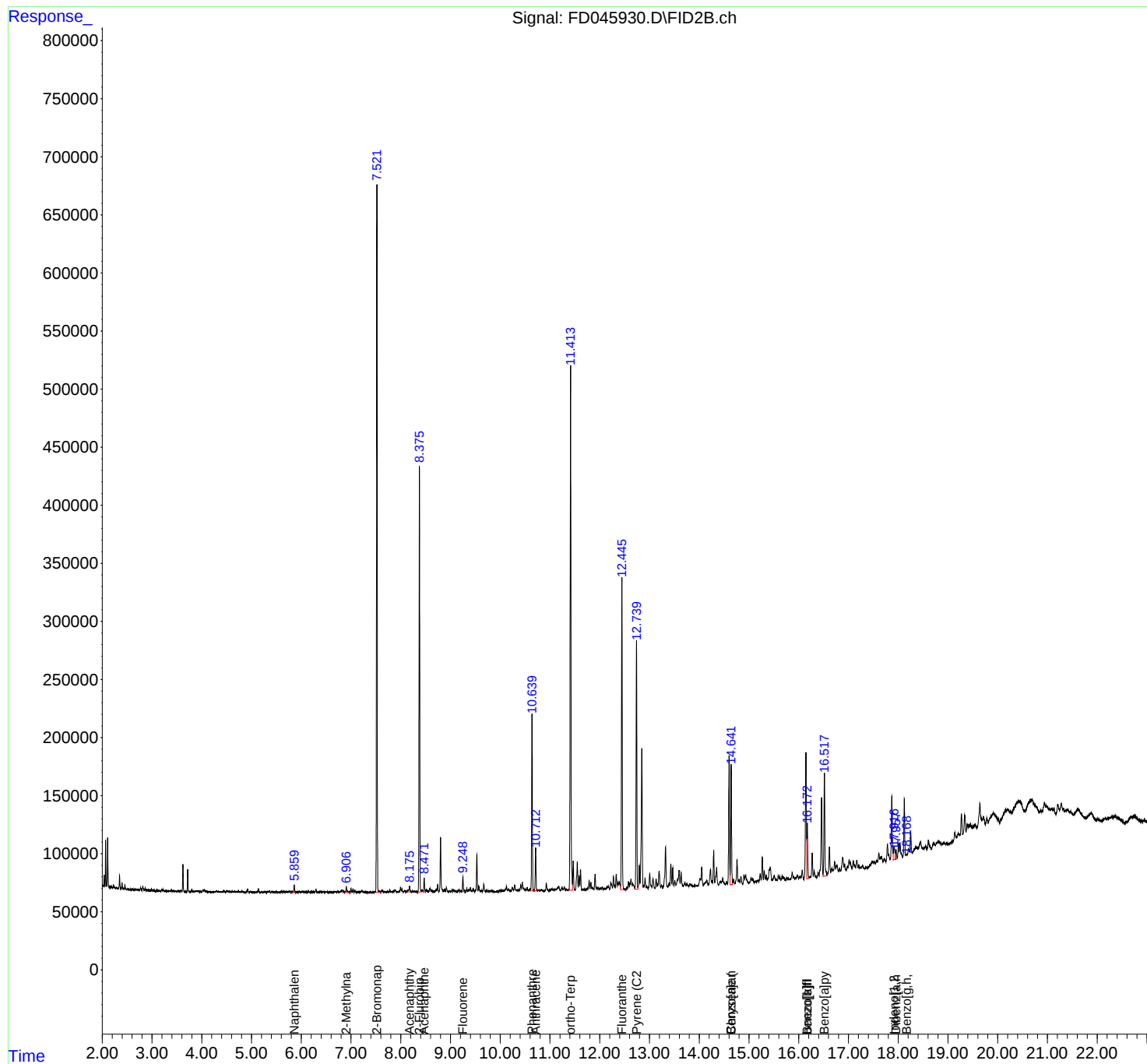
(m)=manual int.

