

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045941.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 00:52
 Operator : YP/AJ
 Sample : 03331-22
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 24 01:35:32 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...	7.522	8338771	46.253 ug/ml
Spiked Amount 50.000		Recovery =	92.51%
6) S 2-Fluorobiphenyl (SURR)	8.378	5397019	44.890 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.78%
11) S ortho-Terphenyl (SURR)	11.416	7587828	33.970 ug/ml
Spiked Amount 50.000		Recovery =	67.94%
Target Compounds			
2) T Naphthalene (C11.7)	5.860	78339	0.370 ug/ml
3) T 2-Methylnaphthalene (...)	6.908	52381	0.248 ug/ml
5) T Acenaphthylene (C15.06)	8.178	65024	0.343 ug/ml
7) T Acenaphthene (C15.5)	8.472	80808	0.400 ug/ml
8) T Flouorene (C16.55)	9.250	85766	0.433 ug/ml
9) T Phenanthrene (C19.36)	10.639	917759	4.797 ug/ml
10) T Anthracene (C19.43)	10.713	224044	1.315 ug/ml
12) T Fluoranthene (C21.85)	12.444	1632403	8.836 ug/ml
13) T Pyrene (C20.8)	12.738	1320294	7.393 ug/ml
14) T Benzo[a]anthracene (C...	14.641	792928	5.064 ug/ml
15) T Chrysene (C27.41)	14.641	792928	4.806 ug/ml
16) T benzo[b]fluoranthene ...	16.172	327706	2.165 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	327706	2.117 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	237913	1.627 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.873	566177	3.866 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	75607	0.504 ug/ml
21) T Benzo[g,h,i]perylene ...	18.123	421562	2.857 ug/ml

(f)=RT Delta > 1/2 Window

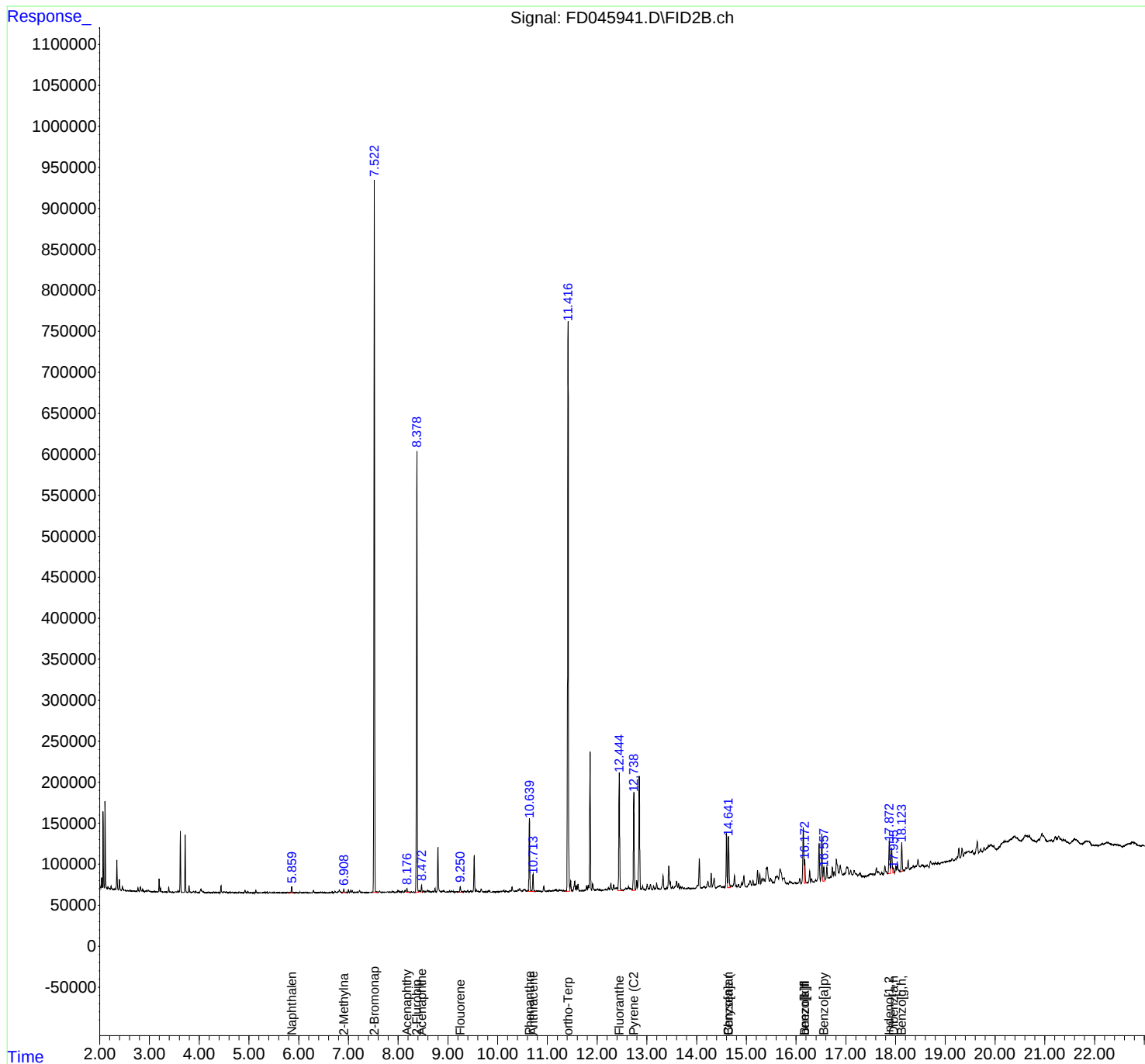
(m)=manual int.

