

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045928.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jun 2023 15:53
 Operator : YP/AJ
 Sample : 03328-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 23 17:27:57 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	8562146	47.492 ug/ml
Spiked Amount 50.000		Recovery =	94.98%
6) S 2-Fluorobiphenyl (SURR)	8.376	5307100	44.142 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.28%
11) S ortho-Terphenyl (SURR)	11.416	9547365	42.743 ug/ml
Spiked Amount 50.000		Recovery =	85.49%
Target Compounds			
2) T Naphthalene (C11.7)	5.858	132530	0.625 ug/ml
3) T 2-Methylnaphthalene (...)	6.906	105950	0.502 ug/ml
5) T Acenaphthylene (C15.06)	8.176	383646	2.025 ug/ml
7) T Acenaphthene (C15.5)	8.471	195516	0.967 ug/ml
8) T Fluorene (C16.55)	9.248	257169	1.298 ug/ml
9) T Phenanthrene (C19.36)	10.639	2798077	14.626 ug/ml
10) T Anthracene (C19.43)	10.712	656887	3.856 ug/ml
12) T Fluoranthene (C21.85)	12.446	4815553	26.065 ug/ml
13) T Pyrene (C20.8)	12.739	3773034	21.126 ug/ml
14) T Benzo[a]anthracene (C...	14.642	2249862	14.370 ug/ml
15) T Chrysene (C27.41)	14.642	2249862	13.637 ug/ml
16) T benzo[b]fluoranthene ...	16.173	1039808	6.870 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	1039808	6.716 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	2124752	14.529 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.874	1654062	11.293 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	256519	1.710 ug/ml
21) T Benzo[g,h,i]perylene ...	18.168	66660	0.452 ug/ml

(f)=RT Delta > 1/2 Window

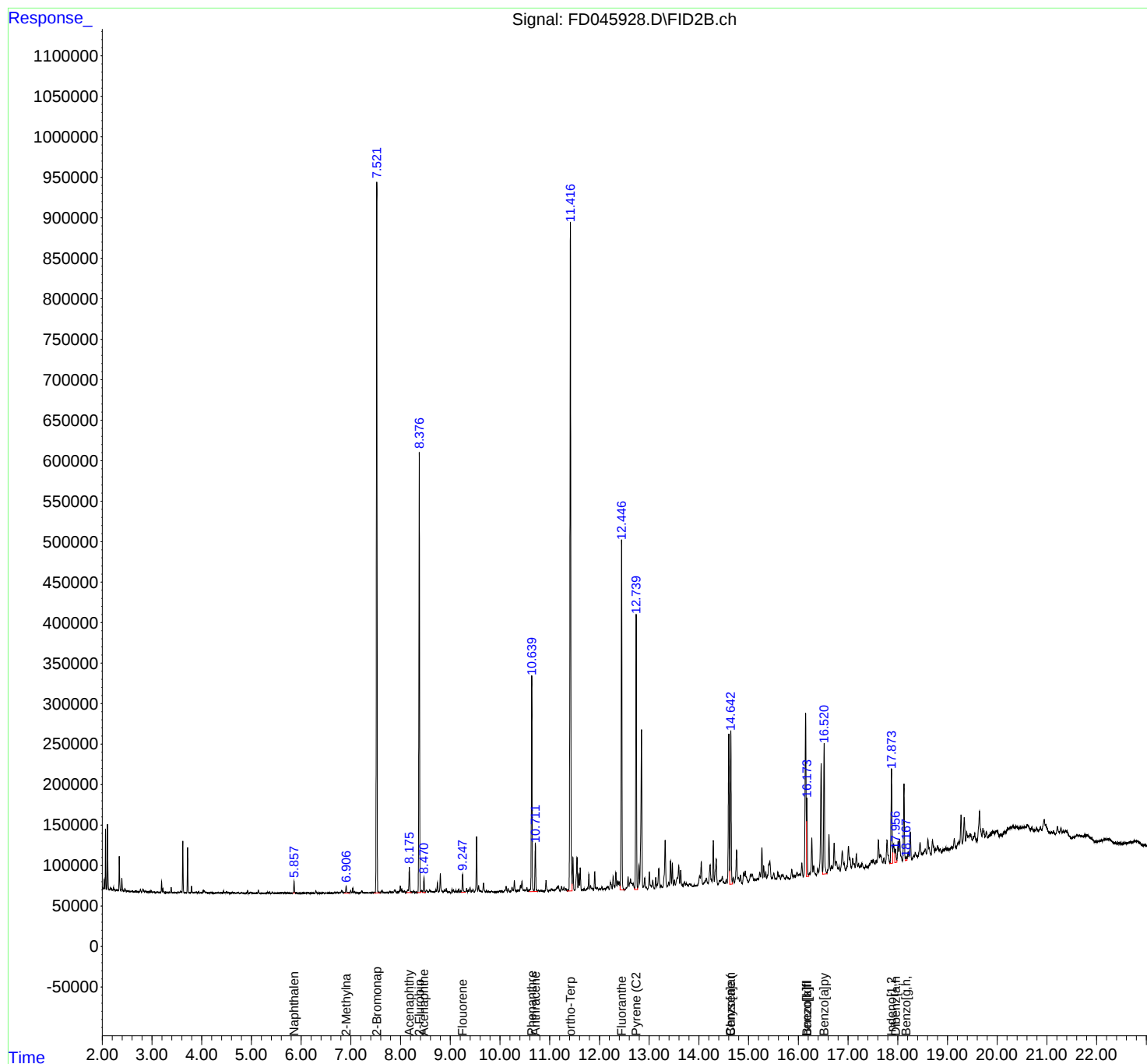
(m)=manual int.

