

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061423AR\
 Data File : FD045839.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2023 21:38
 Operator : YP/AJ
 Sample : 03157-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 15 02:55:37 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...	7.528	9737644	54.012 ug/ml
Spiked Amount 50.000		Recovery =	108.02%
6) S 2-Fluorobiphenyl (SURR)	8.383	6409316	53.310 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.62%
11) S ortho-Terphenyl (SURR)	11.421	7004150	31.357 ug/ml
Spiked Amount 50.000		Recovery =	62.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	17164	0.085 ug/ml
2) T Naphthalene (C11.7)	5.864	31078	0.147 ug/ml
3) T 2-Methylnaphthalene (...)	6.919	52981	0.251 ug/ml
5) T Acenaphthylene (C15.06)	8.183	35541	0.188 ug/ml
7) T Acenaphthene (C15.5)	8.438f	48391	0.239 ug/ml
8) T Fluorene (C16.55)	9.267	38945	0.197 ug/ml
9) T Phenanthrene (C19.36)	10.644	223818	1.170 ug/ml
10) T Anthracene (C19.43)	10.718	68497	0.402 ug/ml
12) T Fluoranthene (C21.85)	12.447	453776	2.456 ug/ml
13) T Pyrene (C20.8)	12.741	366644	2.053 ug/ml
14) T Benzo[a]anthracene (C...	14.605	237854	1.519 ug/ml
15) T Chrysene (C27.41)	14.645	302649	1.834 ug/ml
16) T benzo[b]fluoranthene ...	16.174	144731	0.956 ug/ml
17) T Bnezo[k]fluoranthene ...	16.174	144731	0.935 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	268672	1.837 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	260754	1.780 ug/ml
20) T Dibenz[a,h]anthracene...	17.919	72852	0.486 ug/ml
21) T Benzo[g,h,i]perylene ...	18.128	163512	1.108 ug/ml

(f)=RT Delta > 1/2 Window

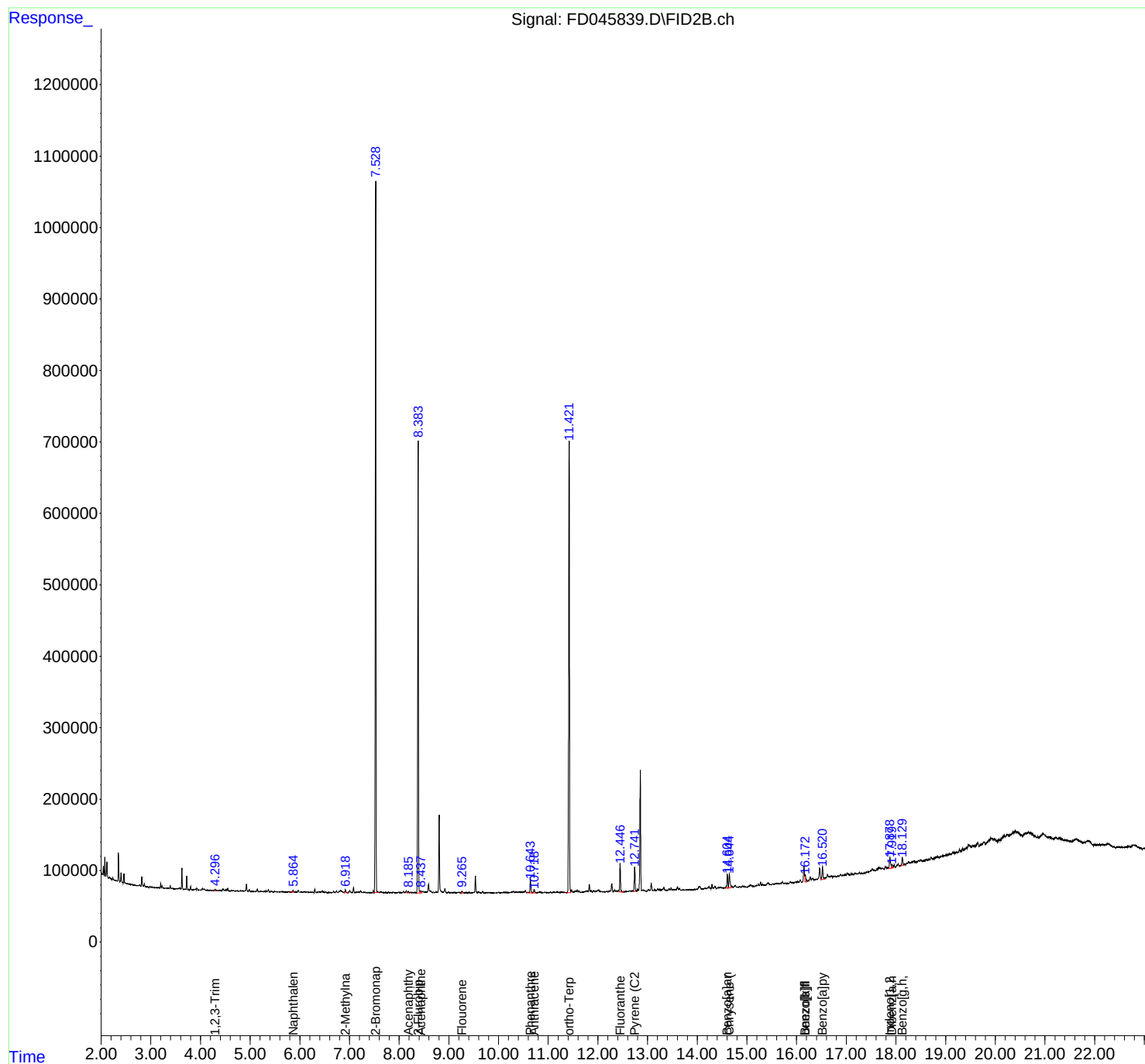
(m)=manual int.

