

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045936.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jun 2023 21:21
 Operator : YP/AJ
 Sample : 03330-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 24 00:31:46 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	6339622	35.164 ug/ml
Spiked Amount 50.000		Recovery =	70.33%
6) S 2-Fluorobiphenyl (SURR)	8.376	3980403	33.107 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.21%
11) S ortho-Terphenyl (SURR)	11.414	5449973	24.399 ug/ml
Spiked Amount 50.000		Recovery =	48.80%
Target Compounds			
2) T Naphthalene (C11.7)	5.893	88161	0.416 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	58405	0.277 ug/ml
5) T Acenaphthylene (C15.06)	8.177	46895	0.248 ug/ml
7) T Acenaphthene (C15.5)	8.471	46132	0.228 ug/ml
8) T Fluorene (C16.55)	9.250	46631	0.235 ug/ml
9) T Phenanthrene (C19.36)	10.639	476792	2.492 ug/ml
10) T Anthracene (C19.43)	10.712	106390	0.625 ug/ml
12) T Fluoranthene (C21.85)	12.442	857552	4.642 ug/ml
13) T Pyrene (C20.8)	12.736	745196	4.172 ug/ml
14) T Benzo[a]anthracene (C...	14.639	485322	3.100 ug/ml
15) T Chrysene (C27.41)	14.639	485322	2.942 ug/ml
16) T benzo[b]fluoranthene ...	16.169	199512	1.318 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	199512	1.289 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.515	499020	3.412 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	103469	0.706 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	80455	0.536 ug/ml
21) T Benzo[g,h,i]perylene ...	18.121	239169	1.621 ug/ml

(f)=RT Delta > 1/2 Window

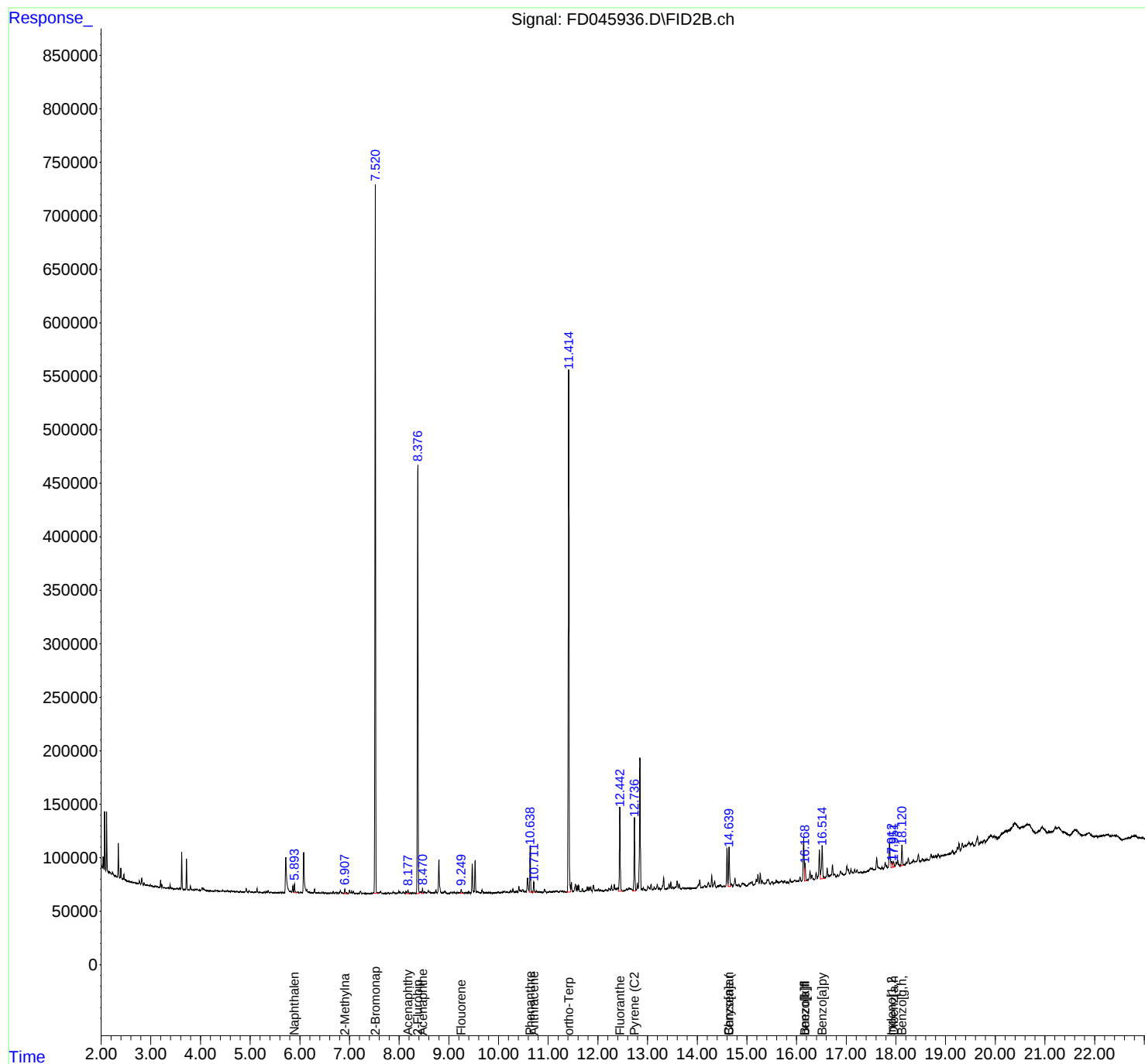
(m)=manual int.