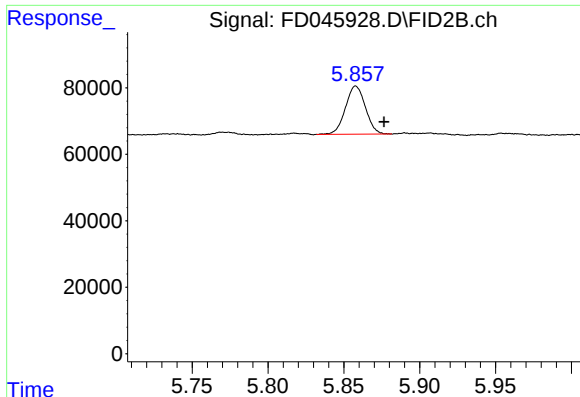
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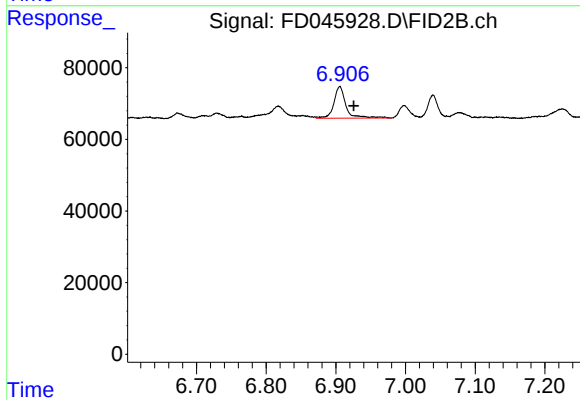




#2 Naphthalene (C11.7)

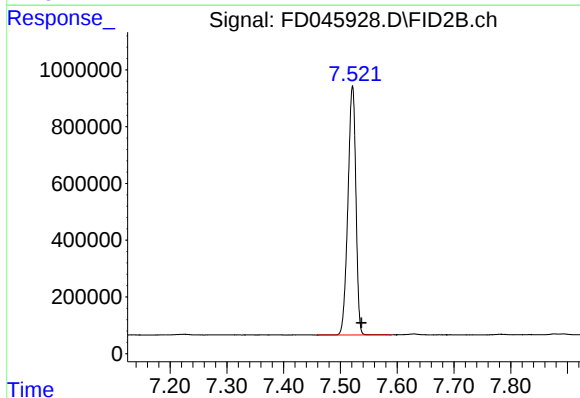
R.T.: 5.858 min
Delta R.T.: -0.018 min
Response: 132530
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :