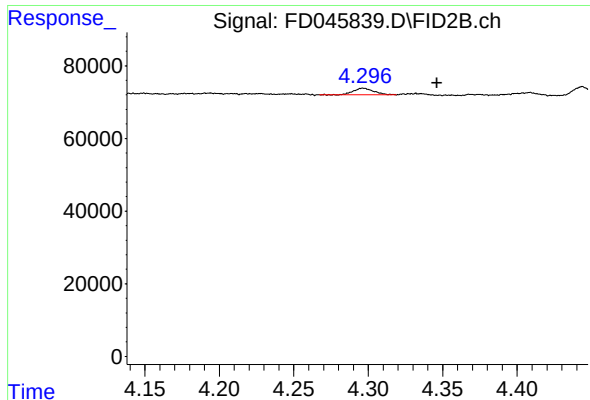
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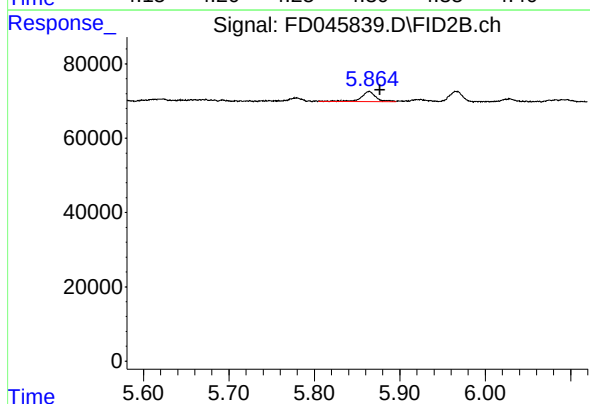




#1 1,2,3-Trimethylbenzene (C10.1)

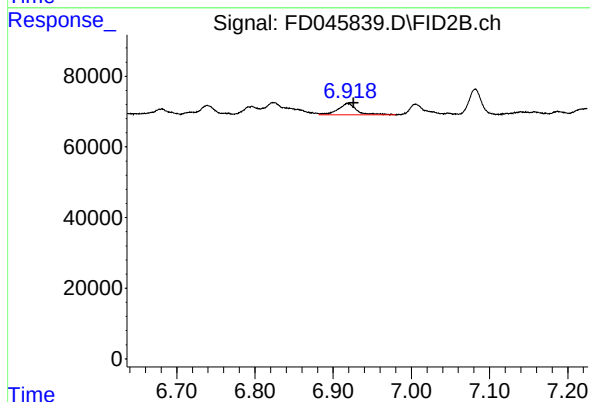
R.T.: 4.297 min
Delta R.T.: -0.049 min
Response: 17164
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