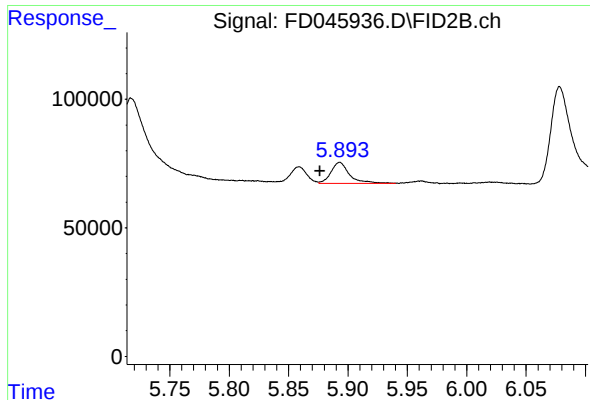
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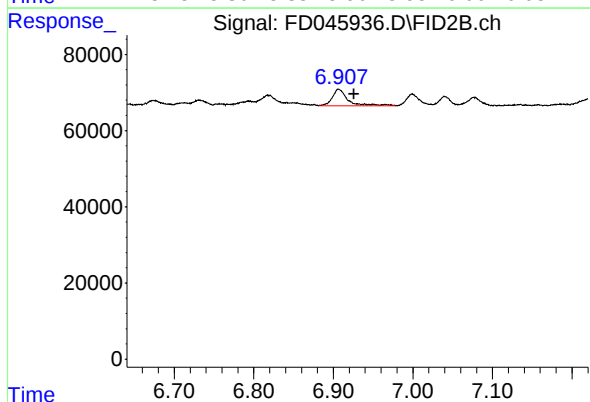




#2 Naphthalene (C11.7)

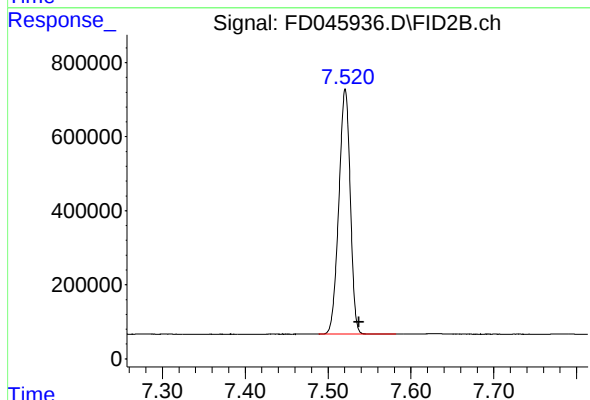
R.T.: 5.893 min
Delta R.T.: 0.017 min
Response: 88161
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