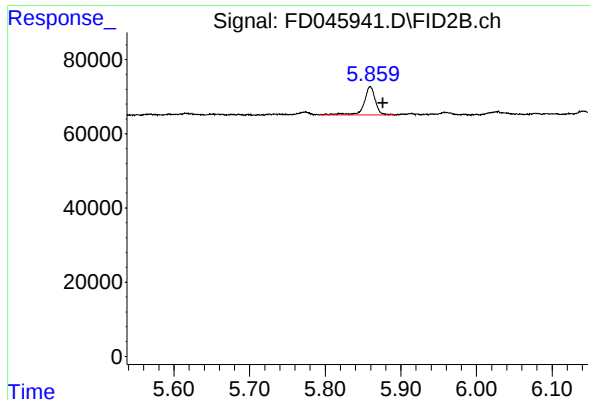
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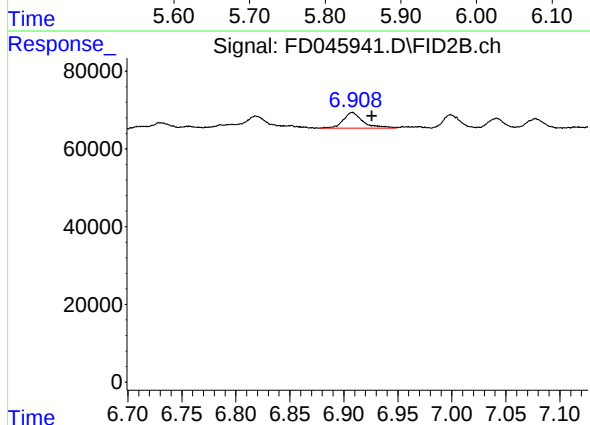




#2 Naphthalene (C11.7)

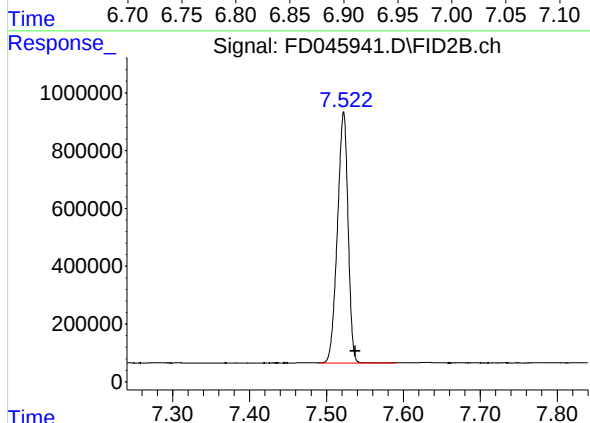
R.T.: 5.860 min
Delta R.T.: -0.017 min
Response: 78339
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



