

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045912.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 19:24
 Operator : YP/AJ
 Sample : 03308-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 21 01:11:19 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...	7.525	11042172	61.248 ug/ml
Spiked Amount 50.000		Recovery =	122.50%
6) S 2-Fluorobiphenyl (SURR)	8.380	6137918	51.053 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.11%
11) S ortho-Terphenyl (SURR)	11.418	8847420	39.609 ug/ml
Spiked Amount 50.000		Recovery =	79.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295f	18101	0.090 ug/ml
2) T Naphthalene (C11.7)	5.861	40643	0.192 ug/ml
3) T 2-Methylnaphthalene (...)	6.915	51200	0.242 ug/ml
5) T Acenaphthylene (C15.06)	8.180	34309	0.181 ug/ml
7) T Acenaphthene (C15.5)	8.435f	45069	0.223 ug/ml
8) T Fluorene (C16.55)	9.264	42632	0.215 ug/ml
9) T Phenanthrene (C19.36)	10.682	25690	0.134 ug/ml
10) T Anthracene (C19.43)	10.714	52571	0.309 ug/ml
12) T Fluoranthene (C21.85)	12.443	460036	2.490 ug/ml
13) T Pyrene (C20.8)	12.737	363983	2.038 ug/ml
14) T Benzo[a]anthracene (C...	14.640	332216	2.122 ug/ml
15) T Chrysene (C27.41)	14.640	332216	2.014 ug/ml
16) T benzo[b]fluoranthene ...	16.169	139864	0.924 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	139864	0.903 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.515	260956	1.784 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.874	532243	3.634 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	128230	0.855 ug/ml
21) T Benzo[g,h,i]perylene ...	18.120	192438	1.304 ug/ml

(f)=RT Delta > 1/2 Window

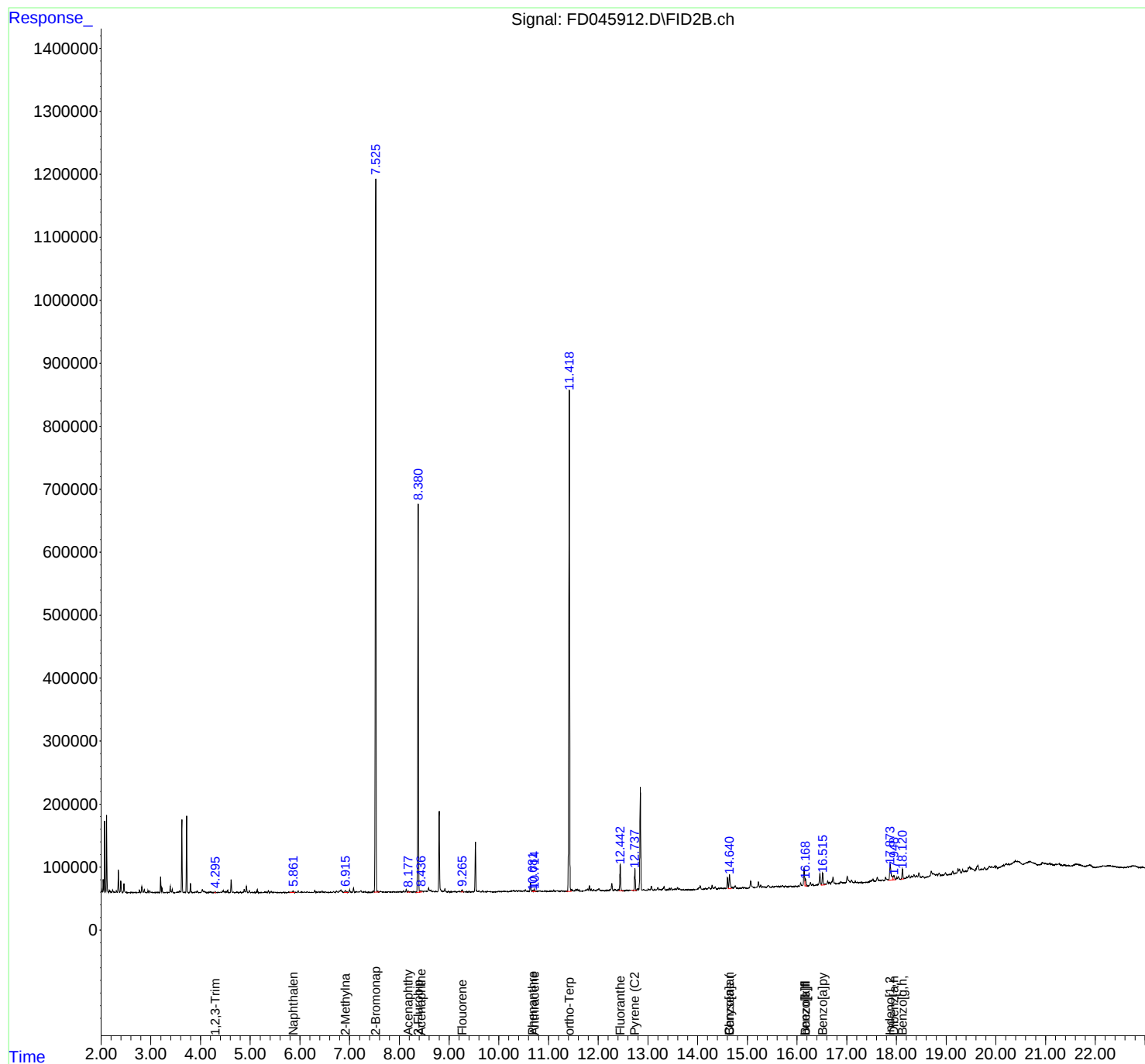
(m)=manual int.

