

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045904.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 12:42
 Operator : YP/AJ
 Sample : 03298-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 21 01:10:16 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...	7.524	8900149	49.367 ug/ml
Spiked Amount 50.000		Recovery =	98.73%
6) S 2-Fluorobiphenyl (SURR)	8.378	5247121	43.643 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.29%
11) S ortho-Terphenyl (SURR)	11.416	6531985	29.243 ug/ml
Spiked Amount 50.000		Recovery =	58.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295f	17321	0.086 ug/ml
2) T Naphthalene (C11.7)	5.860	49697	0.235 ug/ml
3) T 2-Methylnaphthalene (...)	6.910	50061	0.237 ug/ml
5) T Acenaphthylene (C15.06)	8.179	58952	0.311 ug/ml
7) T Acenaphthene (C15.5)	8.473	38376	0.190 ug/ml
8) T Fluorene (C16.55)	9.252	51833	0.262 ug/ml
9) T Phenanthrene (C19.36)	10.639	529283	2.767 ug/ml
10) T Anthracene (C19.43)	10.713	139040	0.816 ug/ml
12) T Fluoranthene (C21.85)	12.443	1268866	6.868 ug/ml
13) T Pyrene (C20.8)	12.737	1113731	6.236 ug/ml
14) T Benzo[a]anthracene (C...	14.640	753718	4.814 ug/ml
15) T Chrysene (C27.41)	14.691	63331	0.384 ug/ml
16) T benzo[b]fluoranthene ...	16.169	314411	2.077 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	314411	2.031 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.515	679161	4.644 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	163206	1.114 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	169389	1.129 ug/ml
21) T Benzo[g,h,i]perylene ...	18.121	569962	3.863 ug/ml

(f)=RT Delta > 1/2 Window

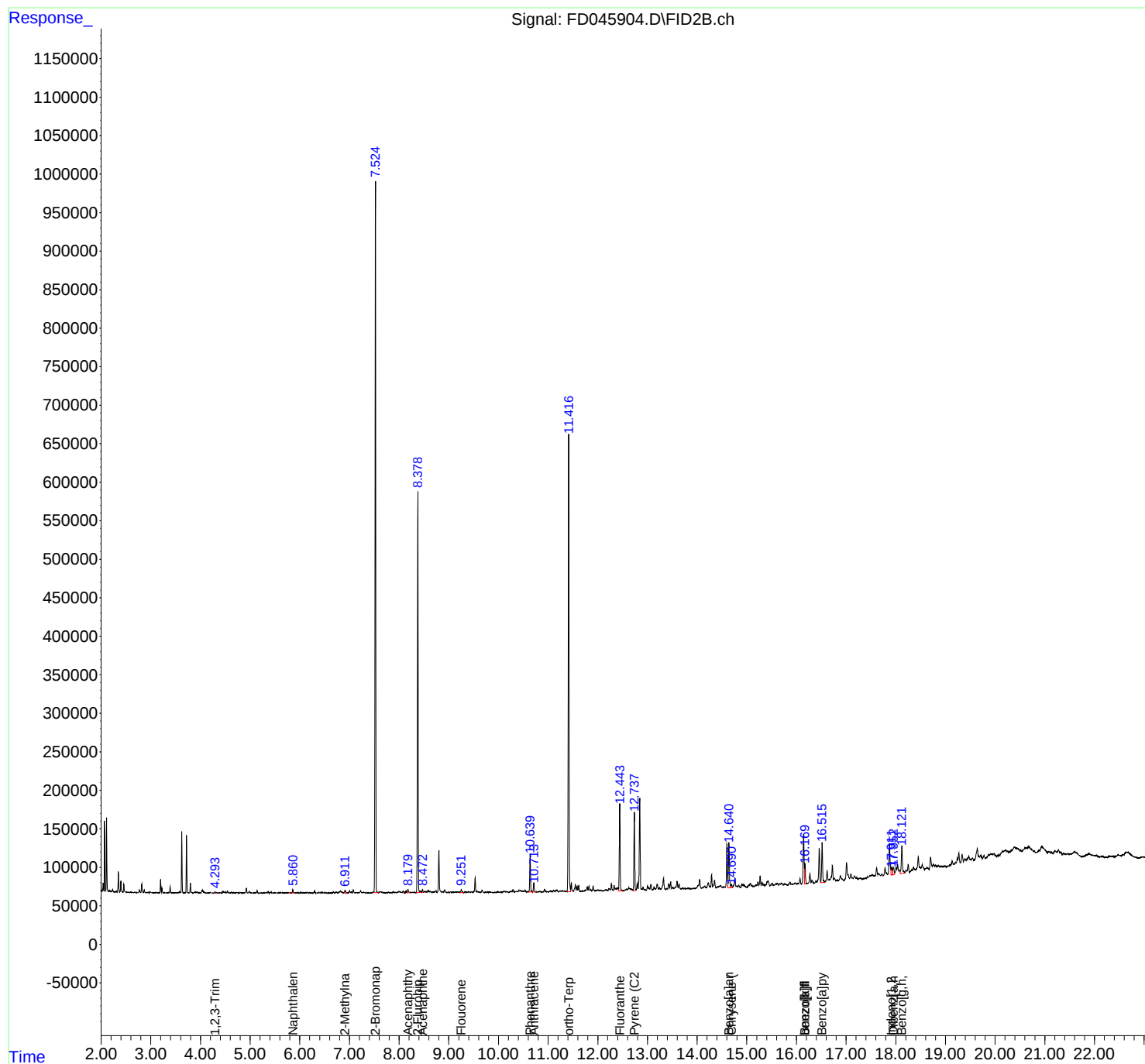
(m)=manual int.

