

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045931.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jun 2023 17:55
 Operator : YP/AJ
 Sample : 03329-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 24 00:30:45 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	7014792	38.909 ug/ml
Spiked Amount 50.000		Recovery =	77.82%
6) S 2-Fluorobiphenyl (SURR)	8.376	4310828	35.856 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.71%
11) S ortho-Terphenyl (SURR)	11.415	6185939	27.694 ug/ml
Spiked Amount 50.000		Recovery =	55.39%
Target Compounds			
2) T Naphthalene (C11.7)	5.859	128516	0.607 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	82808	0.392 ug/ml
5) T Acenaphthylene (C15.06)	8.178	132721	0.701 ug/ml
7) T Acenaphthene (C15.5)	8.472	112176	0.555 ug/ml
8) T Fluorene (C16.55)	9.250	106404	0.537 ug/ml
9) T Phenanthrene (C19.36)	10.640	1094341	5.720 ug/ml
10) T Anthracene (C19.43)	10.713	280602	1.647 ug/ml
12) T Fluoranthene (C21.85)	12.445	2206064	11.941 ug/ml
13) T Pyrene (C20.8)	12.738	1835157	10.275 ug/ml
14) T Benzo[a]anthracene (C...	14.641	1123748	7.177 ug/ml
15) T Chrysene (C27.41)	14.641	1123748	6.811 ug/ml
16) T benzo[b]fluoranthene ...	16.172	497879	3.290 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	497879	3.216 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.517	1083865	7.412 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.873	926718	6.327 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	193381	1.289 ug/ml
21) T Benzo[g,h,i]perylene ...	18.167	22012	0.149 ug/ml

(f)=RT Delta > 1/2 Window

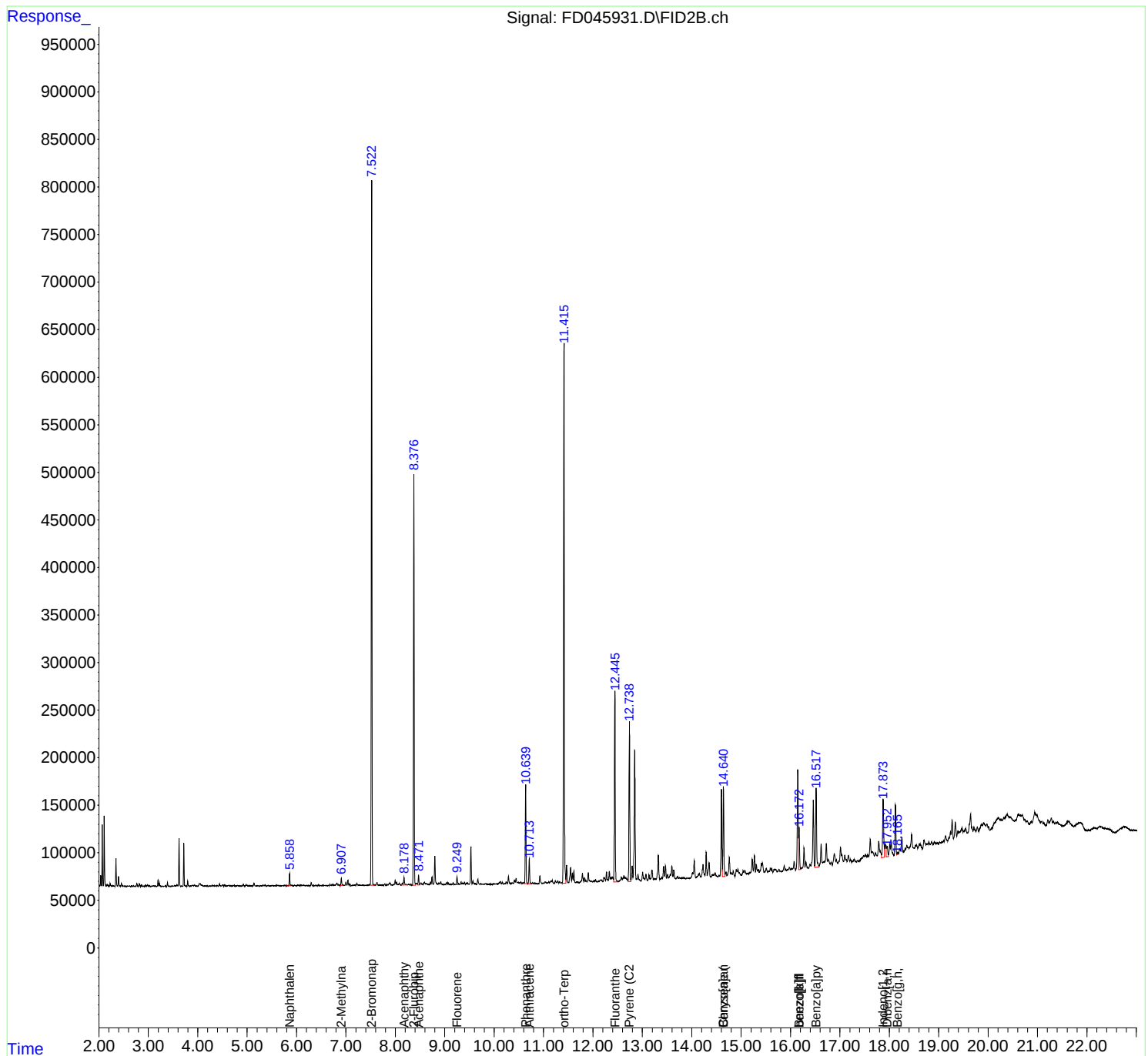
(m)=manual int.