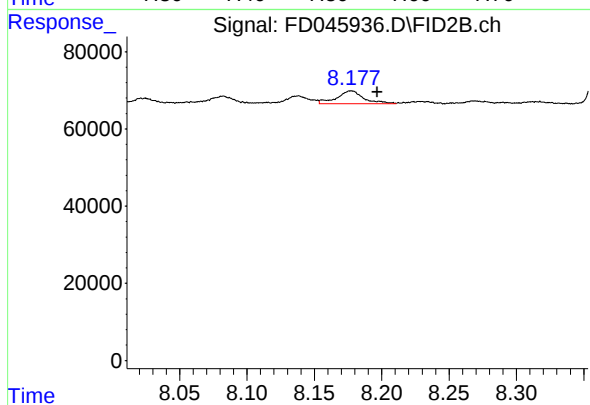
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.019 min
Response: 58405
Conc: 0.28 ug/ml



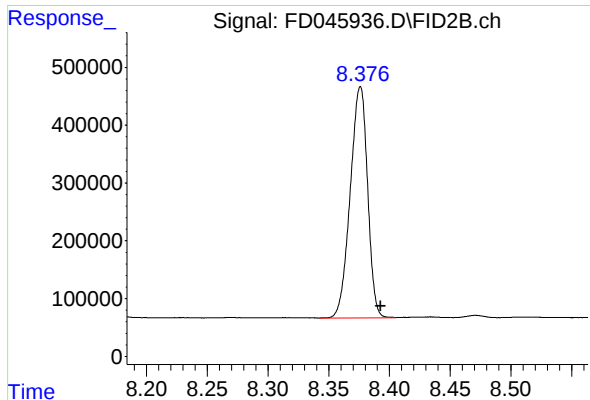
#4 2-Bromonaphthalene (SURR)

R.T.: 7.521 min
Delta R.T.: -0.017 min
Response: 6339622
Conc: 35.16 ug/ml



#5 Acenaphthylene (C15.06)

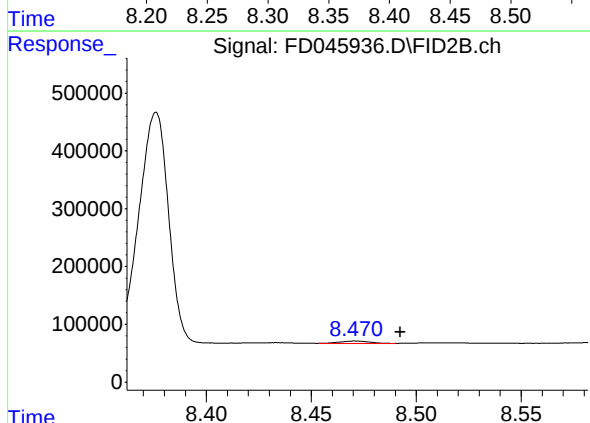
R.T.: 8.177 min
Delta R.T.: -0.020 min
Response: 46895
Conc: 0.25 ug/ml



#6 2-Fluorobiphenyl (SURR)

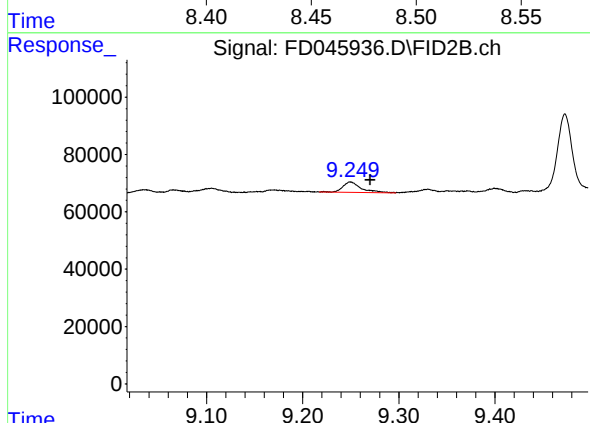
R.T.: 8.376 min
Delta R.T.: -0.017 min
Response: 3980403
Conc: 33.11 ug/ml

Instrument :
FID_D
ClientSampleId :