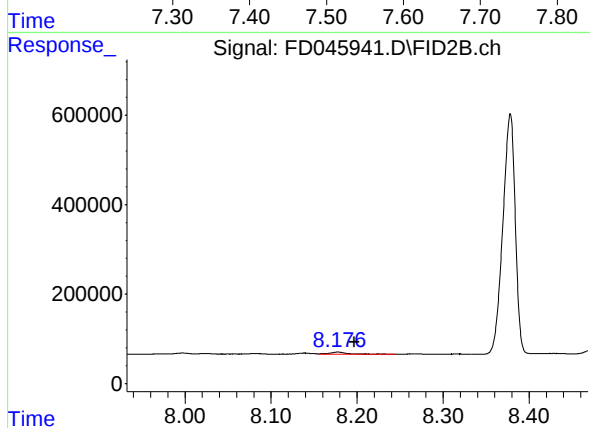
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: -0.018 min
Response: 52381
Conc: 0.25 ug/ml



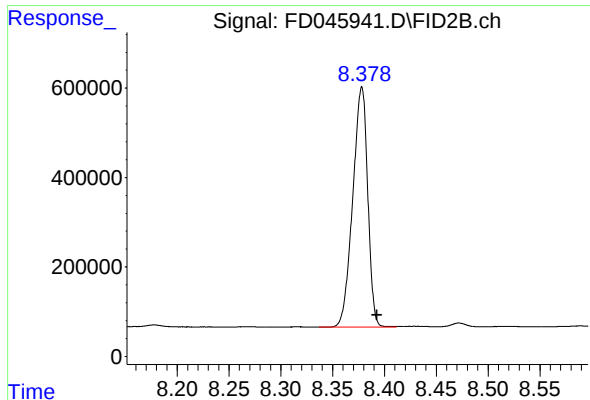
#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min
Delta R.T.: -0.015 min
Response: 8338771
Conc: 46.25 ug/ml



#5 Acenaphthylene (C15.06)

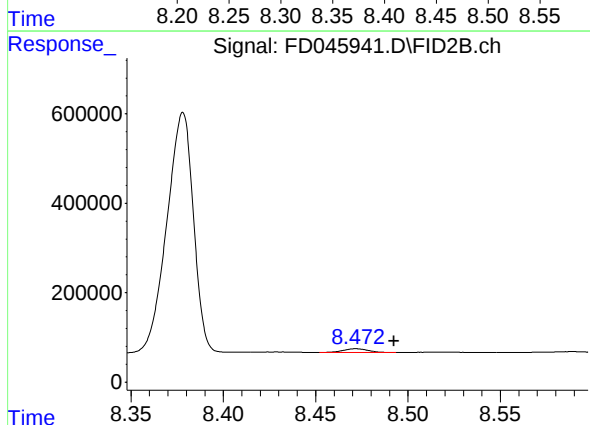
R.T.: 8.178 min
Delta R.T.: -0.019 min
Response: 65024
Conc: 0.34 ug/ml



#6 2-Fluorobiphenyl (SURR)

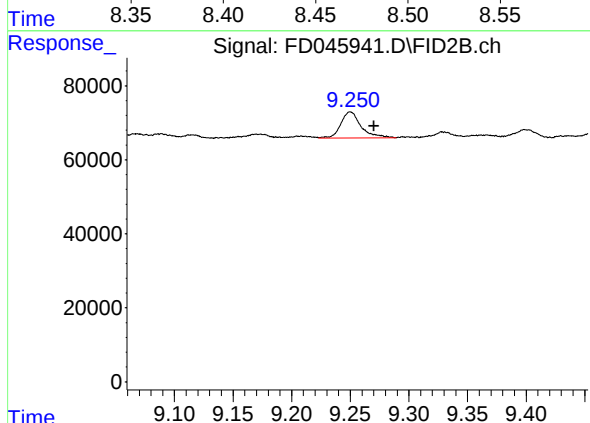
R.T.: 8.378 min
Delta R.T.: -0.015 min
Response: 5397019
Conc: 44.89 ug/ml

Instrument :
FID_D
ClientSampleId :