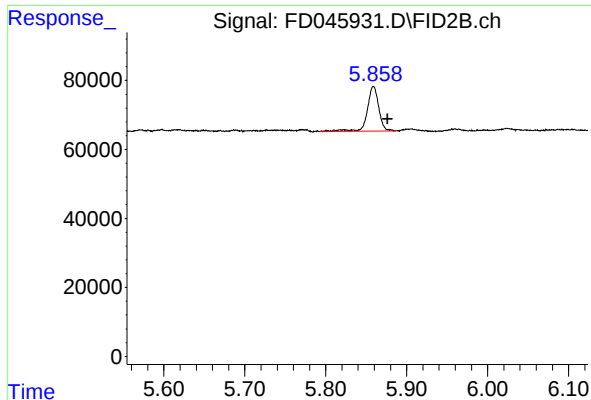
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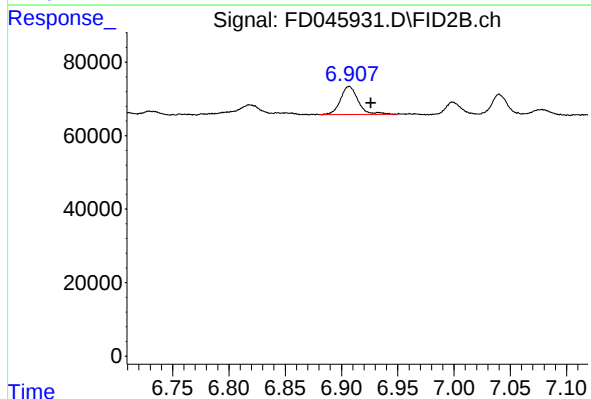




#2 Naphthalene (C11.7)

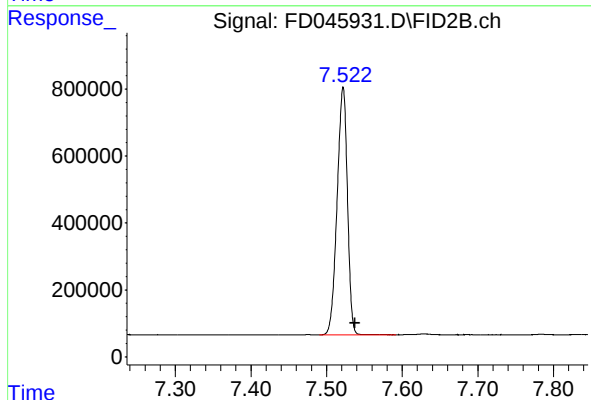
R.T.: 5.859 min
Delta R.T.: -0.017 min
Response: 128516
Conc: 0.61 ug/ml

Instrument :
FID_D
ClientSampleId :