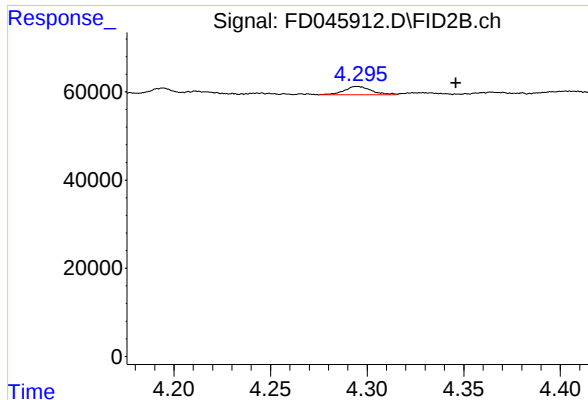
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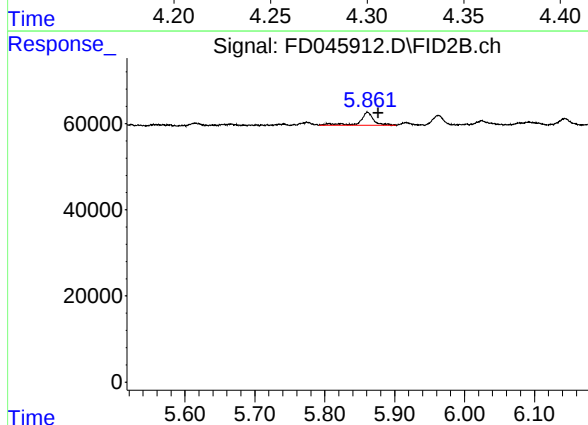




#1 1,2,3-Trimethylbenzene (C10.1)

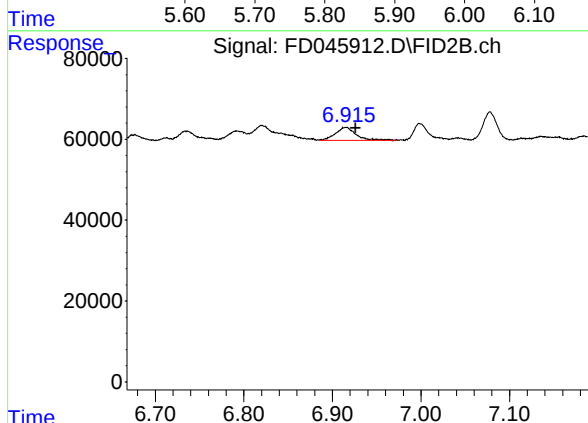
R.T.: 4.295 min
Delta R.T.: -0.051 min
Response: 18101
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



