

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045850.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2023 19:51
 Operator : YP/AJ
 Sample : 03222-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 00:39:10 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...	7.526	8843507	49.052 ug/ml
Spiked Amount 50.000		Recovery =	98.10%
6) S 2-Fluorobiphenyl (SURR)	8.381	5727908	47.642 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.28%
11) S ortho-Terphenyl (SURR)	11.420	7152713	32.022 ug/ml
Spiked Amount 50.000		Recovery =	64.04%
Target Compounds			
2) T Naphthalene (C11.7)	5.863	57343	0.271 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	53838	0.255 ug/ml
5) T Acenaphthylene (C15.06)	8.182	46248	0.244 ug/ml
7) T Acenaphthene (C15.5)	8.475	44967	0.222 ug/ml
8) T Fluorene (C16.55)	9.255	62958	0.318 ug/ml
9) T Phenanthrene (C19.36)	10.643	498308	2.605 ug/ml
10) T Anthracene (C19.43)	10.716	122920	0.722 ug/ml
12) T Fluoranthene (C21.85)	12.446	846052	4.579 ug/ml
13) T Pyrene (C20.8)	12.740	710137	3.976 ug/ml
14) T Benzo[a]anthracene (C...	14.603	401288	2.563 ug/ml
15) T Chrysene (C27.41)	14.643	449995	2.728 ug/ml
16) T benzo[b]fluoranthene ...	16.173	184533	1.219 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	184533	1.192 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.518	377363	2.580 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.874	352046	2.404 ug/ml
20) T Dibenz[a,h]anthracene...	17.957	71450	0.476 ug/ml
21) T Benzo[g,h,i]perylene ...	18.124	254324	1.724 ug/ml

(f)=RT Delta > 1/2 Window

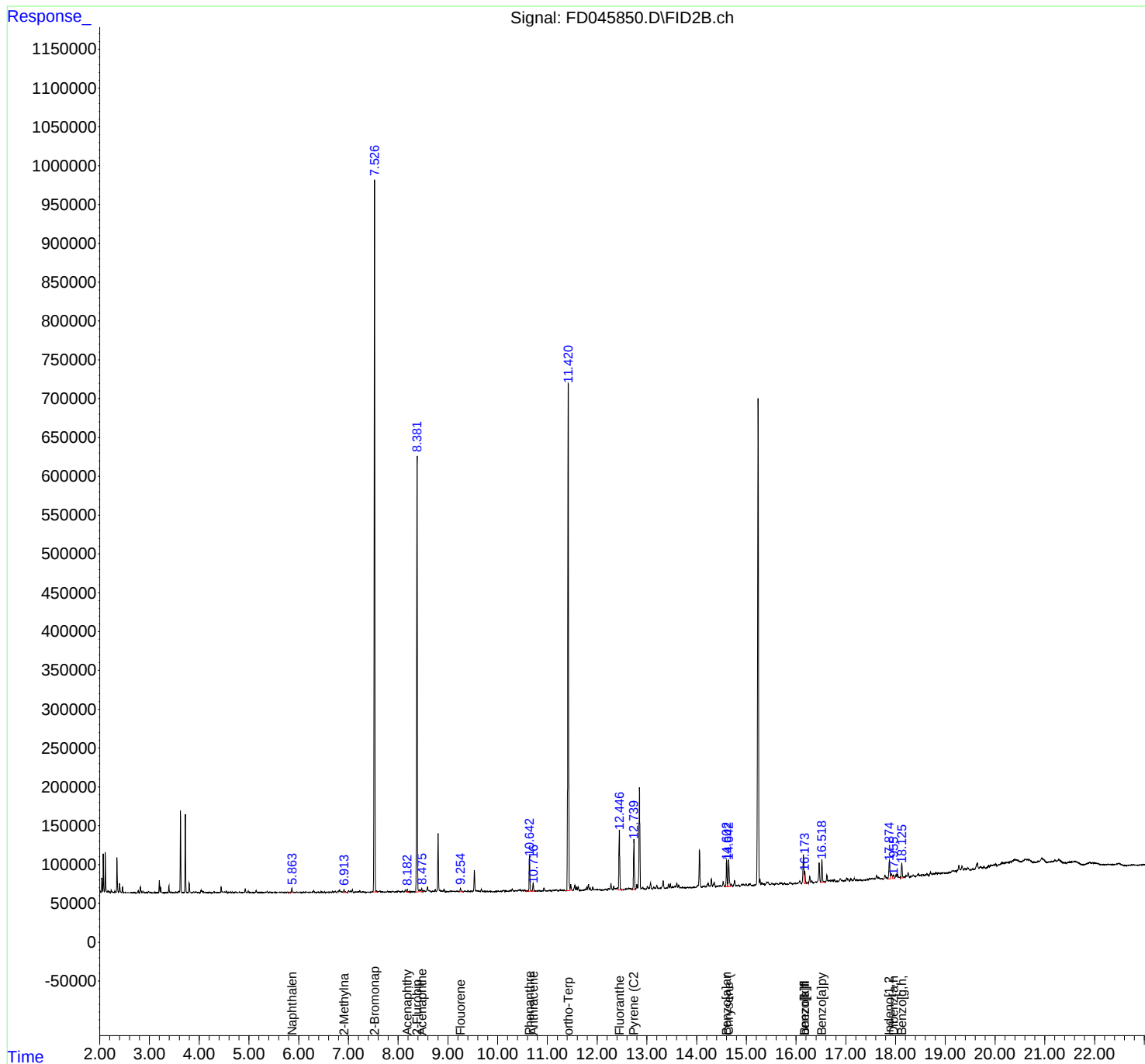
(m)=manual int.