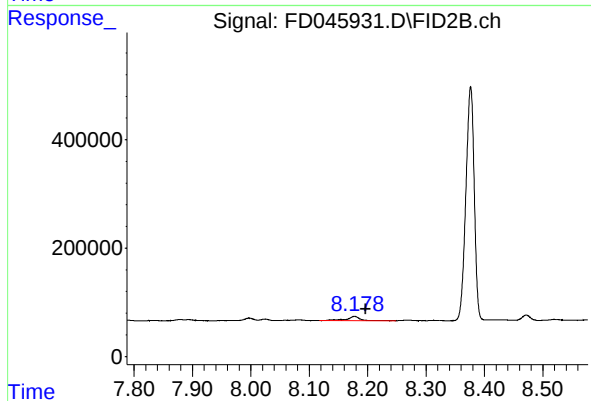
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.019 min
Response: 82808
Conc: 0.39 ug/ml



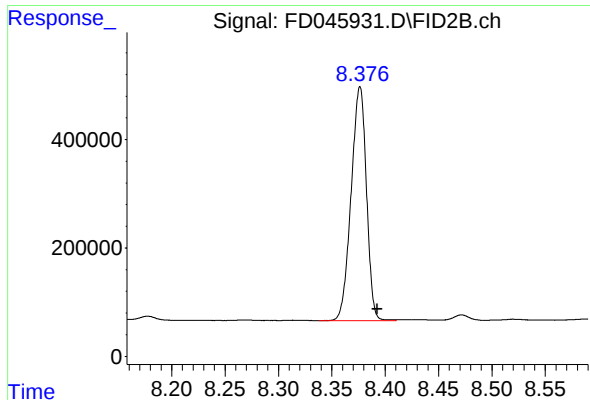
#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min
Delta R.T.: -0.016 min
Response: 7014792
Conc: 38.91 ug/ml



#5 Acenaphthylene (C15.06)

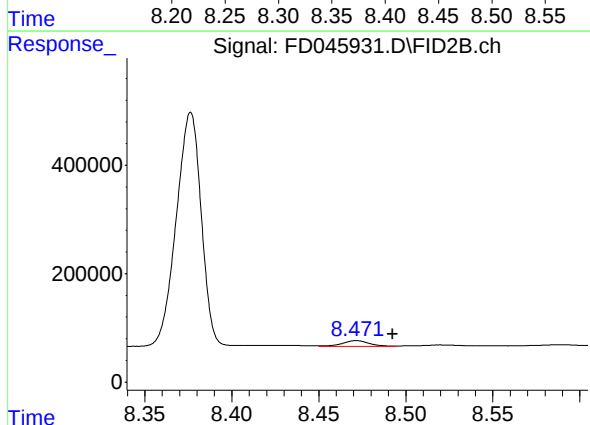
R.T.: 8.178 min
Delta R.T.: -0.019 min
Response: 132721
Conc: 0.70 ug/ml



#6 2-Fluorobiphenyl (SURR)

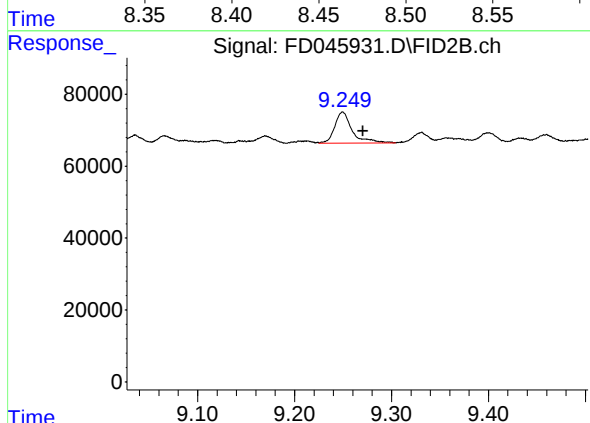
R.T.: 8.376 min
Delta R.T.: -0.017 min
Response: 4310828
Conc: 35.86 ug/ml

Instrument :
FID_D
ClientSampleId :