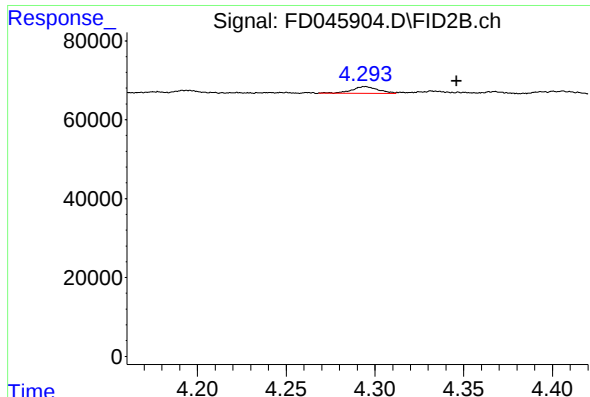
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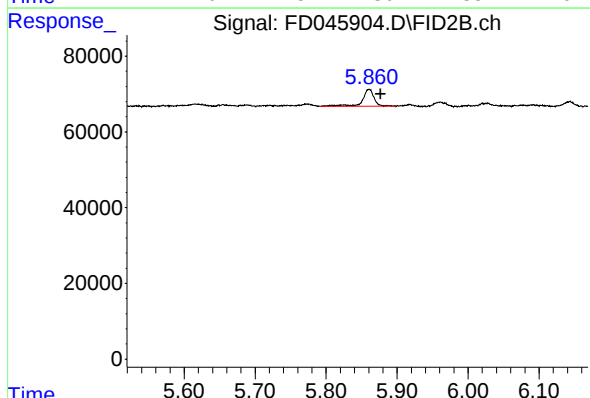




#1 1,2,3-Trimethylbenzene (C10.1)

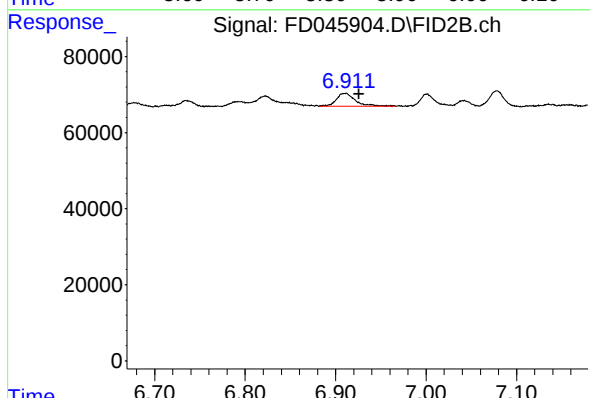
R.T.: 4.295 min
Delta R.T.: -0.051 min
Response: 17321
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



