

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045890.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 21:51
 Operator : YP/AJ
 Sample : 03282-15D
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 01:24:42 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	8253143	45.778 ug/ml
Spiked Amount 50.000		Recovery =	91.56%
6) S 2-Fluorobiphenyl (SURR)	8.379	5292896	44.024 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.05%
11) S ortho-Terphenyl (SURR)	11.418	6940555	31.072 ug/ml
Spiked Amount 50.000		Recovery =	62.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295f	20582	0.102 ug/ml
2) T Naphthalene (C11.7)	5.862	54291	0.256 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	56114	0.266 ug/ml
5) T Acenaphthylene (C15.06)	8.180	49799	0.263 ug/ml
7) T Acenaphthene (C15.5)	8.436f	28691	0.142 ug/ml
8) T Fluorene (C16.55)	9.264	40615	0.205 ug/ml
9) T Phenanthrene (C19.36)	10.641	107895	0.564 ug/ml
10) T Anthracene (C19.43)	10.714	40173	0.236 ug/ml
12) T Fluoranthene (C21.85)	12.443	237921	1.288 ug/ml
13) T Pyrene (C20.8)	12.737	231114	1.294 ug/ml
14) T Benzo[a]anthracene (C...	14.640	194471	1.242 ug/ml
15) T Chrysene (C27.41)	14.640	194471	1.179 ug/ml
16) T benzo[b]fluoranthene ...	16.169	101777	0.672 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	101777	0.657 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.514	135874	0.929 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	480502	3.281 ug/ml
20) T Dibenz[a,h]anthracene...	17.948	278975	1.860 ug/ml
21) T Benzo[g,h,i]perylene ...	18.119	167901	1.138 ug/ml

(f)=RT Delta > 1/2 Window

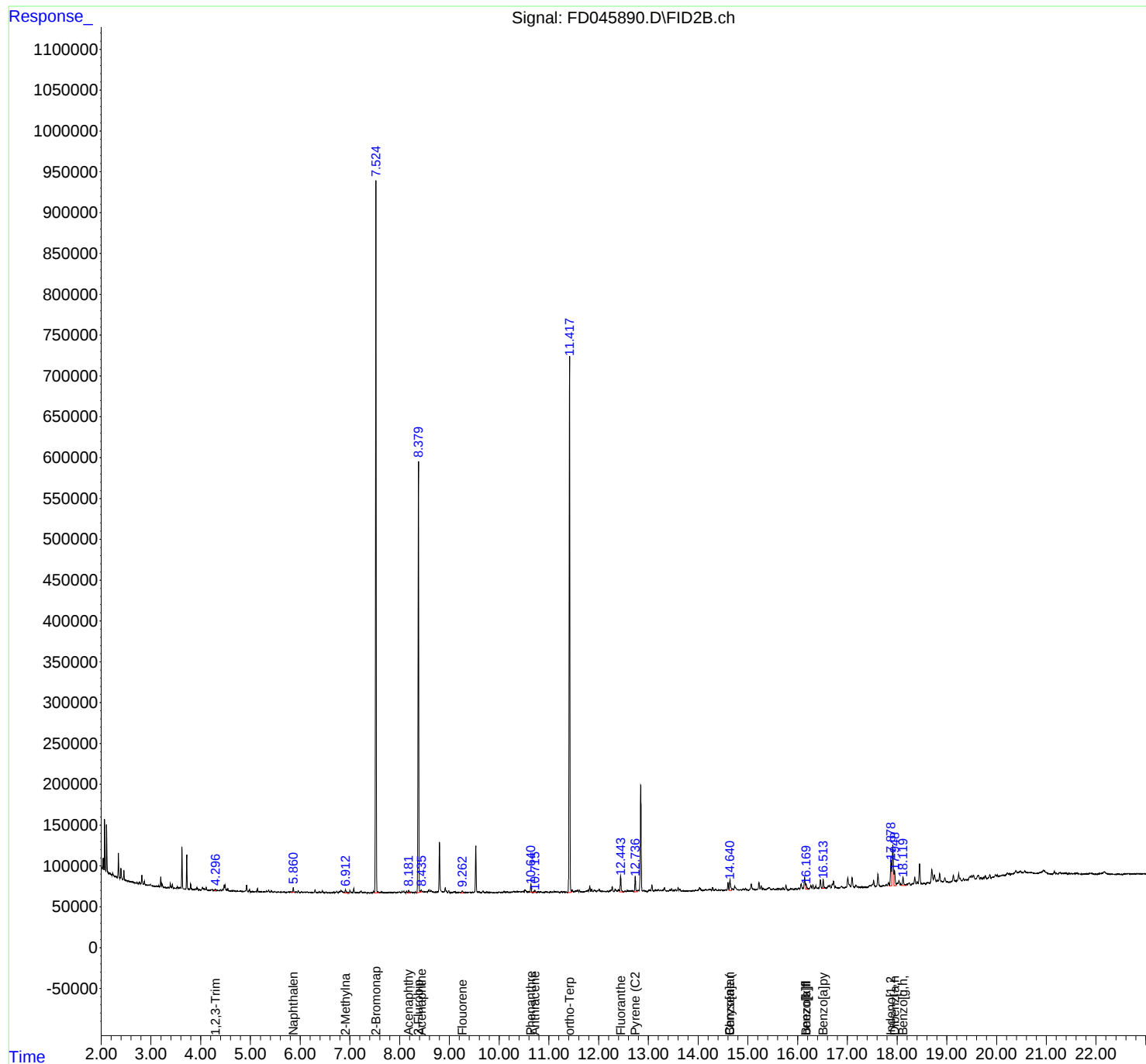
(m)=manual int.