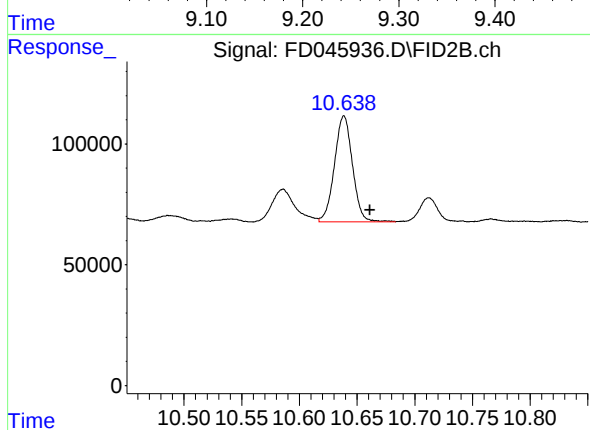
#7 Acenaphthene (C15.5)

R.T.: 8.471 min
Delta R.T.: -0.021 min
Response: 46132
Conc: 0.23 ug/ml



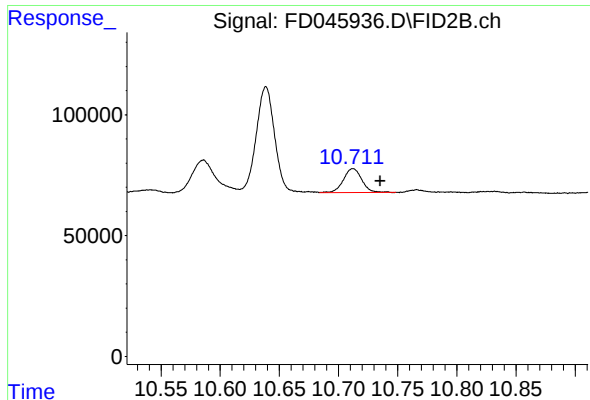
#8 Flouorene (C16.55)

R.T.: 9.250 min
Delta R.T.: -0.021 min
Response: 46631
Conc: 0.24 ug/ml



#9 Phenanthrene (C19.36)

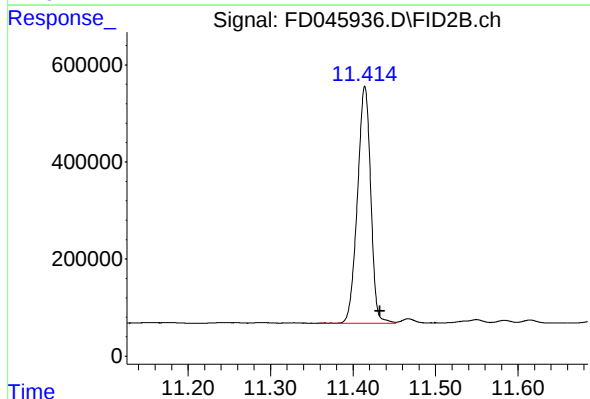
R.T.: 10.639 min
Delta R.T.: -0.022 min
Response: 476792
Conc: 2.49 ug/ml



#10 Anthracene (C19.43)

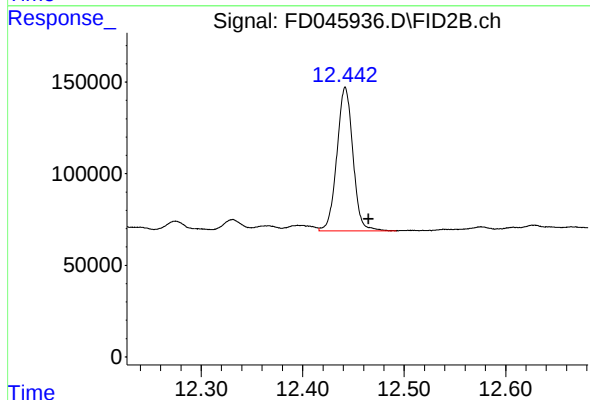
R.T.: 10.712 min
Delta R.T.: -0.023 min
Response: 106390
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