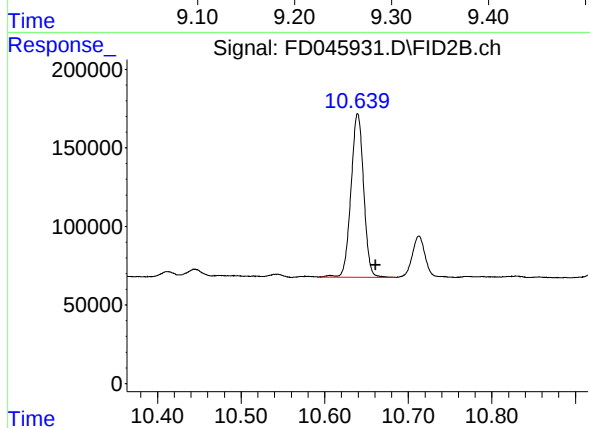
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: -0.021 min
Response: 112176
Conc: 0.55 ug/ml



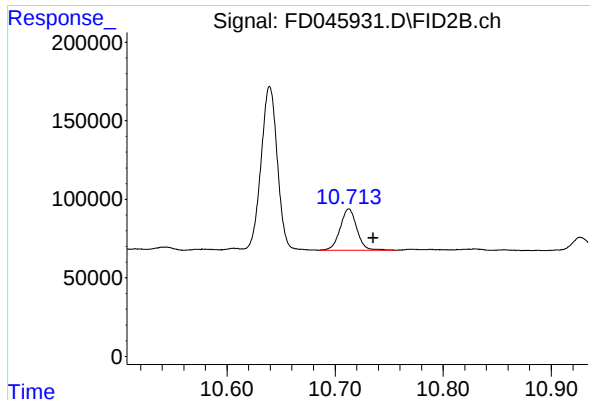
#8 Flouorene (C16.55)

R.T.: 9.250 min
Delta R.T.: -0.021 min
Response: 106404
Conc: 0.54 ug/ml



#9 Phenanthrene (C19.36)

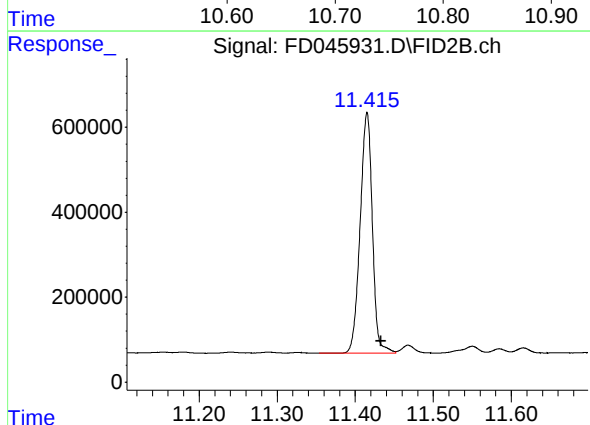
R.T.: 10.640 min
Delta R.T.: -0.022 min
Response: 1094341
Conc: 5.72 ug/ml



#10 Anthracene (C19.43)

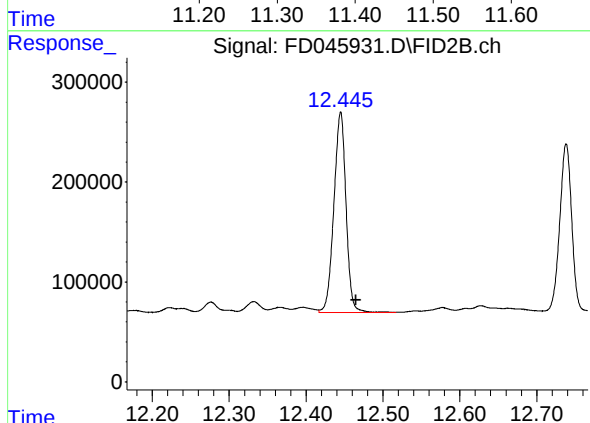
R.T.: 10.713 min
Delta R.T.: -0.023 min
Response: 280602
Conc: 1.65 ug/ml

Instrument :
FID_D
ClientSampleId :



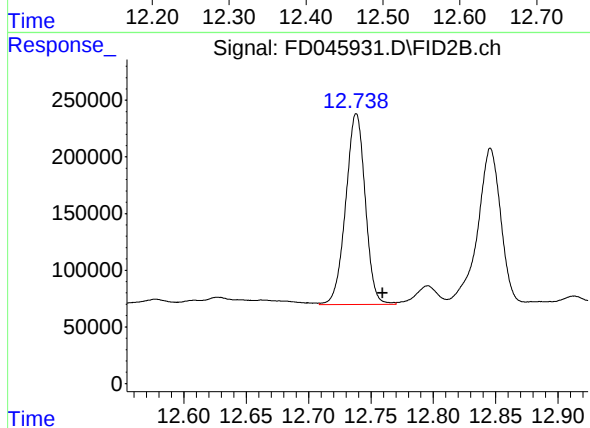
#11 ortho-Terphenyl (SURR)