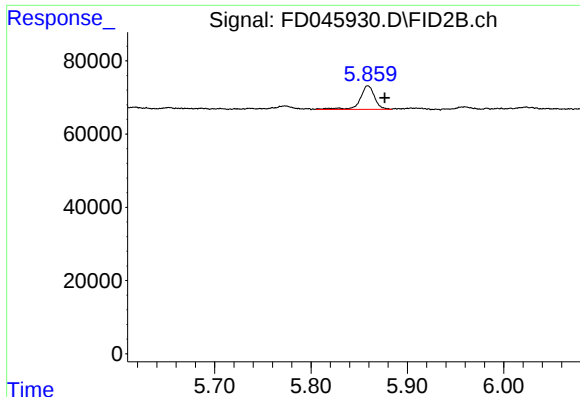
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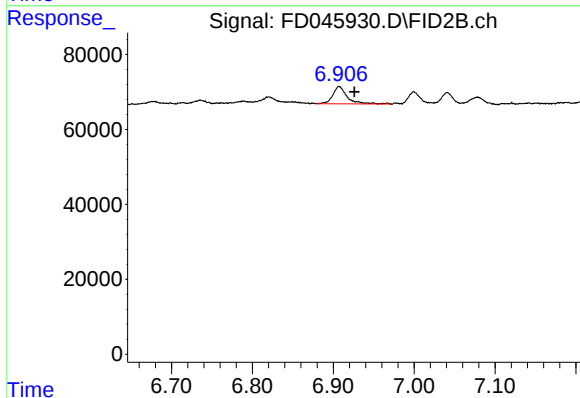




#2 Naphthalene (C11.7)

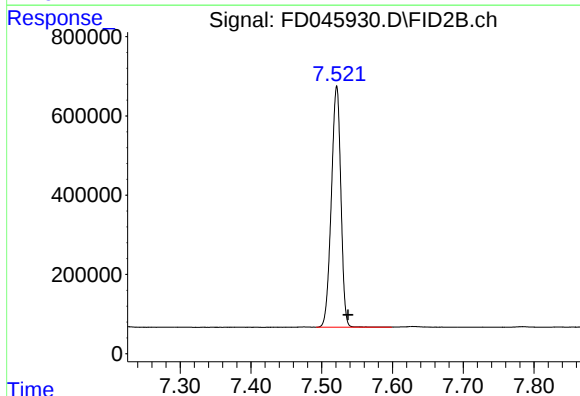
R.T.: 5.859 min
Delta R.T.: -0.017 min
Response: 67445
Conc: 0.32 ug/ml

Instrument :
FID_D
ClientSampleId :



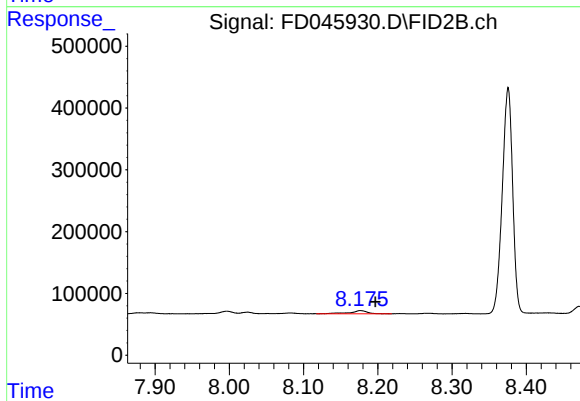
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.019 min
Response: 57469
Conc: 0.27 ug/ml



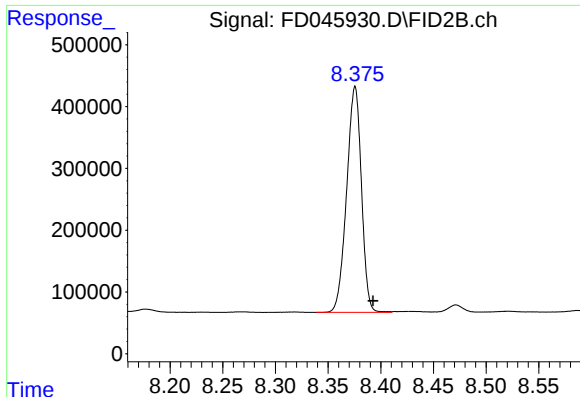
#4 2-Bromonaphthalene (SURR)

R.T.: 7.521 min
Delta R.T.: -0.016 min
Response: 5688894
Conc: 31.55 ug/ml



#5 Acenaphthylene (C15.06)

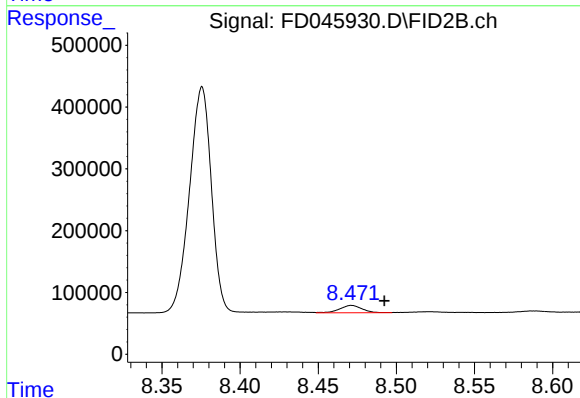
R.T.: 8.177 min
Delta R.T.: -0.020 min
Response: 84321
Conc: 0.45 ug/ml