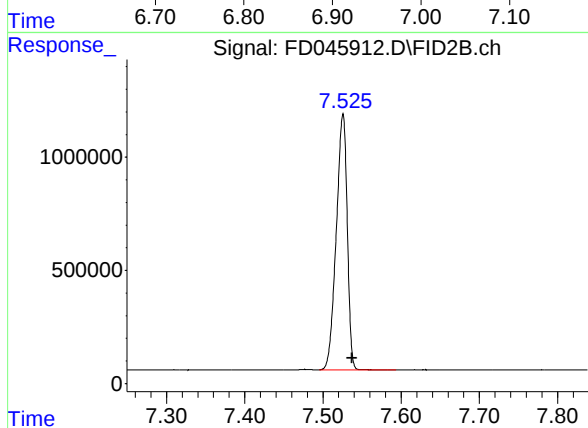
#2 Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: -0.015 min
Response: 40643
Conc: 0.19 ug/ml



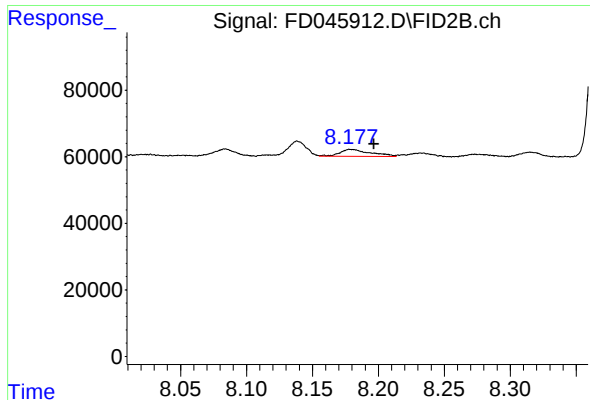
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.915 min
Delta R.T.: -0.011 min
Response: 51200
Conc: 0.24 ug/ml



#4 2-Bromonaphthalene (SURR)

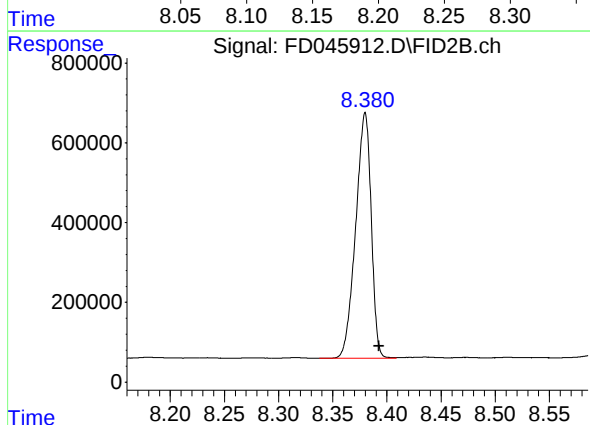
R.T.: 7.525 min
Delta R.T.: -0.012 min
Response: 11042172
Conc: 61.25 ug/ml



#5 Acenaphthylene (C15.06)

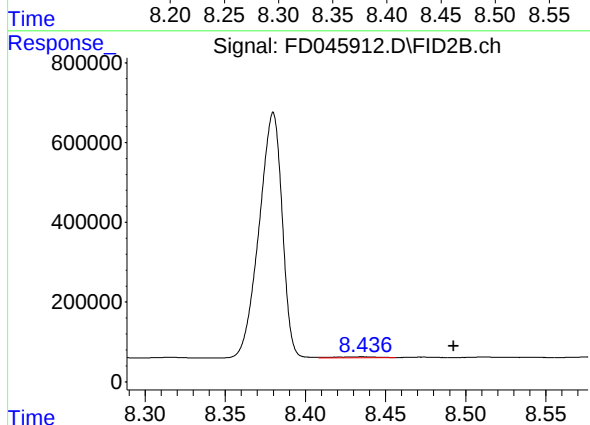
R.T.: 8.180 min
Delta R.T.: -0.017 min
Response: 34309
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



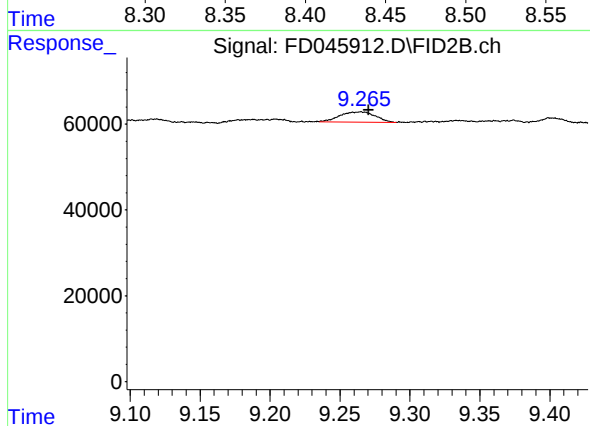
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.380 min
Delta R.T.: -0.013 min
Response: 6137918
Conc: 51.05 ug/ml