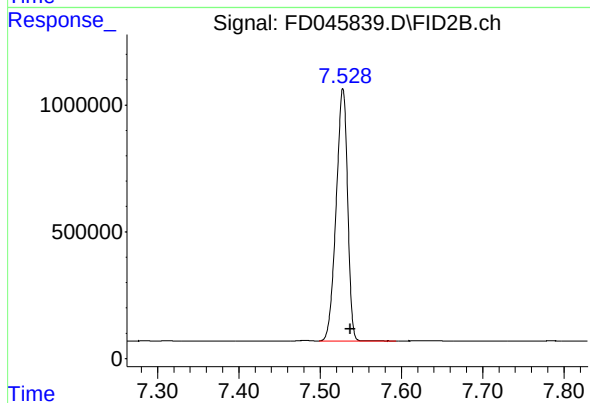
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: -0.013 min
Response: 31078
Conc: 0.15 ug/ml



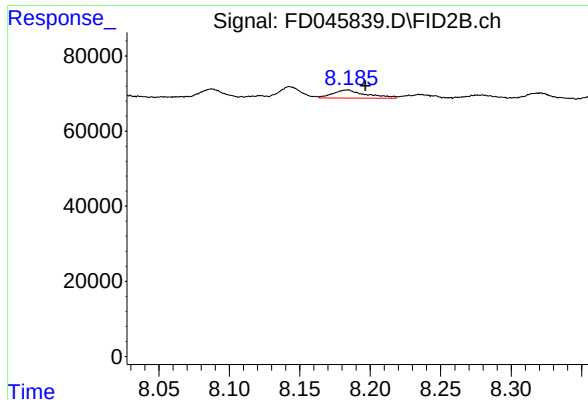
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.919 min
Delta R.T.: -0.007 min
Response: 52981
Conc: 0.25 ug/ml



#4 2-Bromonaphthalene (SURR)

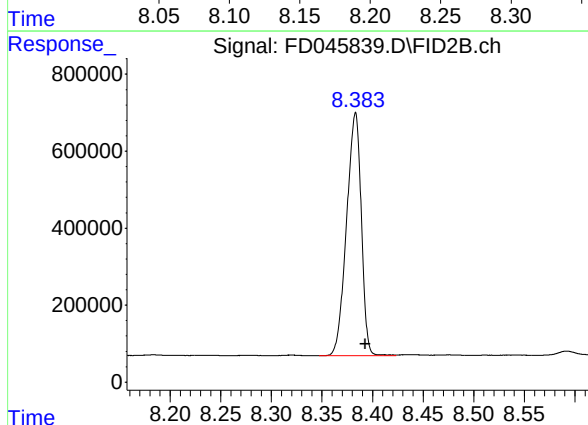
R.T.: 7.528 min
Delta R.T.: -0.010 min
Response: 9737644
Conc: 54.01 ug/ml



#5 Acenaphthylene (C15.06)

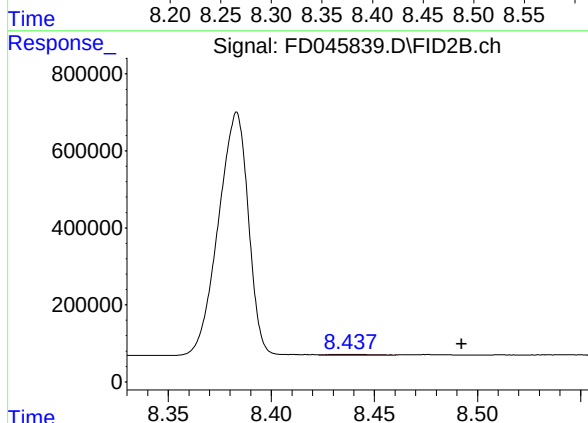
R.T.: 8.183 min
Delta R.T.: -0.014 min
Response: 35541
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



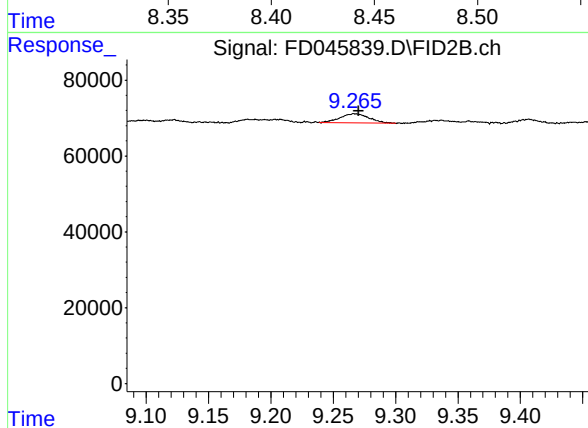
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.383 min
Delta R.T.: -0.010 min
Response: 6409316
Conc: 53.31 ug/ml