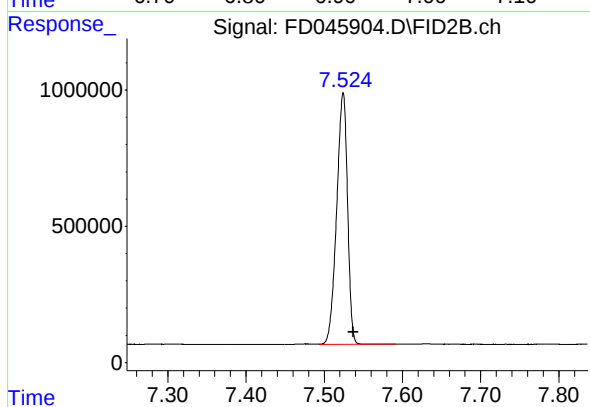
#2 Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.016 min
Response: 49697
Conc: 0.23 ug/ml



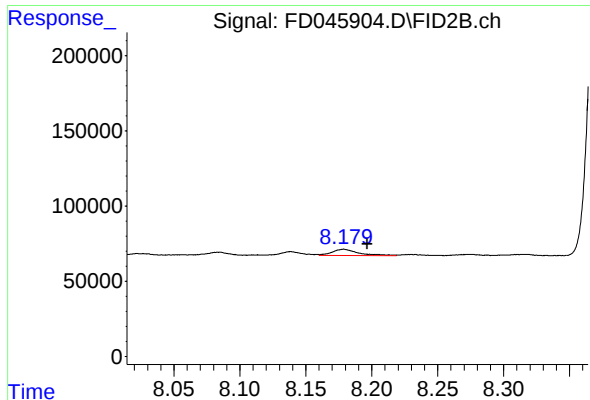
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: -0.016 min
Response: 50061
Conc: 0.24 ug/ml



#4 2-Bromonaphthalene (SURR)

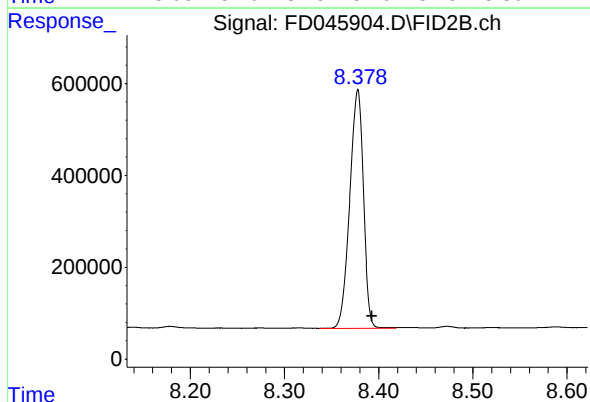
R.T.: 7.524 min
Delta R.T.: -0.013 min
Response: 8900149
Conc: 49.37 ug/ml



#5 Acenaphthylene (C15.06)

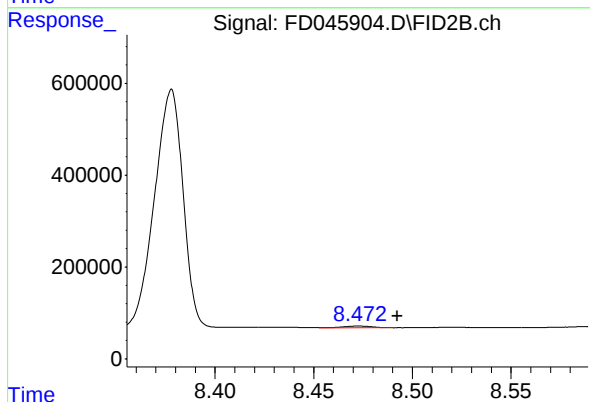
R.T.: 8.179 min
Delta R.T.: -0.018 min
Response: 58952
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



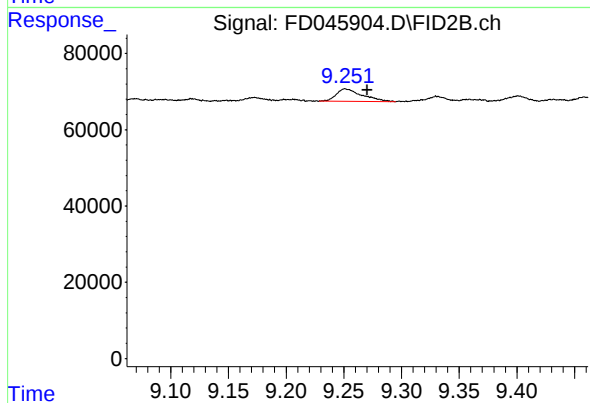
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.378 min
Delta R.T.: -0.015 min
Response: 5247121
Conc: 43.64 ug/ml