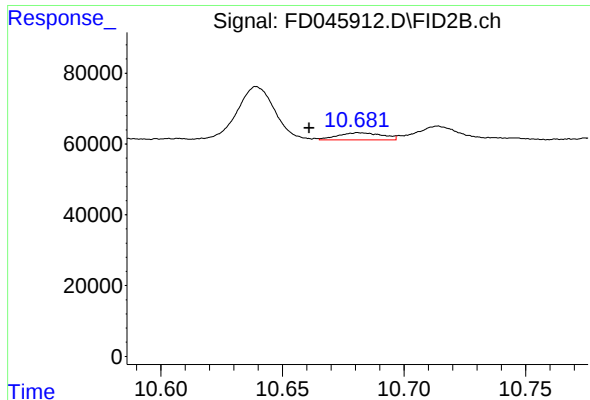
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.057 min
Response: 45069
Conc: 0.22 ug/ml



#8 Flouorene (C16.55)

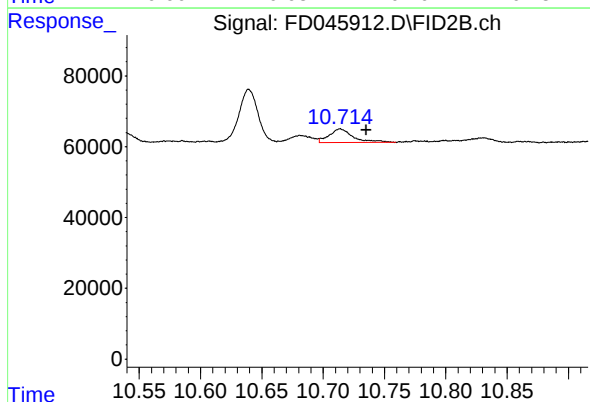
R.T.: 9.264 min
Delta R.T.: -0.006 min
Response: 42632
Conc: 0.22 ug/ml



#9 Phenanthrene (C19.36)

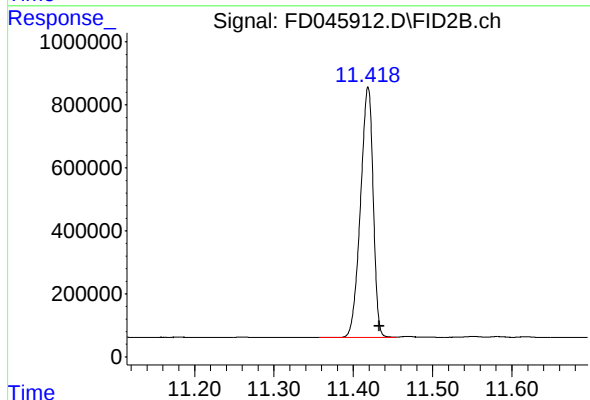
R.T.: 10.682 min
Delta R.T.: 0.021 min
Response: 25690
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



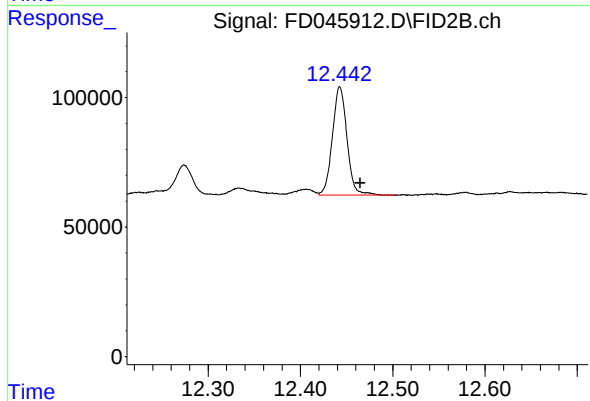
#10 Anthracene (C19.43)