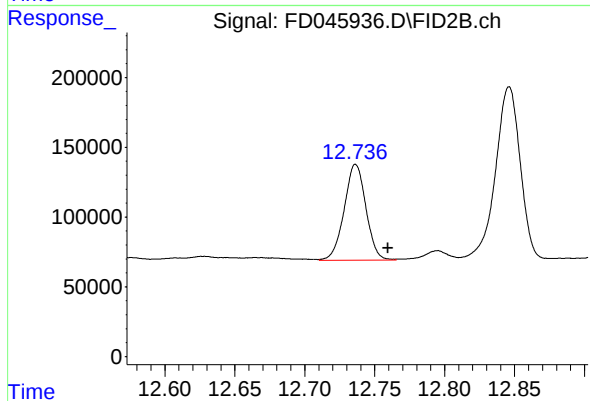
#11 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: -0.018 min
Response: 5449973
Conc: 24.40 ug/ml



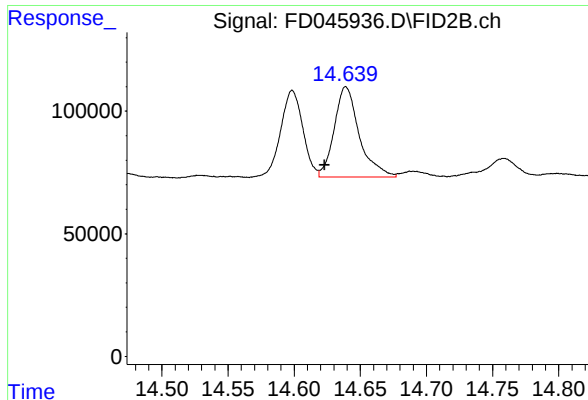
#12 Fluoranthene (C21.85)

R.T.: 12.442 min
Delta R.T.: -0.023 min
Response: 857552
Conc: 4.64 ug/ml



#13 Pyrene (C20.8)

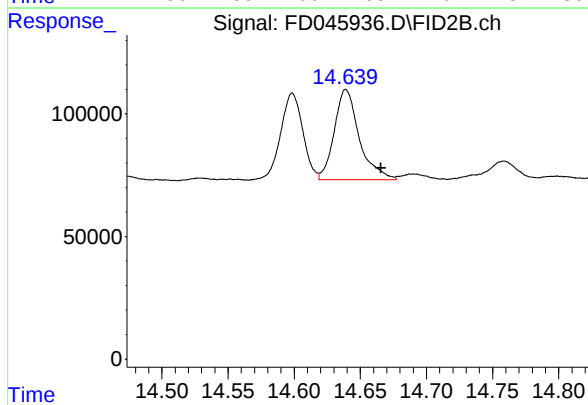
R.T.: 12.736 min
Delta R.T.: -0.023 min
Response: 745196
Conc: 4.17 ug/ml



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

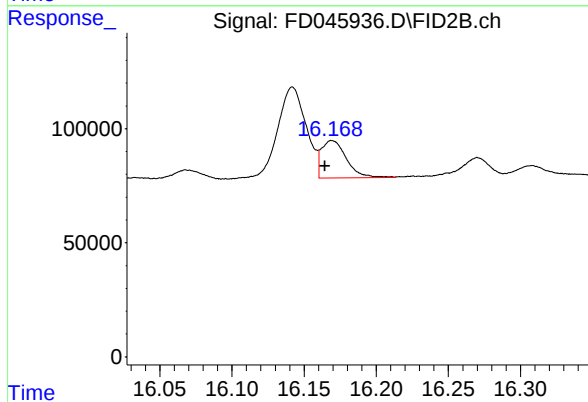
R.T.: 14.639 min
Delta R.T.: 0.016 min
Response: 485322
Conc: 3.10 ug/ml

Instrument :
FID_D
ClientSampleId :



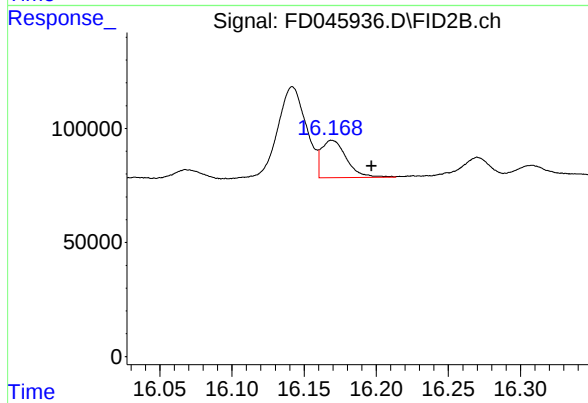
#15 Chrysene (C27.41)