R.T.: 11.415 min
Delta R.T.: -0.018 min
Response: 6185939
Conc: 27.69 ug/ml



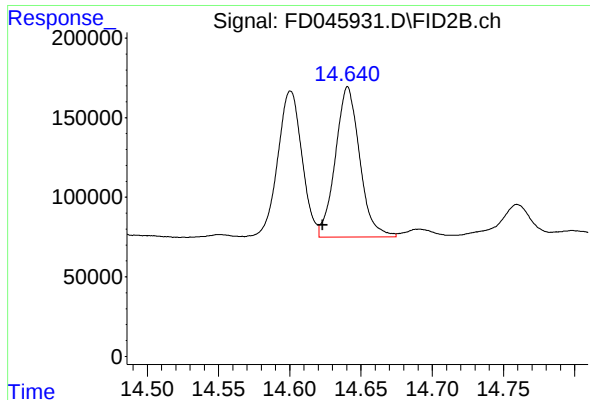
#12 Fluoranthene (C21.85)

R.T.: 12.445 min
Delta R.T.: -0.020 min
Response: 2206064
Conc: 11.94 ug/ml



#13 Pyrene (C20.8)

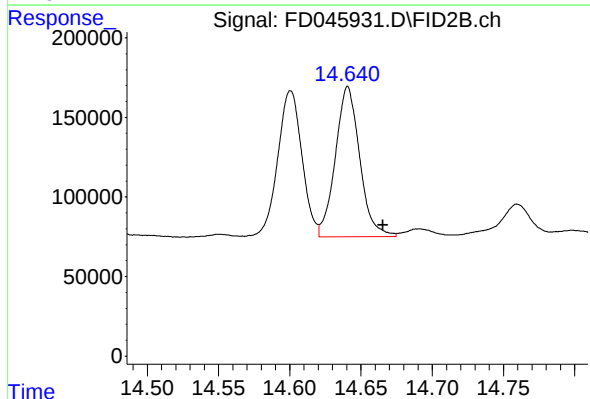
R.T.: 12.738 min
Delta R.T.: -0.021 min
Response: 1835157
Conc: 10.28 ug/ml



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

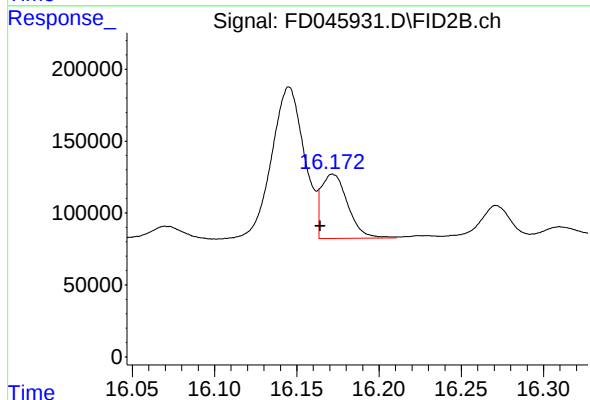
R.T.: 14.641 min
Delta R.T.: 0.018 min
Response: 1123748
Conc: 7.18 ug/ml

Instrument :
FID_D
ClientSampleId :



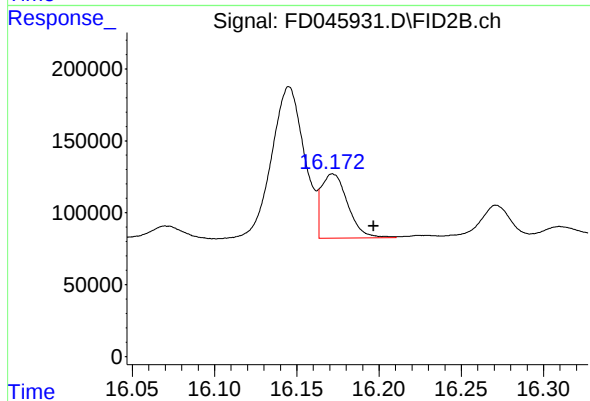
#15 Chrysene (C27.41)