R.T.: 10.714 min
Delta R.T.: -0.021 min
Response: 52571
Conc: 0.31 ug/ml



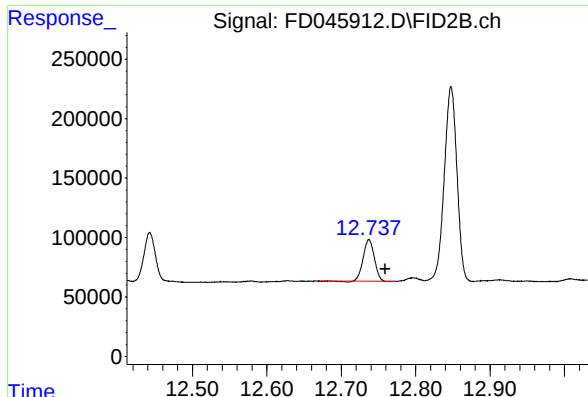
#11 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: -0.014 min
Response: 8847420
Conc: 39.61 ug/ml



#12 Fluoranthene (C21.85)

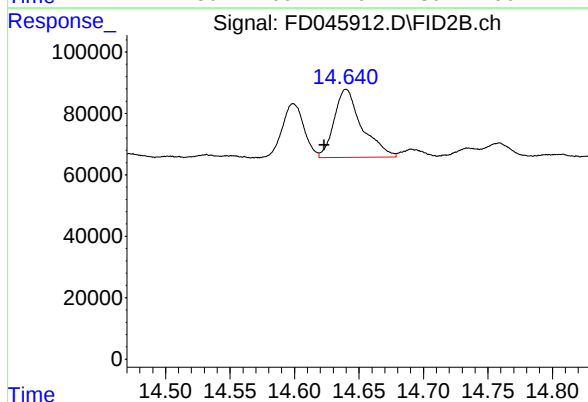
R.T.: 12.443 min
Delta R.T.: -0.022 min
Response: 460036
Conc: 2.49 ug/ml



#13 Pyrene (C20.8)

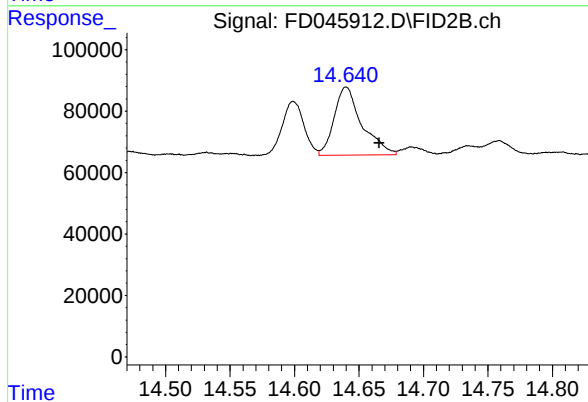
R.T.: 12.737 min
Delta R.T.: -0.022 min
Response: 363983
Conc: 2.04 ug/ml

Instrument :
FID_D
ClientSampleId :



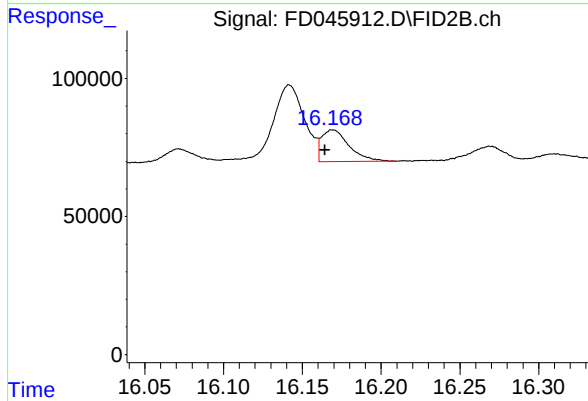
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.017 min
Response: 332216
Conc: 2.12 ug/ml



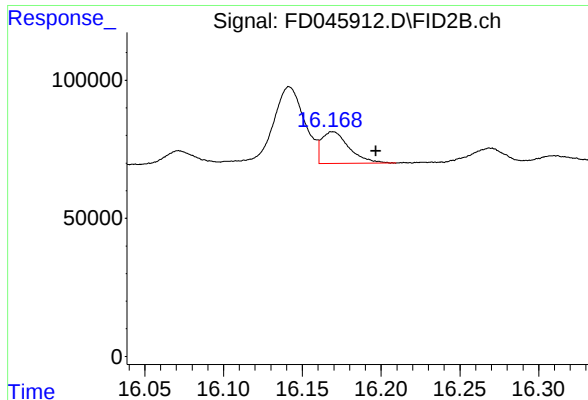
#15 Chrysene (C27.41)