R.T.: 14.639 min
Delta R.T.: -0.026 min
Response: 485322
Conc: 2.94 ug/ml



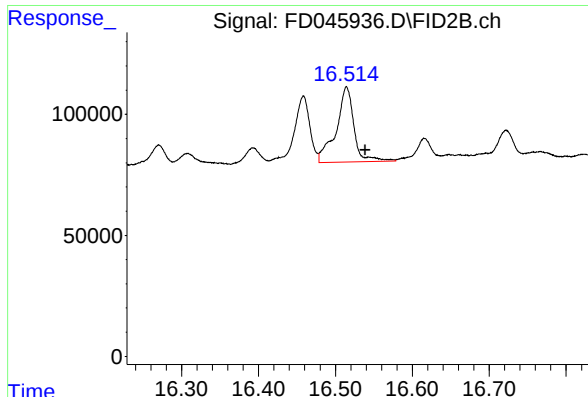
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.169 min
Delta R.T.: 0.005 min
Response: 199512
Conc: 1.32 ug/ml



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

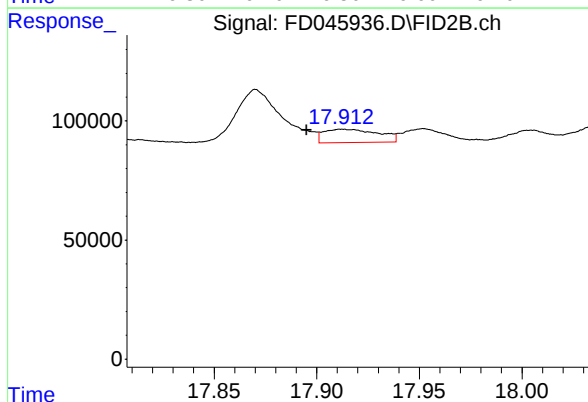
R.T.: 16.169 min
Delta R.T.: -0.027 min
Response: 199512
Conc: 1.29 ug/ml



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

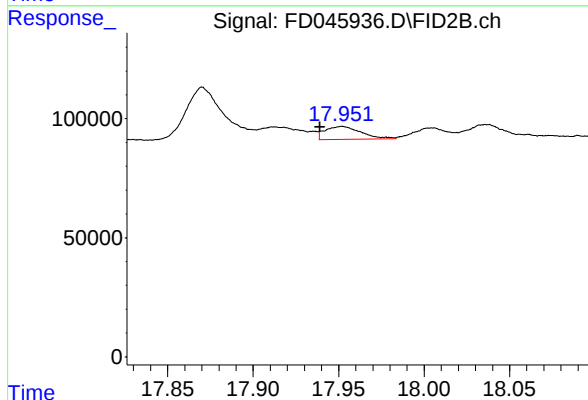
R.T.: 16.515 min
Delta R.T.: -0.025 min
Response: 499020
Conc: 3.41 ug/ml

Instrument :
FID_D
ClientSampleId :



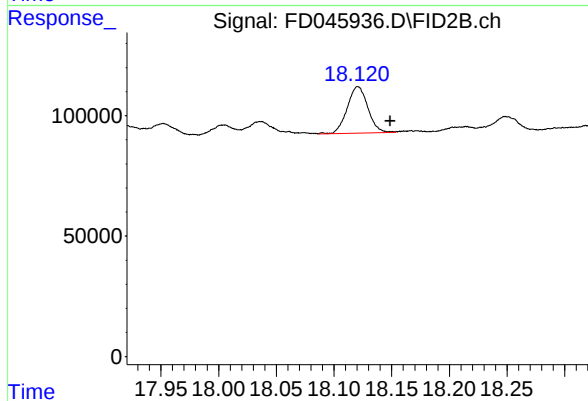
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.019 min
Response: 103469
Conc: 0.71 ug/ml



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

R.T.: 17.952 min
Delta R.T.: 0.013 min
Response: 80455
Conc: 0.54 ug/ml



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

R.T.: 18.121 min
Delta R.T.: -0.028 min
Response: 239169
Conc: 1.62 ug/ml