#6 2-Fluorobiphenyl (SURR)

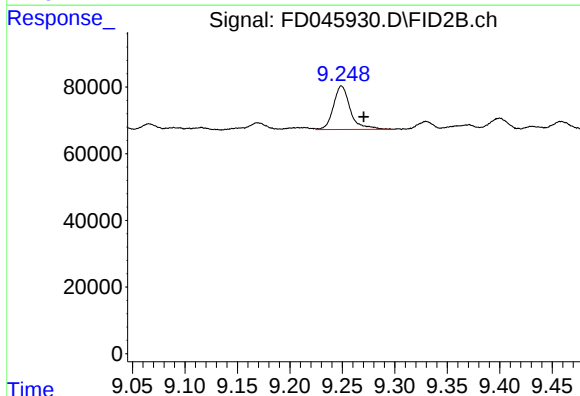
R.T.: 8.375 min
Delta R.T.: -0.017 min
Response: 3573515
Conc: 29.72 ug/ml

Instrument :
FID_D
ClientSampleId :



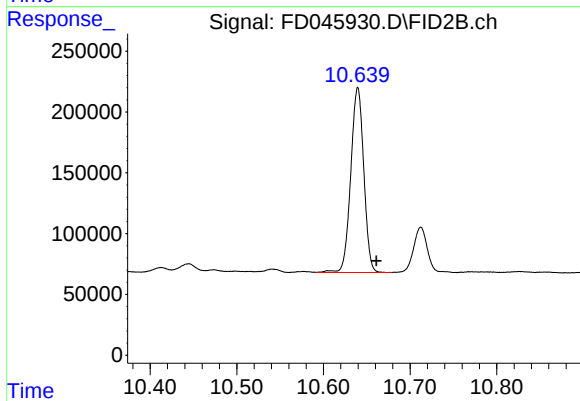
#7 Acenaphthene (C15.5)

R.T.: 8.471 min
Delta R.T.: -0.021 min
Response: 119435
Conc: 0.59 ug/ml



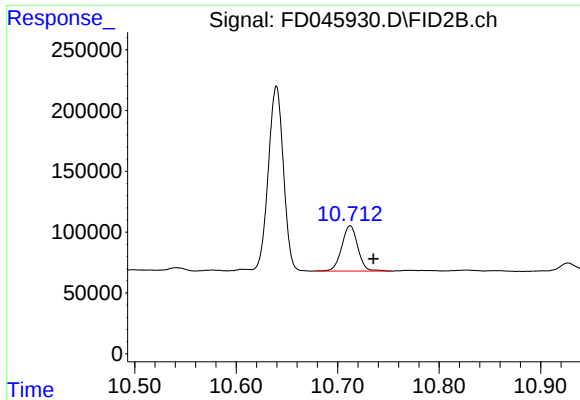
#8 Flouorene (C16.55)

R.T.: 9.249 min
Delta R.T.: -0.021 min
Response: 145549
Conc: 0.73 ug/ml



#9 Phenanthrene (C19.36)

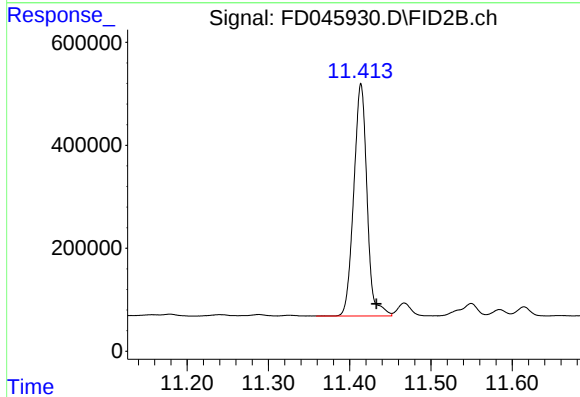
R.T.: 10.640 min
Delta R.T.: -0.021 min
Response: 1587062
Conc: 8.30 ug/ml



#10 Anthracene (C19.43)