R.T.: 14.640 min
Delta R.T.: -0.026 min
Response: 332216
Conc: 2.01 ug/ml



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

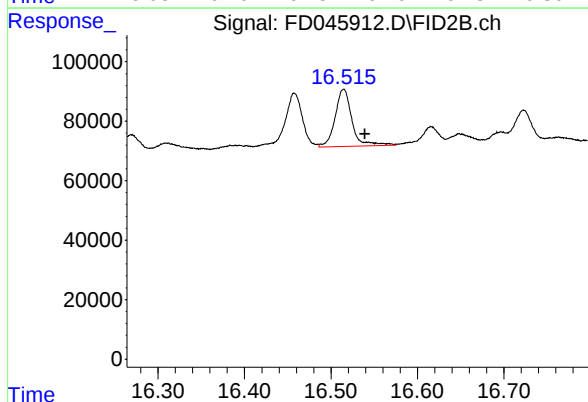
R.T.: 16.169 min
Delta R.T.: 0.005 min
Response: 139864
Conc: 0.92 ug/ml



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

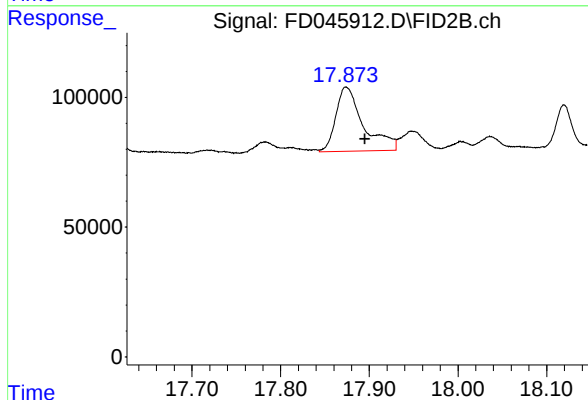
R.T.: 16.169 min
Delta R.T.: -0.027 min
Response: 139864
Conc: 0.90 ug/ml

Instrument :
FID_D
ClientSampleId :



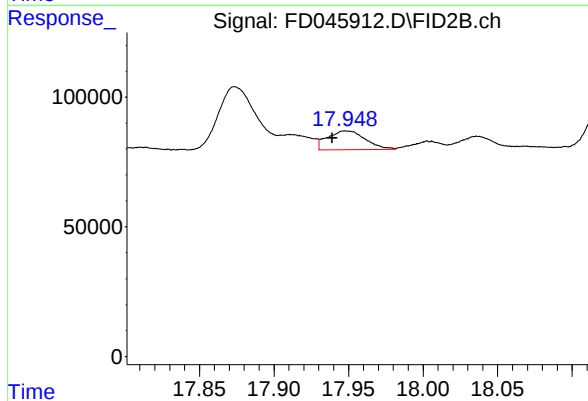
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.515 min
Delta R.T.: -0.025 min
Response: 260956
Conc: 1.78 ug/ml



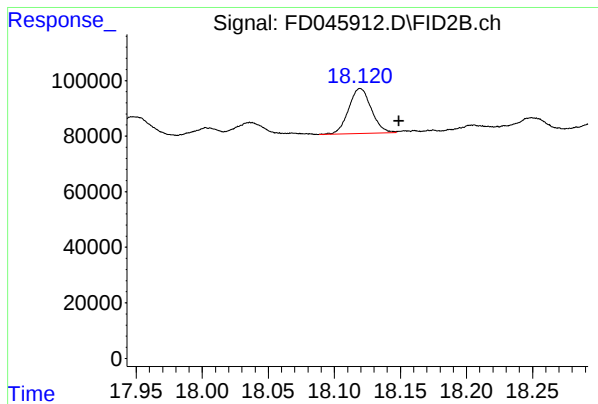
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.874 min
Delta R.T.: -0.021 min
Response: 532243
Conc: 3.63 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.010 min
Response: 128230
Conc: 0.85 ug/ml



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

R.T.: 18.120 min
Delta R.T.: -0.029 min
Response: 192438
Conc: 1.30 ug/ml

Instrument :
FID_D
ClientSampleId :