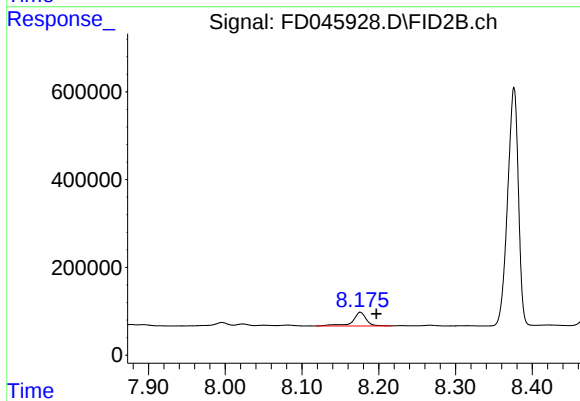
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: -0.020 min
Response: 105950
Conc: 0.50 ug/ml



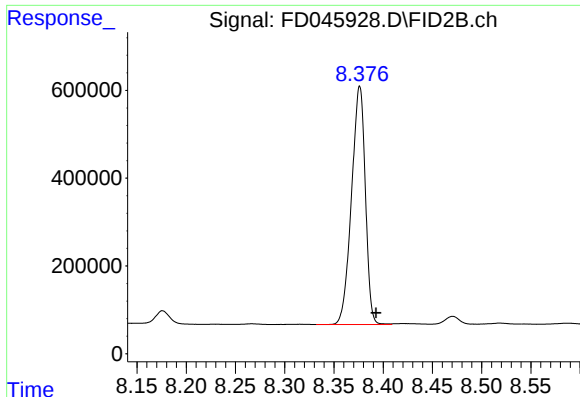
#4 2-Bromonaphthalene (SURR)

R.T.: 7.521 min
Delta R.T.: -0.016 min
Response: 8562146
Conc: 47.49 ug/ml



#5 Acenaphthylene (C15.06)

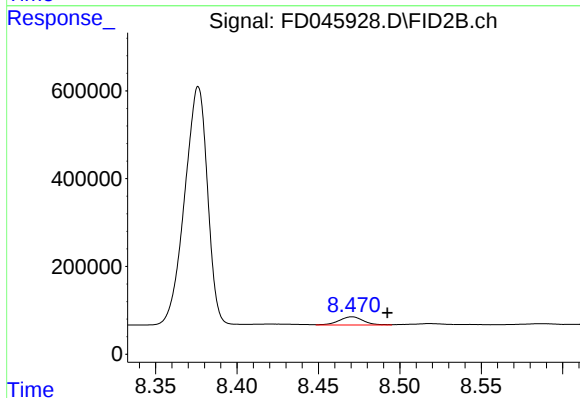
R.T.: 8.176 min
Delta R.T.: -0.021 min
Response: 383646
Conc: 2.02 ug/ml



#6 2-Fluorobiphenyl (SURR)

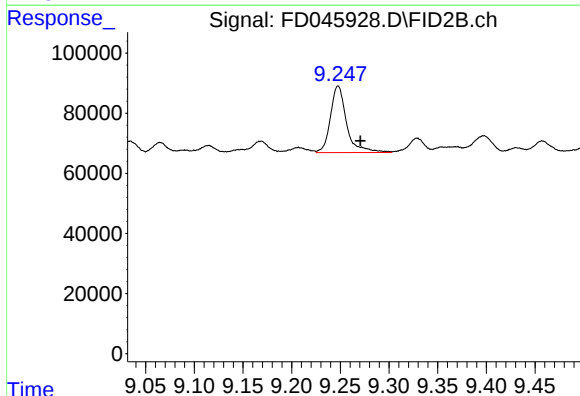
R.T.: 8.376 min
Delta R.T.: -0.017 min
Response: 5307100
Conc: 44.14 ug/ml

Instrument :
FID_D
ClientSampleId :