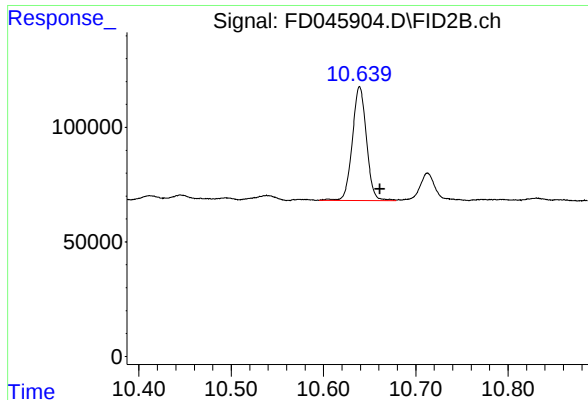
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: -0.020 min
Response: 38376
Conc: 0.19 ug/ml



#8 Flouorene (C16.55)

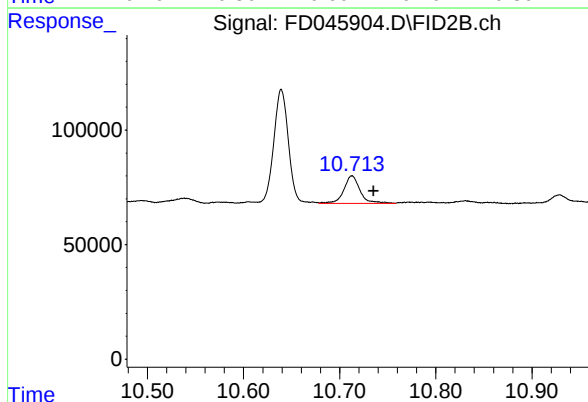
R.T.: 9.252 min
Delta R.T.: -0.018 min
Response: 51833
Conc: 0.26 ug/ml



#9 Phenanthrene (C19.36)

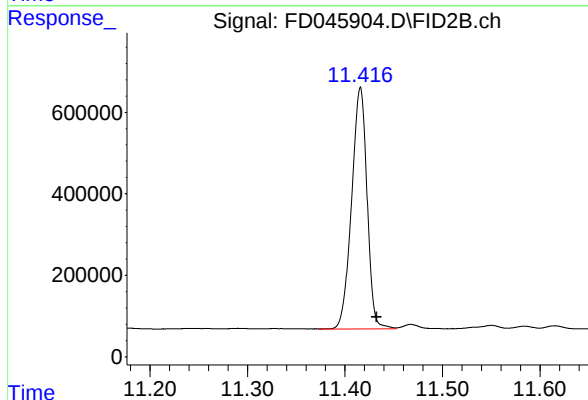
R.T.: 10.639 min
Delta R.T.: -0.022 min
Response: 529283
Conc: 2.77 ug/ml

Instrument :
FID_D
ClientSampleId :



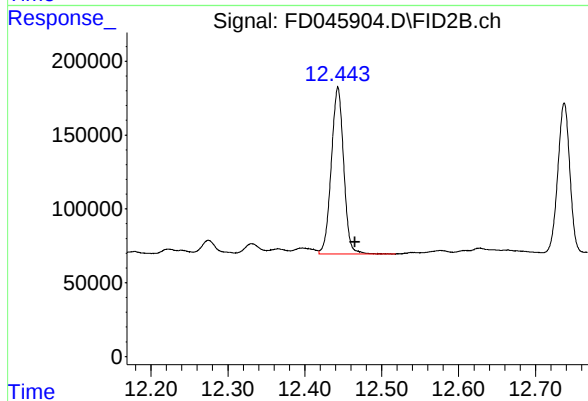
#10 Anthracene (C19.43)