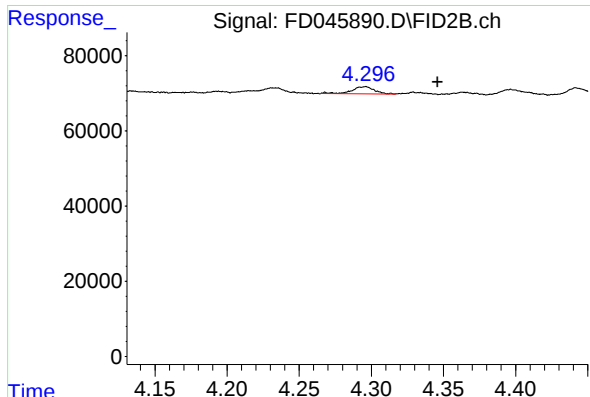
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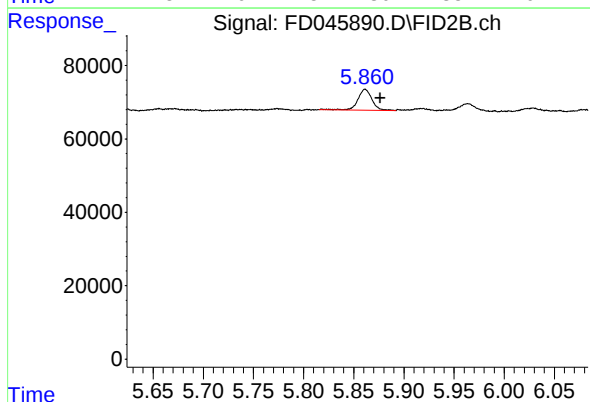




#1 1,2,3-Trimethylbenzene (C10.1)

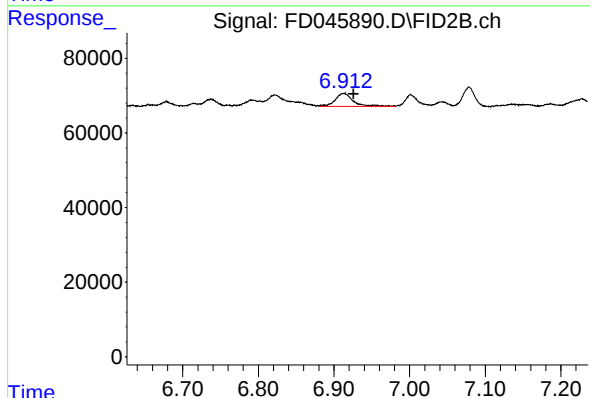
R.T.: 4.295 min
Delta R.T.: -0.051 min
Response: 20582
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