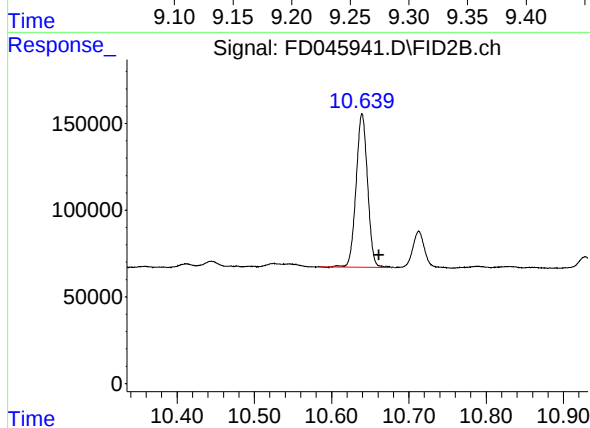
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: -0.020 min
Response: 80808
Conc: 0.40 ug/ml



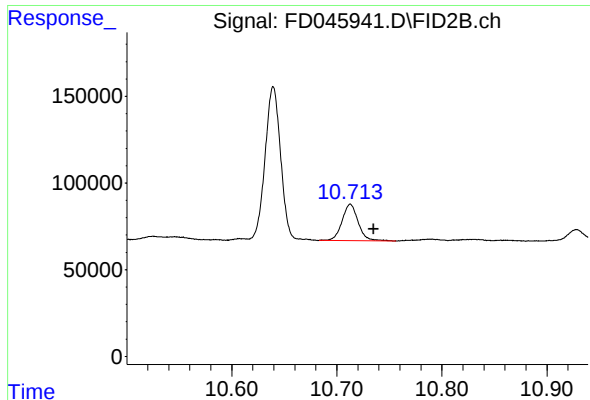
#8 Flouorene (C16.55)

R.T.: 9.250 min
Delta R.T.: -0.020 min
Response: 85766
Conc: 0.43 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.639 min
Delta R.T.: -0.022 min
Response: 917759
Conc: 4.80 ug/ml



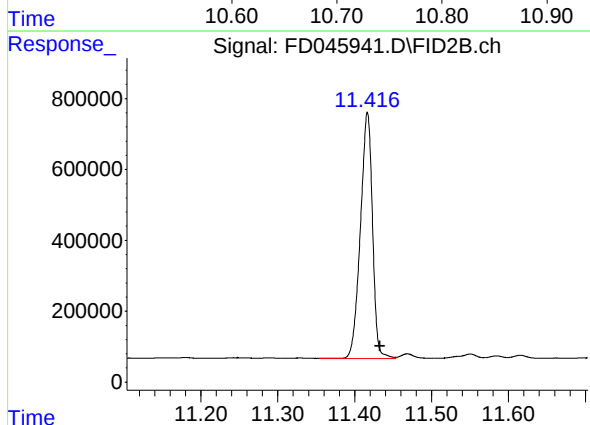
#10 Anthracene (C19.43)

R.T.: 10.713 min
Delta R.T.: -0.022 min
Response: 224044
Conc: 1.32 ug/ml

Instrument :

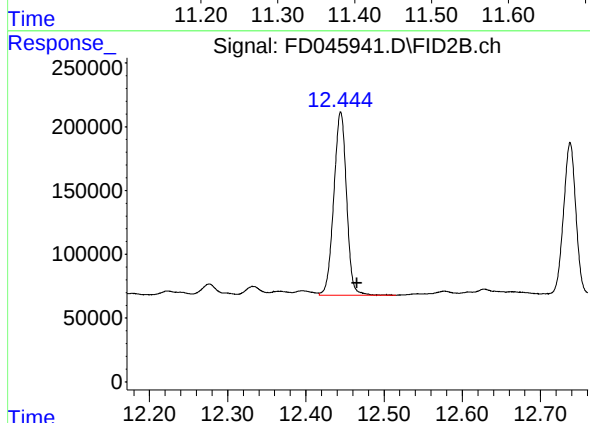
FID_D

ClientSampleId :