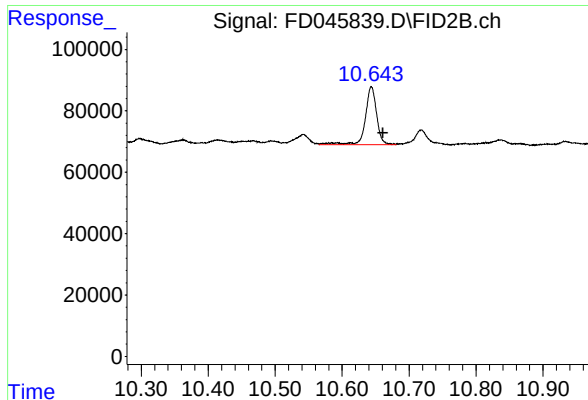
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: -0.055 min
Response: 48391
Conc: 0.24 ug/ml



#8 Flouorene (C16.55)

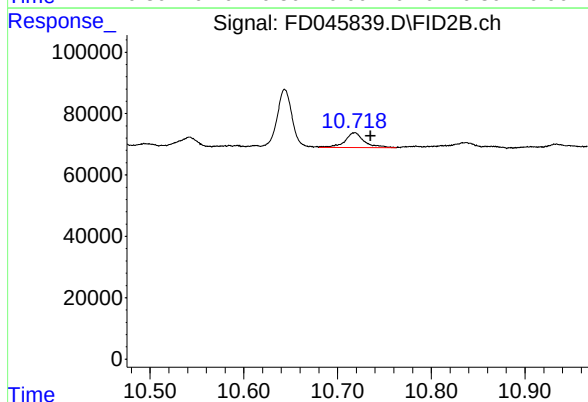
R.T.: 9.267 min
Delta R.T.: -0.003 min
Response: 38945
Conc: 0.20 ug/ml



#9 Phenanthrene (C19.36)

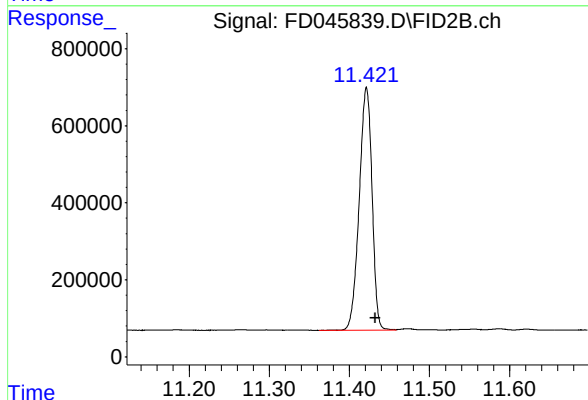
R.T.: 10.644 min
Delta R.T.: -0.017 min
Response: 223818
Conc: 1.17 ug/ml

Instrument :
FID_D
ClientSampleId :



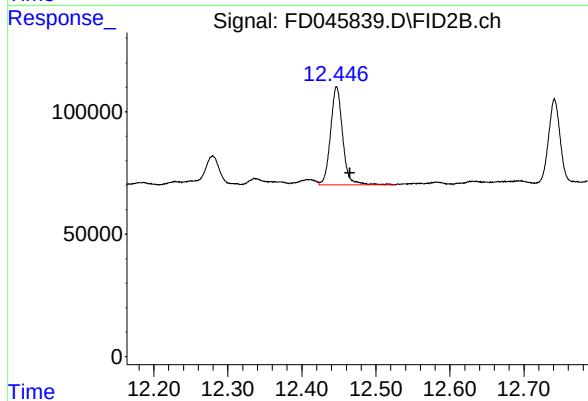
#10 Anthracene (C19.43)