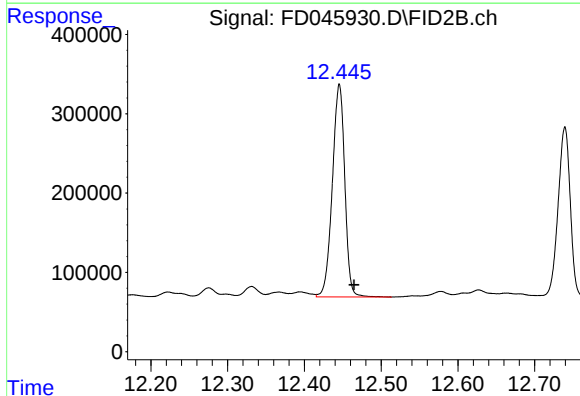
R.T.: 10.712 min
Delta R.T.: -0.023 min
Response: 408194
Conc: 2.40 ug/ml

Instrument :
FID_D
ClientSampleId :



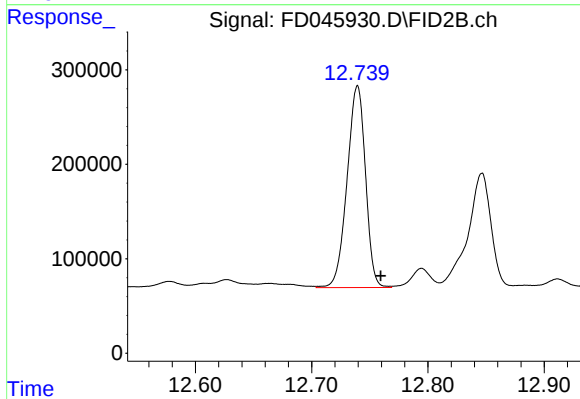
#11 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: -0.019 min
Response: 512695
Conc: 22.95 ug/ml



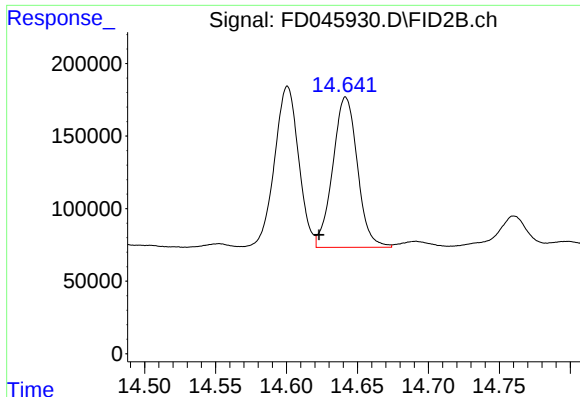
#12 Fluoranthene (C21.85)

R.T.: 12.445 min
Delta R.T.: -0.020 min
Response: 3016509
Conc: 16.33 ug/ml



#13 Pyrene (C20.8)

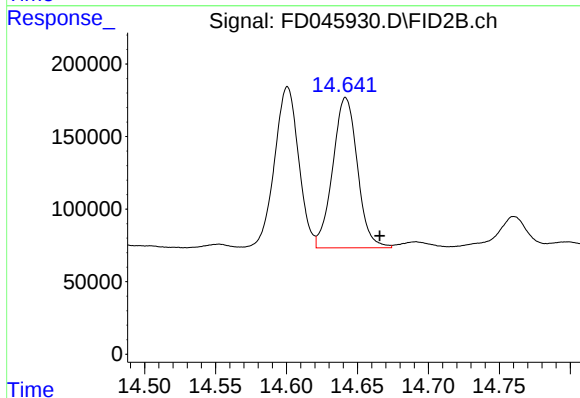
R.T.: 12.739 min
Delta R.T.: -0.020 min
Response: 2356095
Conc: 13.19 ug/ml



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

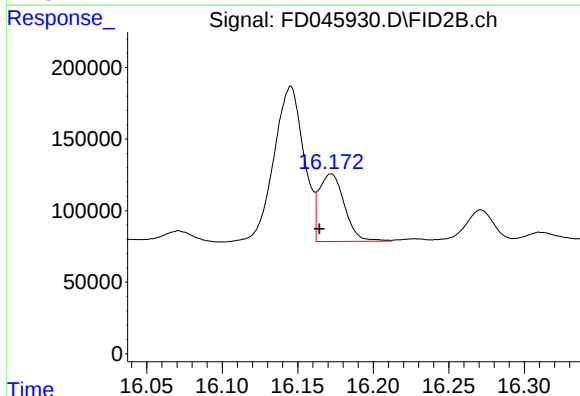
R.T.: 14.642 min
Delta R.T.: 0.019 min
Response: 1254045
Conc: 8.01 ug/ml

Instrument :
FID_D
ClientSampleId :