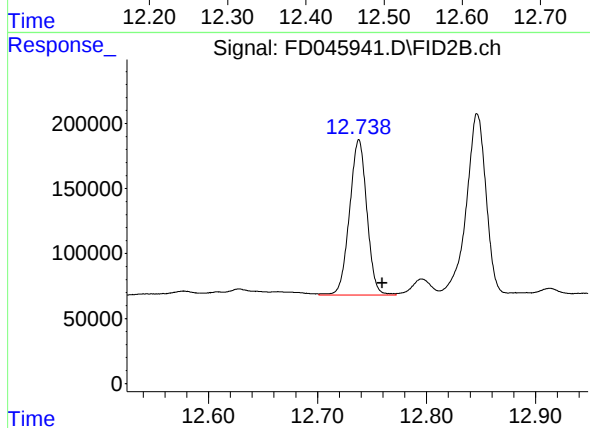
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: -0.016 min
Response: 7587828
Conc: 33.97 ug/ml



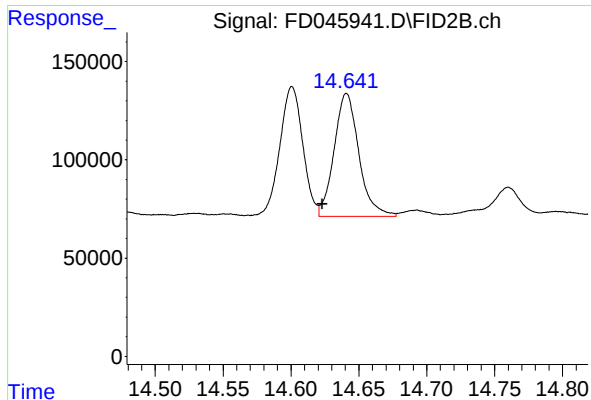
#12 Fluoranthene (C21.85)

R.T.: 12.444 min
Delta R.T.: -0.021 min
Response: 1632403
Conc: 8.84 ug/ml



#13 Pyrene (C20.8)

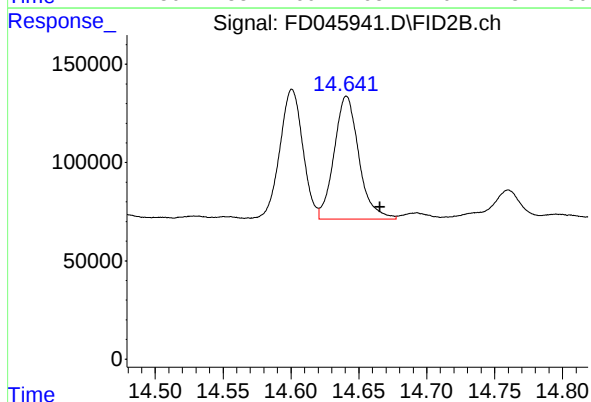
R.T.: 12.738 min
Delta R.T.: -0.022 min
Response: 1320294
Conc: 7.39 ug/ml



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

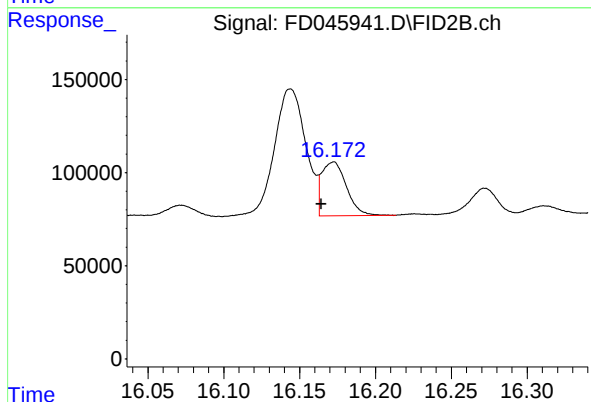
R.T.: 14.641 min
Delta R.T.: 0.018 min
Response: 792928
Conc: 5.06 ug/ml

Instrument :
FID_D
ClientSampleId :



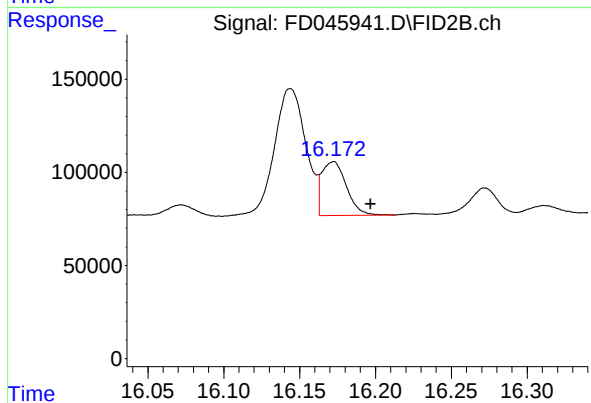
#15 Chrysene (C27.41)