R.T.: 10.713 min
Delta R.T.: -0.022 min
Response: 139040
Conc: 0.82 ug/ml



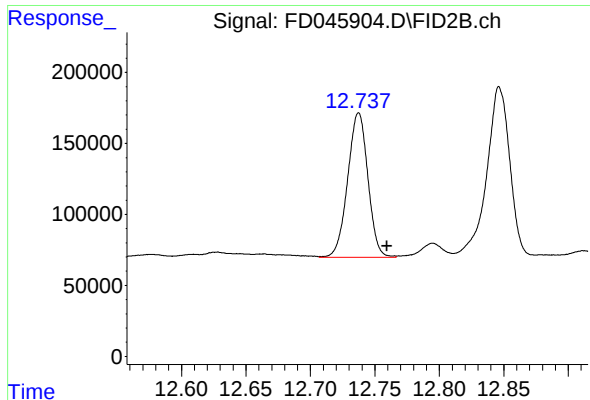
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: -0.017 min
Response: 6531985
Conc: 29.24 ug/ml



#12 Fluoranthene (C21.85)

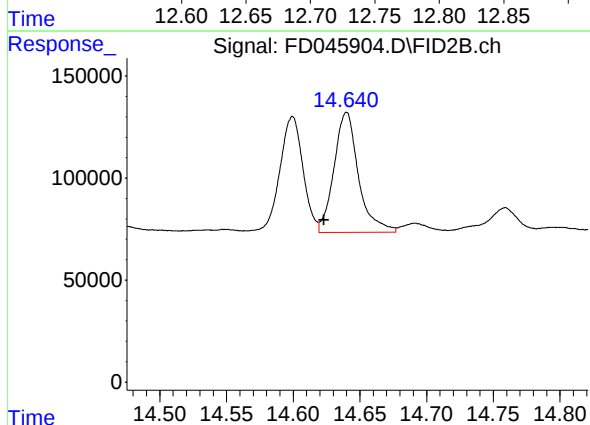
R.T.: 12.443 min
Delta R.T.: -0.022 min
Response: 1268866
Conc: 6.87 ug/ml



#13 Pyrene (C20.8)

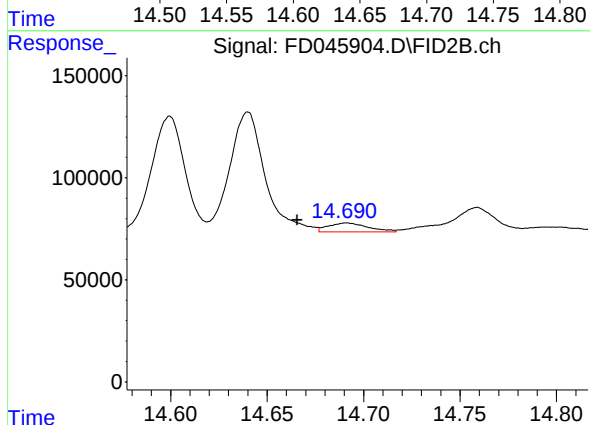
R.T.: 12.737 min
Delta R.T.: -0.022 min
Response: 1113731
Conc: 6.24 ug/ml

Instrument :
FID_D
ClientSampleId :



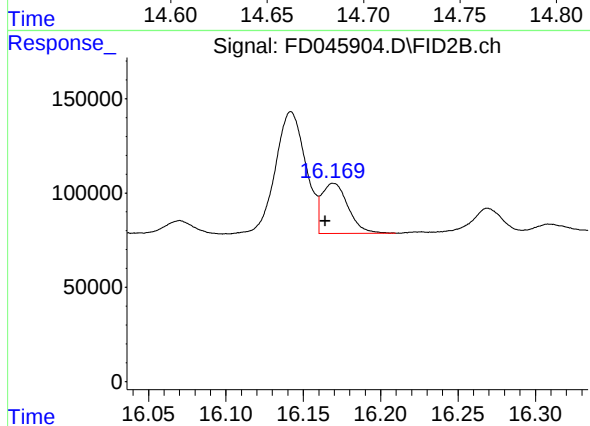
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.017 min
Response: 753718
Conc: 4.81 ug/ml



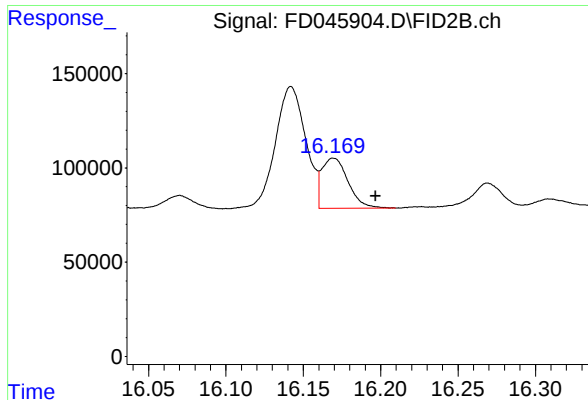
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: 0.026 min
Response: 63331
Conc: 0.38 ug/ml