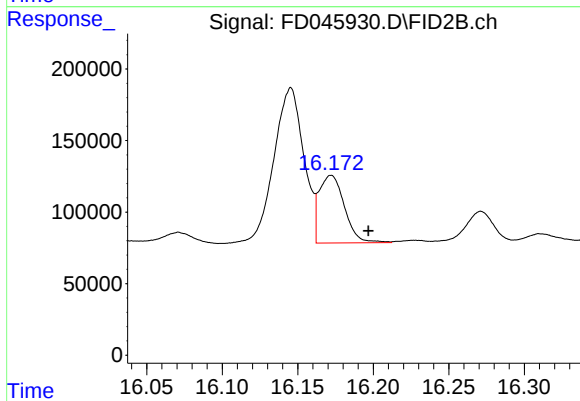
#15 Chrysene (C27.41)

R.T.: 14.642 min
Delta R.T.: -0.024 min
Response: 1254045
Conc: 7.60 ug/ml



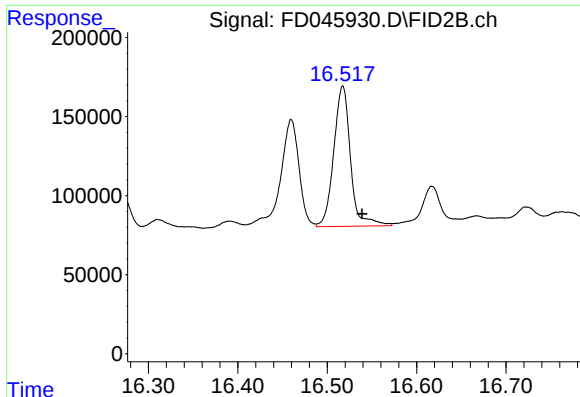
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.172 min
Delta R.T.: 0.007 min
Response: 552876
Conc: 3.65 ug/ml



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

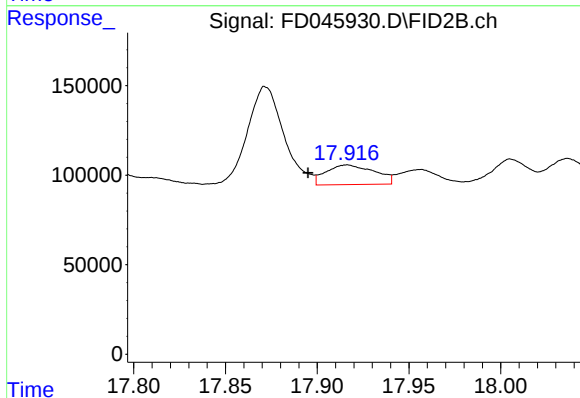
R.T.: 16.172 min
Delta R.T.: -0.025 min
Response: 552876
Conc: 3.57 ug/ml



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

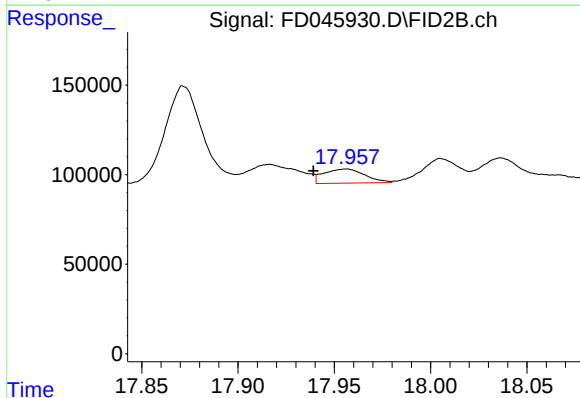
R.T.: 16.517 min
Delta R.T.: -0.022 min
Response: 1156137
Conc: 7.91 ug/ml

Instrument :
FID_D
ClientSampleId :



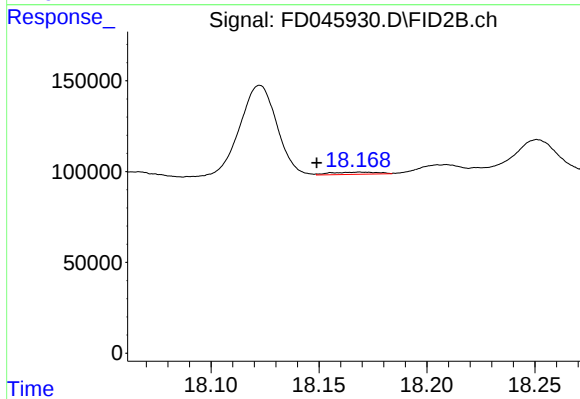
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.021 min
Response: 201417
Conc: 1.38 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.017 min
Response: 116756
Conc: 0.78 ug/ml



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

R.T.: 18.169 min
Delta R.T.: 0.020 min
Response: 18411
Conc: 0.12 ug/ml