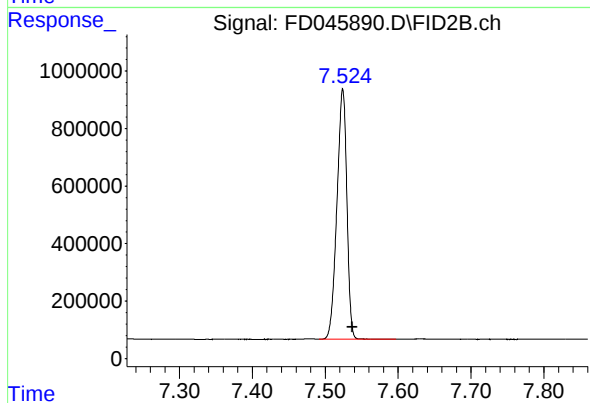
#2 Naphthalene (C11.7)

R.T.: 5.862 min
Delta R.T.: -0.015 min
Response: 54291
Conc: 0.26 ug/ml



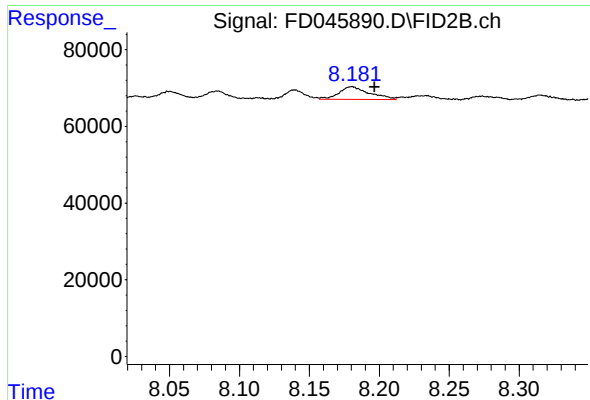
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 56114
Conc: 0.27 ug/ml



#4 2-Bromonaphthalene (SURR)

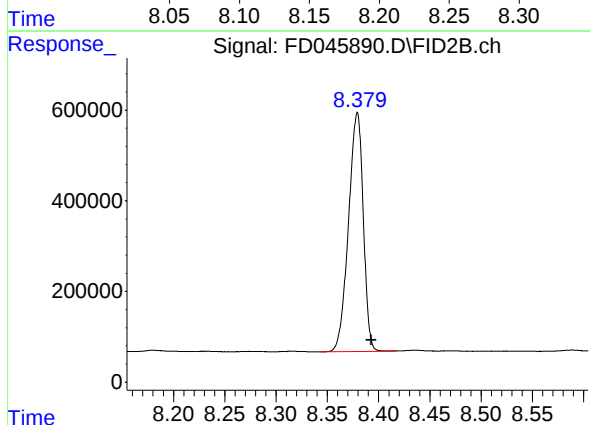
R.T.: 7.524 min
Delta R.T.: -0.014 min
Response: 8253143
Conc: 45.78 ug/ml



#5 Acenaphthylene (C15.06)

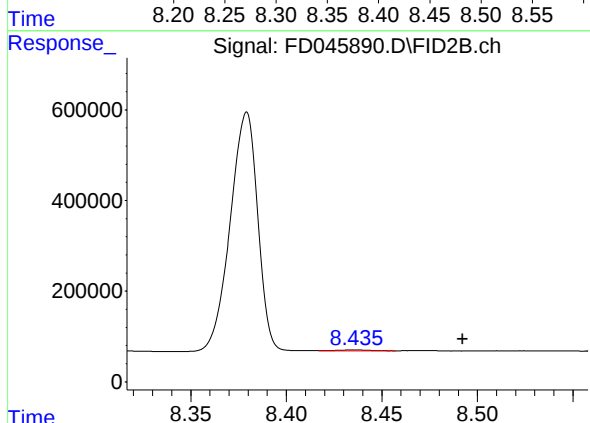
R.T.: 8.180 min
Delta R.T.: -0.016 min
Response: 49799
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



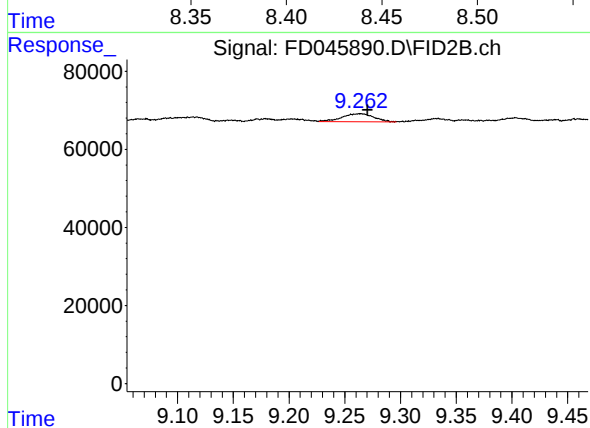
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min
Delta R.T.: -0.014 min
Response: 5292896
Conc: 44.02 ug/ml