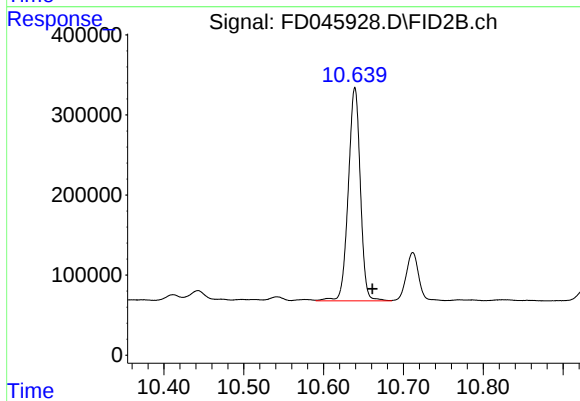
#7 Acenaphthene (C15.5)

R.T.: 8.471 min
Delta R.T.: -0.022 min
Response: 195516
Conc: 0.97 ug/ml



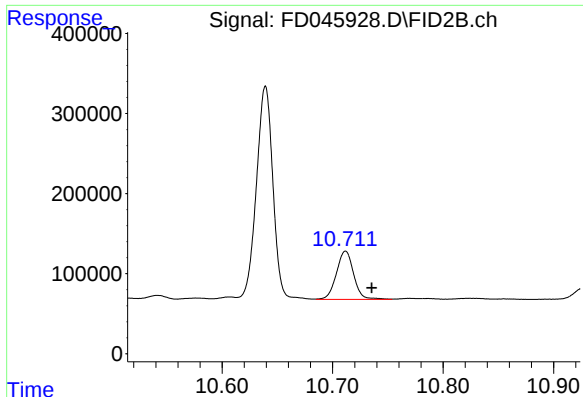
#8 Flouorene (C16.55)

R.T.: 9.248 min
Delta R.T.: -0.023 min
Response: 257169
Conc: 1.30 ug/ml



#9 Phenanthrene (C19.36)

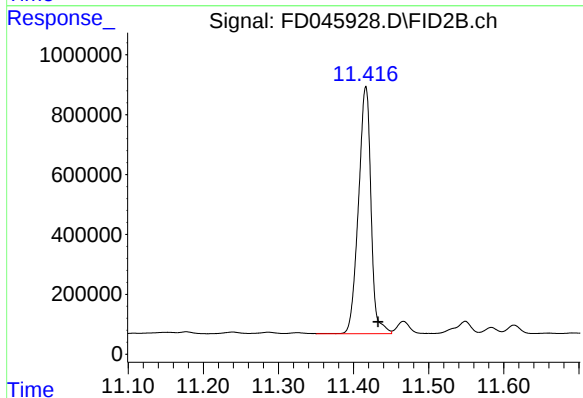
R.T.: 10.639 min
Delta R.T.: -0.022 min
Response: 2798077
Conc: 14.63 ug/ml



#10 Anthracene (C19.43)

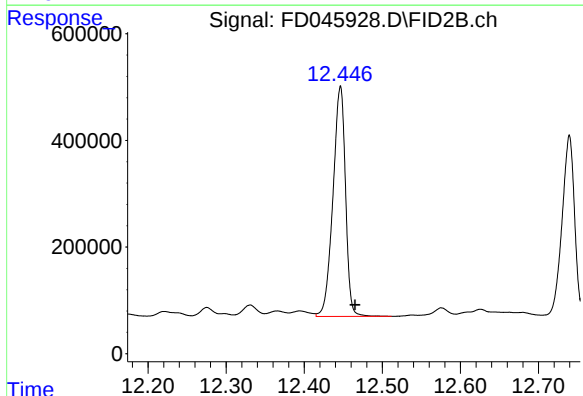
R.T.: 10.712 min
Delta R.T.: -0.024 min
Response: 656887
Conc: 3.86 ug/ml

Instrument :
FID_D
ClientSampleId :