R.T.: 10.718 min
Delta R.T.: -0.017 min
Response: 68497
Conc: 0.40 ug/ml



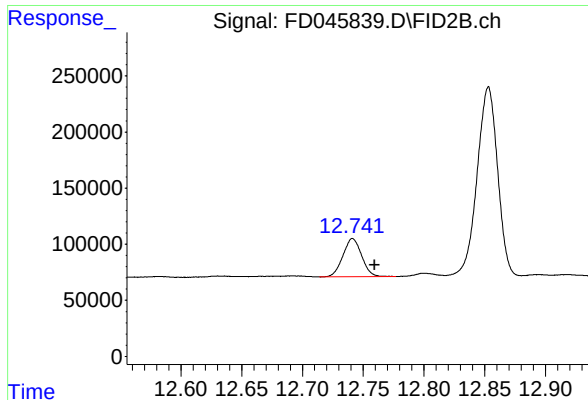
#11 ortho-Terphenyl (SURR)

R.T.: 11.421 min
Delta R.T.: -0.011 min
Response: 7004150
Conc: 31.36 ug/ml



#12 Fluoranthene (C21.85)

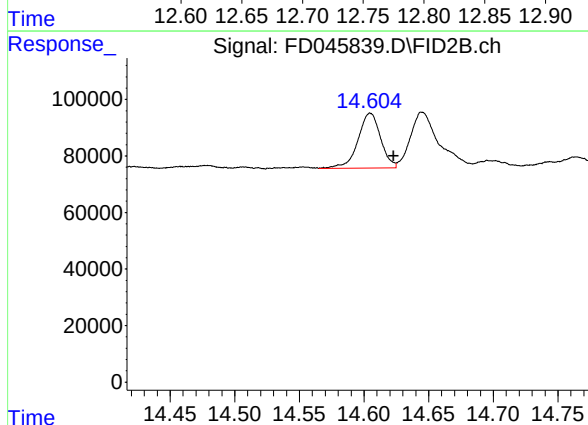
R.T.: 12.447 min
Delta R.T.: -0.018 min
Response: 453776
Conc: 2.46 ug/ml



#13 Pyrene (C20.8)

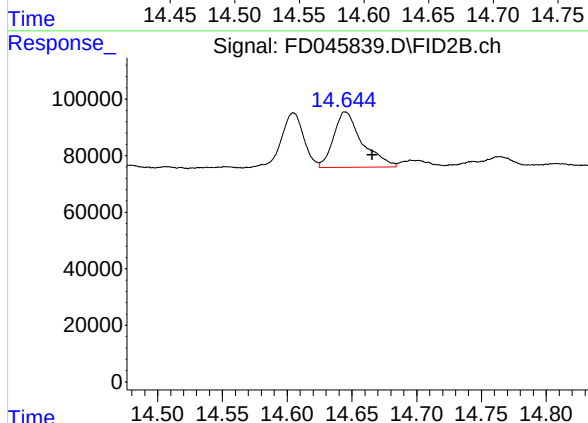
R.T.: 12.741 min
Delta R.T.: -0.018 min
Response: 366644
Conc: 2.05 ug/ml

Instrument :
FID_D
ClientSampleId :



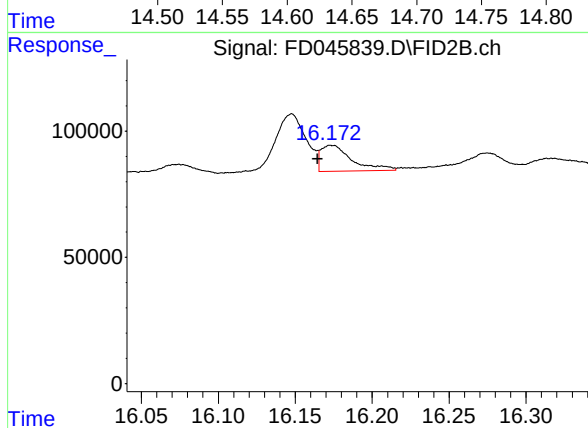
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.605 min
Delta R.T.: -0.018 min
Response: 237854
Conc: 1.52 ug/ml



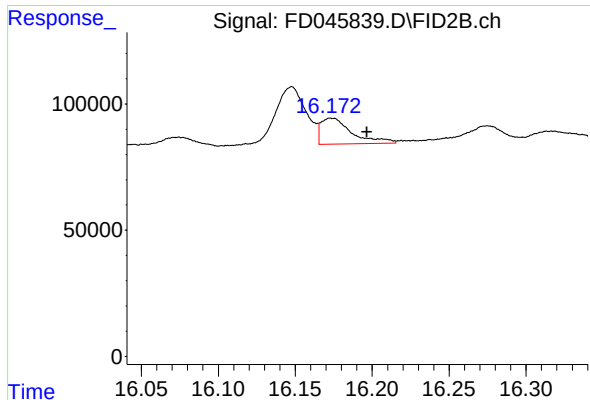
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: -0.020 min
Response: 302649
Conc: 1.83 ug/ml