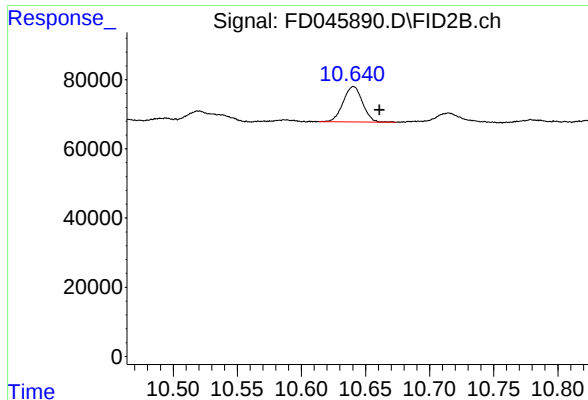
#7 Acenaphthene (C15.5)

R.T.: 8.436 min
Delta R.T.: -0.057 min
Response: 28691
Conc: 0.14 ug/ml



#8 Flouorene (C16.55)

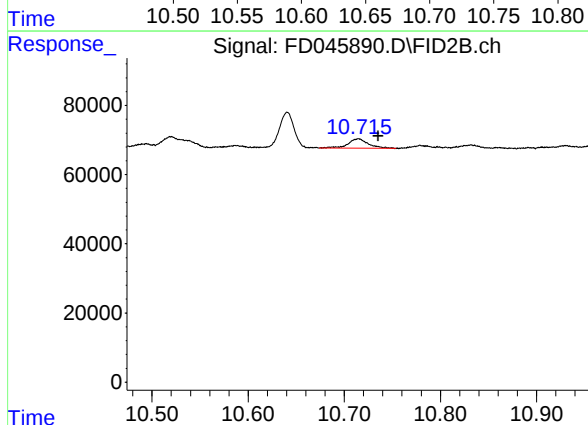
R.T.: 9.264 min
Delta R.T.: -0.007 min
Response: 40615
Conc: 0.20 ug/ml



#9 Phenanthrene (C19.36)

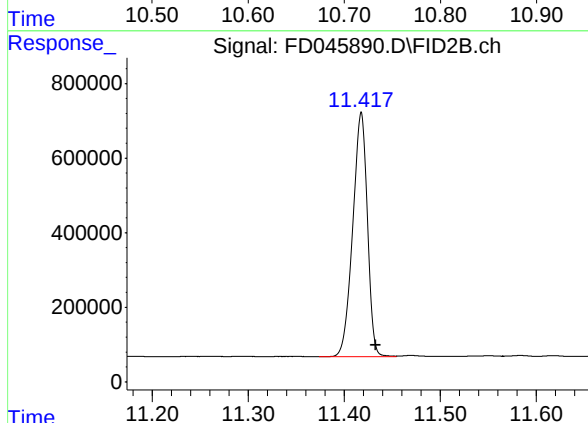
R.T.: 10.641 min
Delta R.T.: -0.021 min
Response: 107895
Conc: 0.56 ug/ml

Instrument :
FID_D
ClientSampleId :



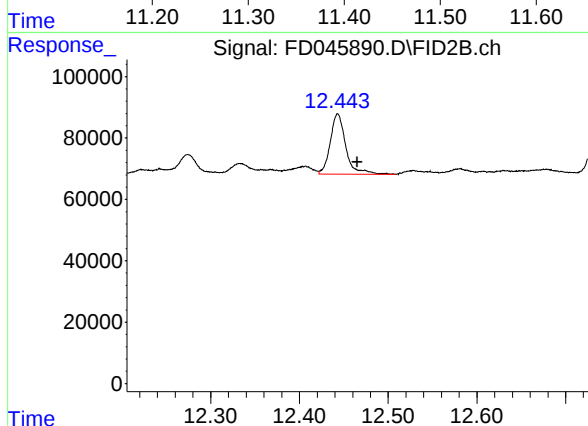
#10 Anthracene (C19.43)