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

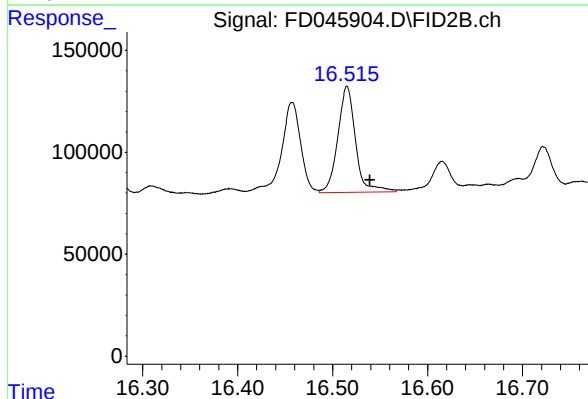
R.T.: 16.169 min
Delta R.T.: 0.005 min
Response: 314411
Conc: 2.08 ug/ml



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

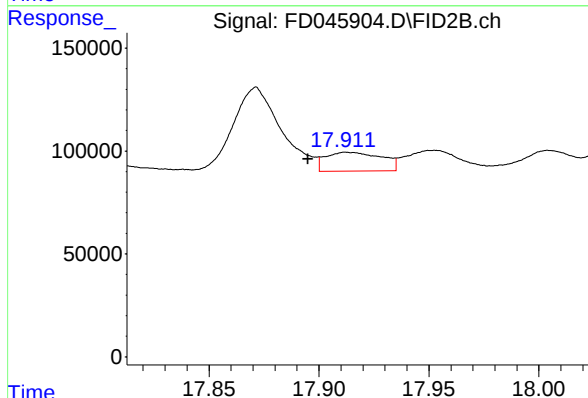
R.T.: 16.169 min
Delta R.T.: -0.027 min
Response: 314411
Conc: 2.03 ug/ml

Instrument :
FID_D
ClientSampleId :



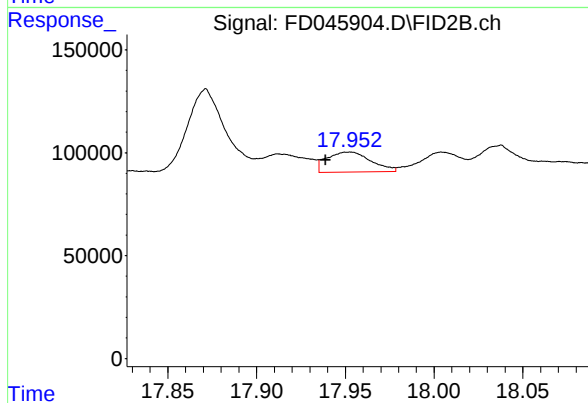
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.515 min
Delta R.T.: -0.024 min
Response: 679161
Conc: 4.64 ug/ml



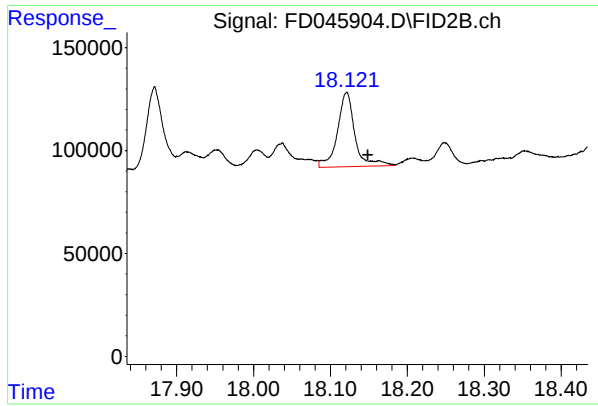
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: 0.019 min
Response: 163206
Conc: 1.11 ug/ml



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

R.T.: 17.952 min
Delta R.T.: 0.013 min
Response: 169389
Conc: 1.13 ug/ml



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

R.T.: 18.121 min
Delta R.T.: -0.028 min
Response: 569962
Conc: 3.86 ug/ml

Instrument :
FID_D
ClientSampleId :