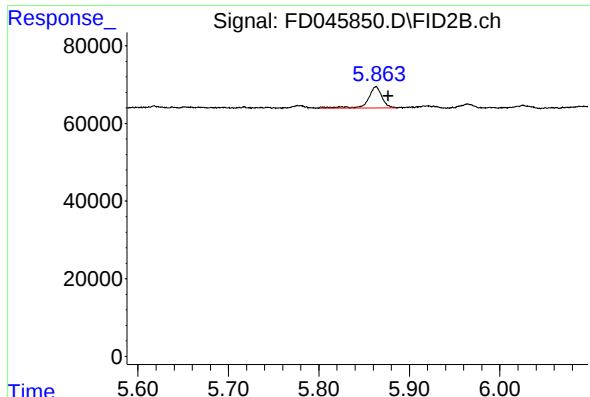
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
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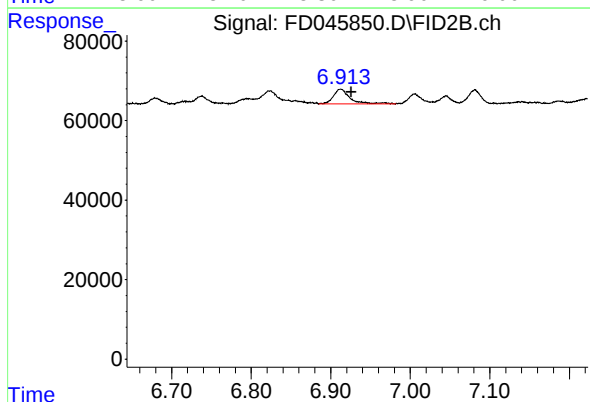
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.013 min
Response: 57343
Conc: 0.27 ug/ml

Instrument :

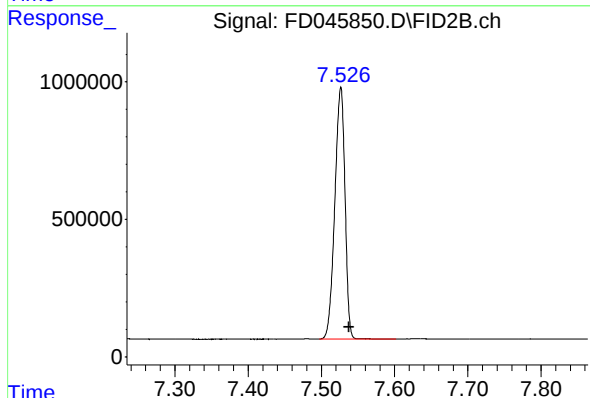
FID_D

ClientSampleId :



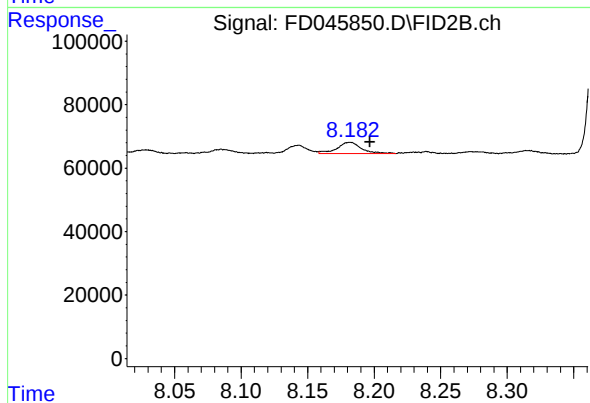
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 53838
Conc: 0.25 ug/ml