R.T.: 14.641 min
Delta R.T.: -0.025 min
Response: 1123748
Conc: 6.81 ug/ml



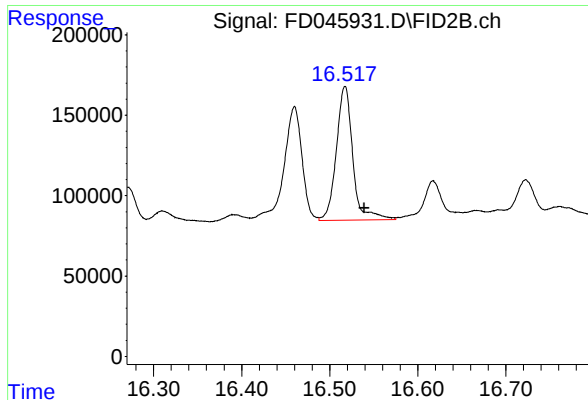
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.172 min
Delta R.T.: 0.007 min
Response: 497879
Conc: 3.29 ug/ml



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

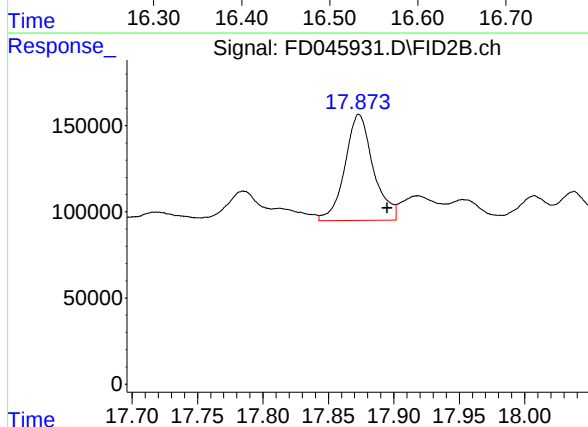
R.T.: 16.172 min
Delta R.T.: -0.025 min
Response: 497879
Conc: 3.22 ug/ml



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

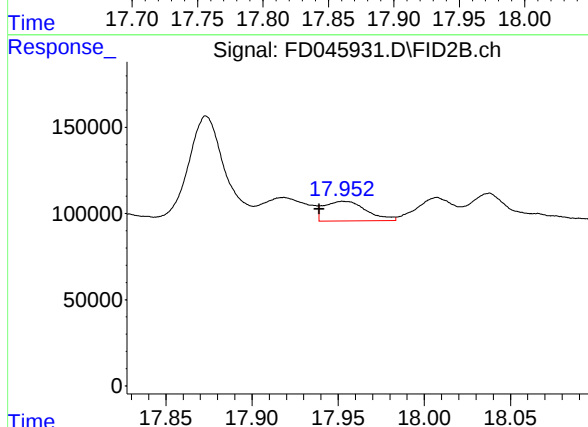
R.T.: 16.517 min
Delta R.T.: -0.022 min
Response: 1083865
Conc: 7.41 ug/ml

Instrument :
FID_D
ClientSampleId :



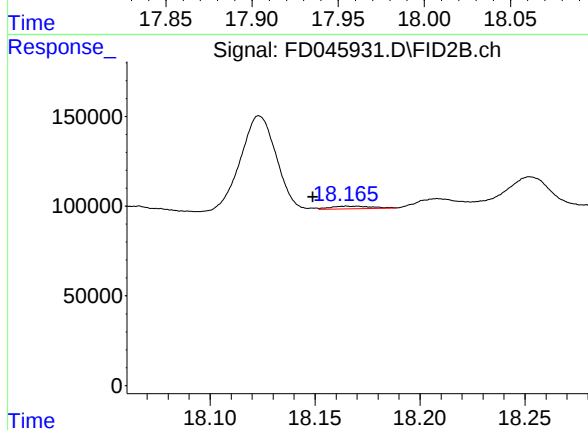
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.873 min
Delta R.T.: -0.022 min
Response: 926718
Conc: 6.33 ug/ml



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

R.T.: 17.953 min
Delta R.T.: 0.014 min
Response: 193381
Conc: 1.29 ug/ml



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

R.T.: 18.167 min
Delta R.T.: 0.018 min
Response: 22012
Conc: 0.15 ug/ml