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

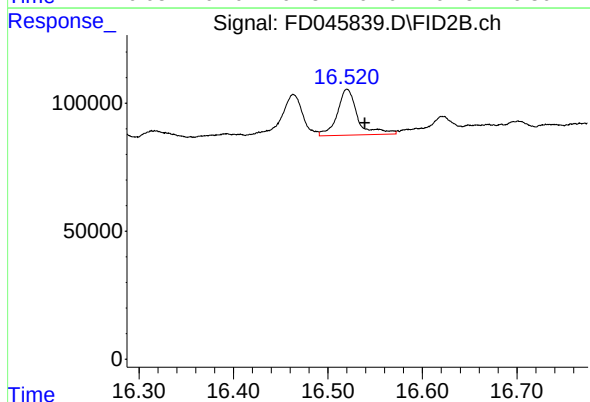
R.T.: 16.174 min
Delta R.T.: 0.009 min
Response: 144731
Conc: 0.96 ug/ml



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

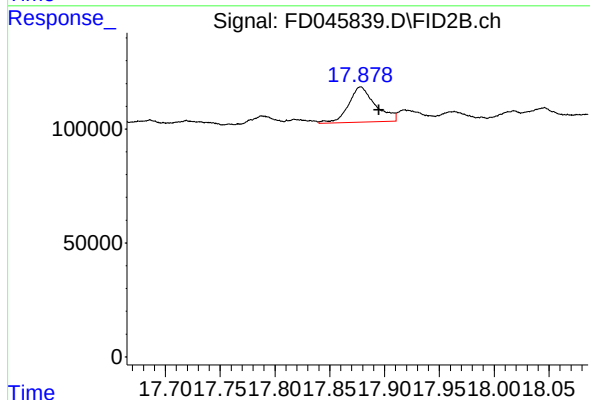
R.T.: 16.174 min
Delta R.T.: -0.023 min
Response: 144731
Conc: 0.93 ug/ml

Instrument :
FID_D
ClientSampleId :



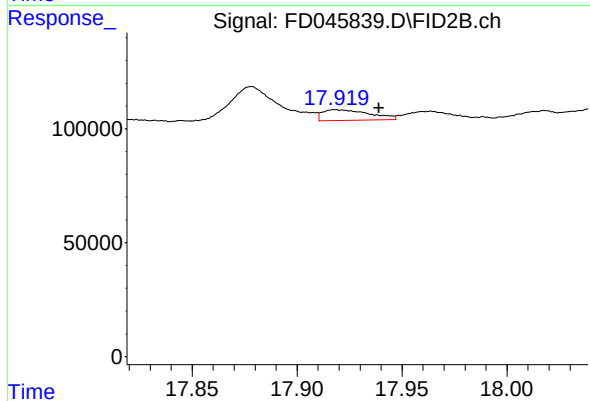
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.520 min
Delta R.T.: -0.019 min
Response: 268672
Conc: 1.84 ug/ml



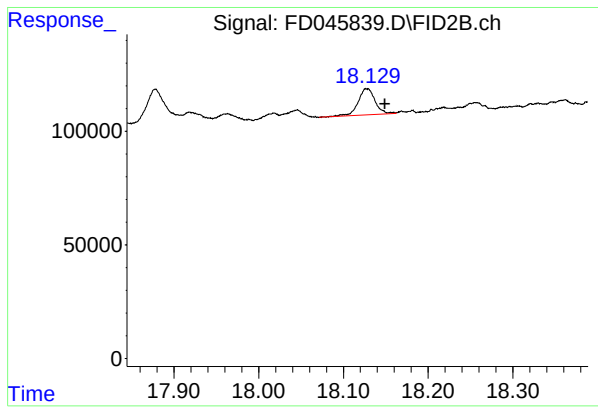
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: -0.017 min
Response: 260754
Conc: 1.78 ug/ml



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

R.T.: 17.919 min
Delta R.T.: -0.020 min
Response: 72852
Conc: 0.49 ug/ml



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

R.T.: 18.128 min

Delta R.T.: -0.021 min

Response: 163512

Conc: 1.11 ug/ml

Instrument :

FID_D

ClientSampleId :