R.T.: 10.714 min
Delta R.T.: -0.021 min
Response: 40173
Conc: 0.24 ug/ml



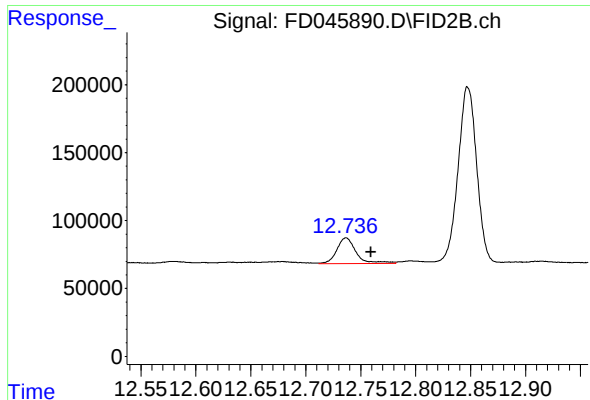
#11 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: -0.015 min
Response: 6940555
Conc: 31.07 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.443 min
Delta R.T.: -0.022 min
Response: 237921
Conc: 1.29 ug/ml



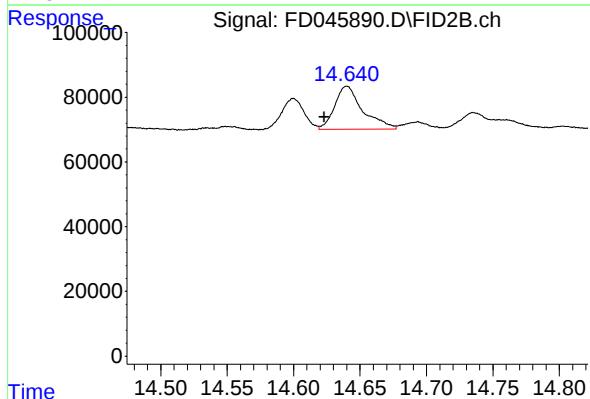
#13 Pyrene (C20.8)

R.T.: 12.737 min
Delta R.T.: -0.023 min
Response: 231114
Conc: 1.29 ug/ml

Instrument :

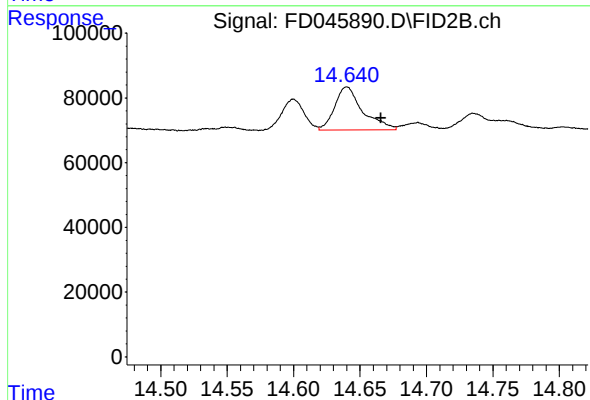
FID_D

ClientSampleId :



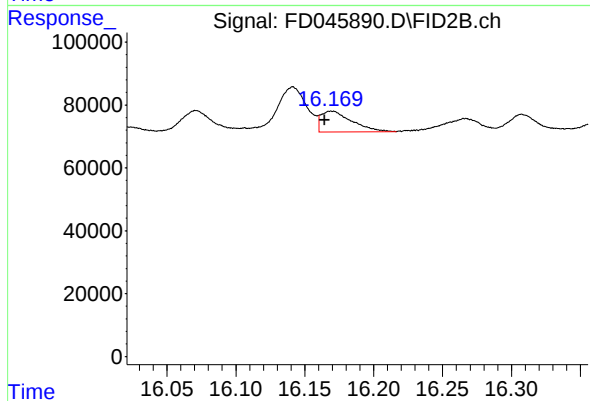
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.017 min
Response: 194471
Conc: 1.24 ug/ml



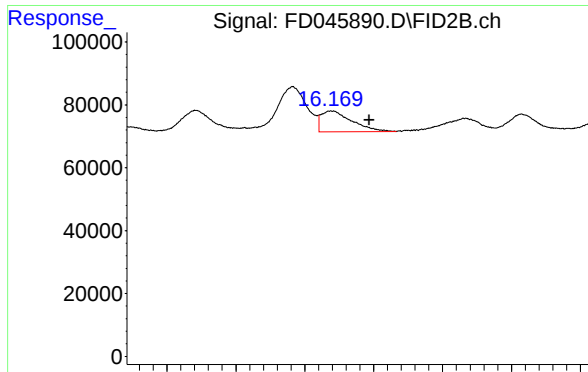
#15 Chrysene (C27.41)