R.T.: 14.641 min
Delta R.T.: -0.025 min
Response: 792928
Conc: 4.81 ug/ml



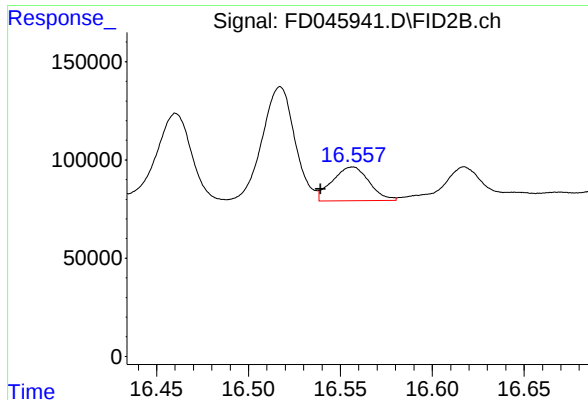
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.172 min
Delta R.T.: 0.007 min
Response: 327706
Conc: 2.17 ug/ml



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

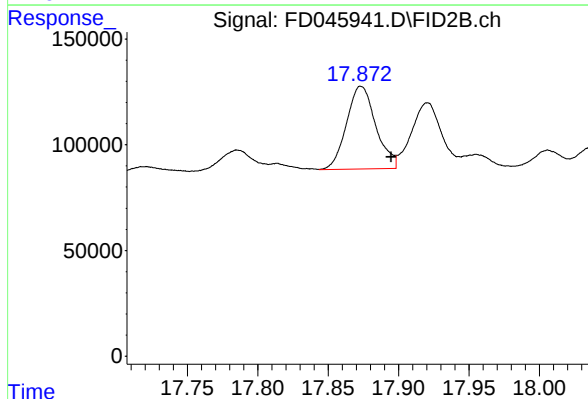
R.T.: 16.172 min
Delta R.T.: -0.025 min
Response: 327706
Conc: 2.12 ug/ml



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

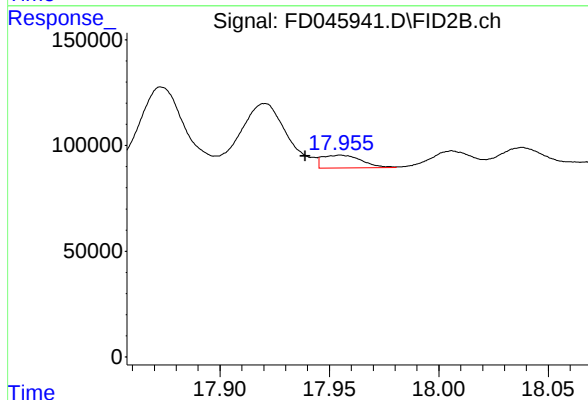
R.T.: 16.556 min
Delta R.T.: 0.017 min
Response: 237913
Conc: 1.63 ug/ml

Instrument :
FID_D
ClientSampleId :



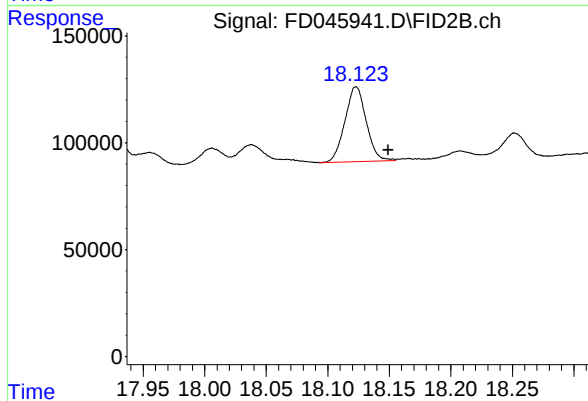
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.873 min
Delta R.T.: -0.022 min
Response: 566177
Conc: 3.87 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.016 min
Response: 75607
Conc: 0.50 ug/ml



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

R.T.: 18.123 min
Delta R.T.: -0.026 min
Response: 421562
Conc: 2.86 ug/ml