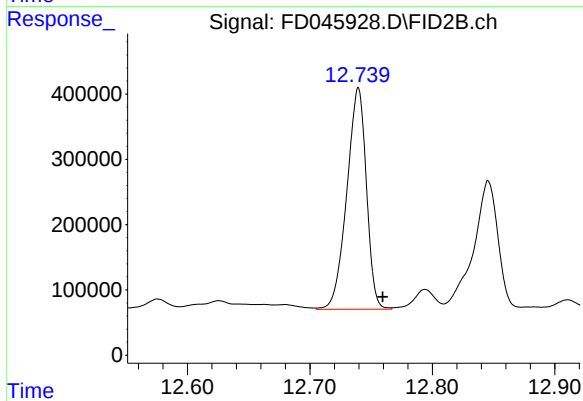
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: -0.017 min
Response: 9547365
Conc: 42.74 ug/ml



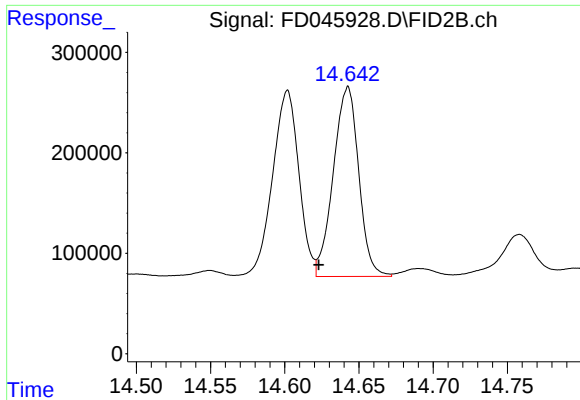
#12 Fluoranthene (C21.85)

R.T.: 12.446 min
Delta R.T.: -0.019 min
Response: 4815553
Conc: 26.07 ug/ml



#13 Pyrene (C20.8)

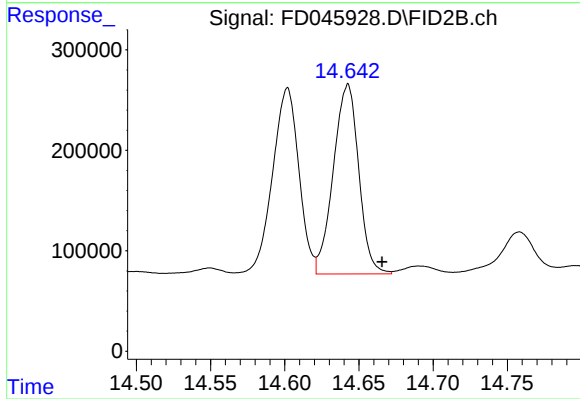
R.T.: 12.739 min
Delta R.T.: -0.020 min
Response: 3773034
Conc: 21.13 ug/ml



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

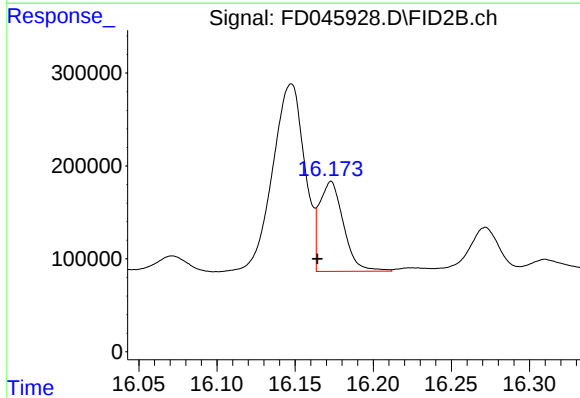
R.T.: 14.642 min
Delta R.T.: 0.019 min
Response: 2249862
Conc: 14.37 ug/ml

Instrument :
FID_D
ClientSampleId :



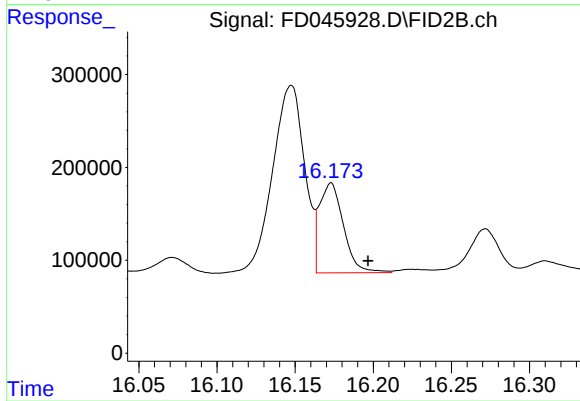
#15 Chrysene (C27.41)