R.T.: 14.640 min
Delta R.T.: -0.026 min
Response: 194471
Conc: 1.18 ug/ml



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

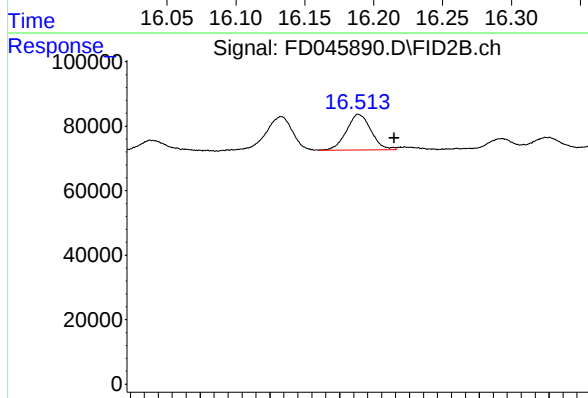
R.T.: 16.169 min
Delta R.T.: 0.005 min
Response: 101777
Conc: 0.67 ug/ml



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

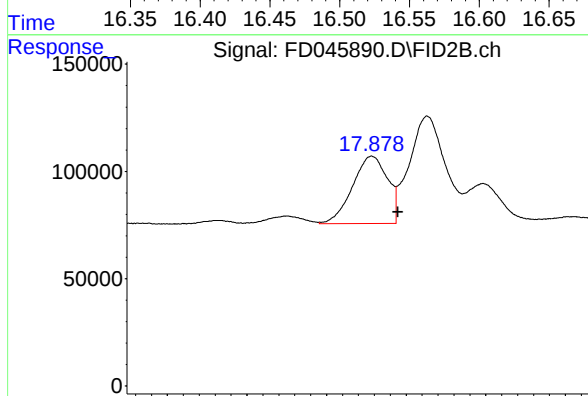
R.T.: 16.169 min
Delta R.T.: -0.027 min
Response: 101777
Conc: 0.66 ug/ml

Instrument :
FID_D
ClientSampleId :



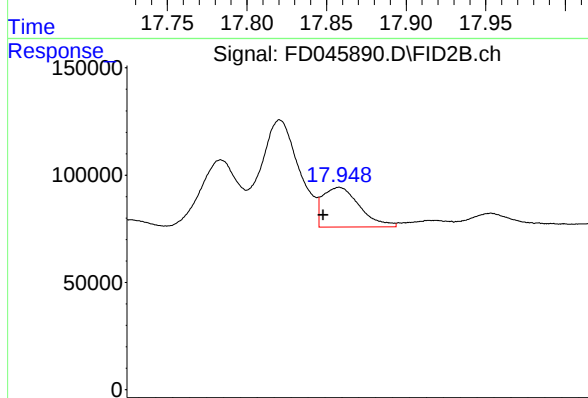
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.514 min
Delta R.T.: -0.025 min
Response: 135874
Conc: 0.93 ug/ml



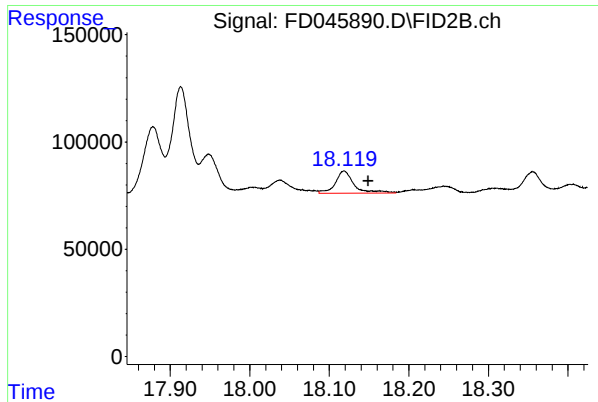
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: -0.016 min
Response: 480502
Conc: 3.28 ug/ml



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

R.T.: 17.948 min
Delta R.T.: 0.009 min
Response: 278975
Conc: 1.86 ug/ml



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

R.T.: 18.119 min

Delta R.T.: -0.030 min

Response: 167901

Conc: 1.14 ug/ml

Instrument :

FID_D

ClientSampleId :