R.T.: 14.642 min
Delta R.T.: -0.023 min
Response: 2249862
Conc: 13.64 ug/ml



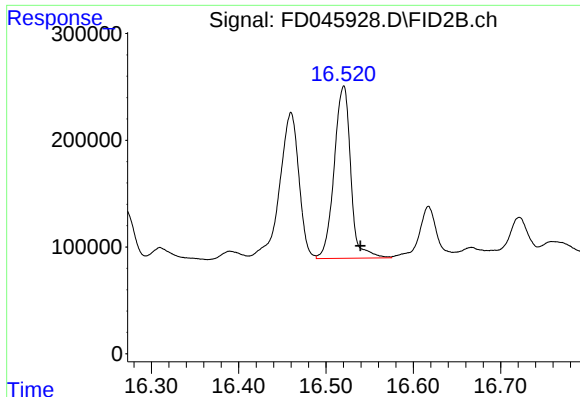
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.173 min
Delta R.T.: 0.008 min
Response: 1039808
Conc: 6.87 ug/ml



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

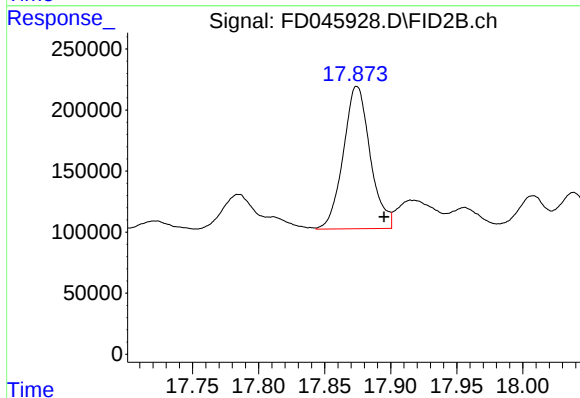
R.T.: 16.173 min
Delta R.T.: -0.024 min
Response: 1039808
Conc: 6.72 ug/ml



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

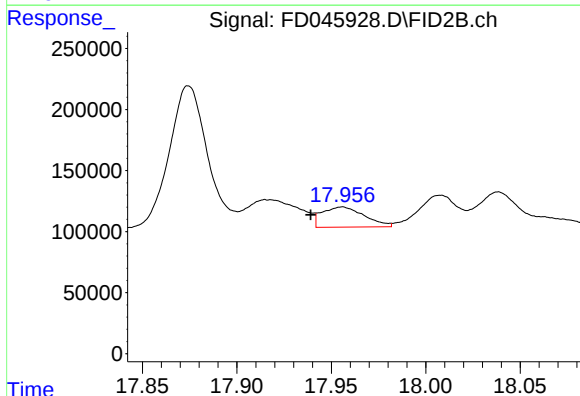
R.T.: 16.520 min
Delta R.T.: -0.019 min
Response: 2124752
Conc: 14.53 ug/ml

Instrument :
FID_D
ClientSampleId :



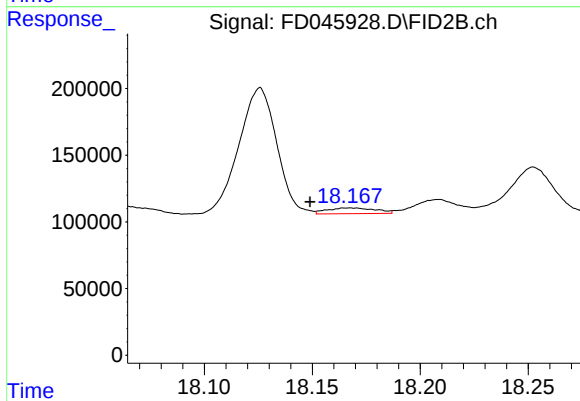
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.874 min
Delta R.T.: -0.021 min
Response: 1654062
Conc: 11.29 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.017 min
Response: 256519
Conc: 1.71 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.019 min
Response: 66660
Conc: 0.45 ug/ml