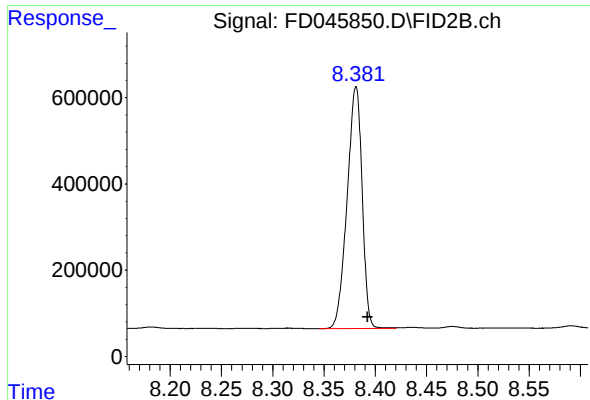
#4 2-Bromonaphthalene (SURR)

R.T.: 7.526 min
Delta R.T.: -0.011 min
Response: 8843507
Conc: 49.05 ug/ml



#5 Acenaphthylene (C15.06)

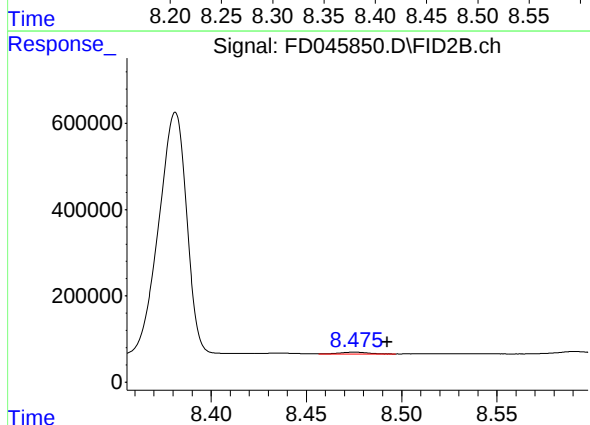
R.T.: 8.182 min
Delta R.T.: -0.015 min
Response: 46248
Conc: 0.24 ug/ml



#6 2-Fluorobiphenyl (SURR)

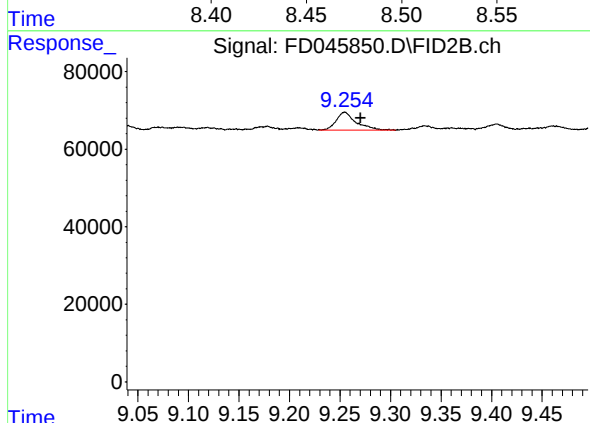
R.T.: 8.381 min
Delta R.T.: -0.012 min
Response: 5727908
Conc: 47.64 ug/ml

Instrument :
FID_D
ClientSampleId :



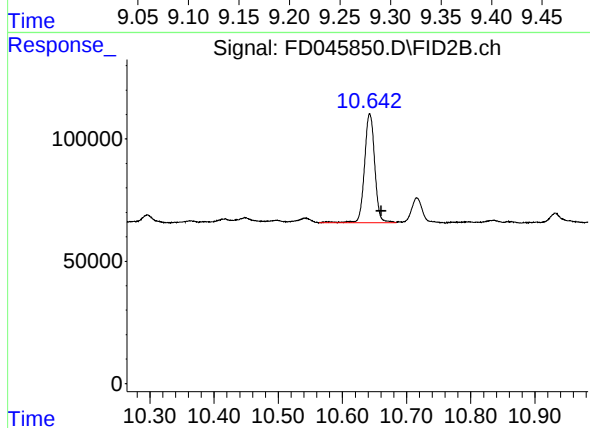
#7 Acenaphthene (C15.5)

R.T.: 8.475 min
Delta R.T.: -0.017 min
Response: 44967
Conc: 0.22 ug/ml



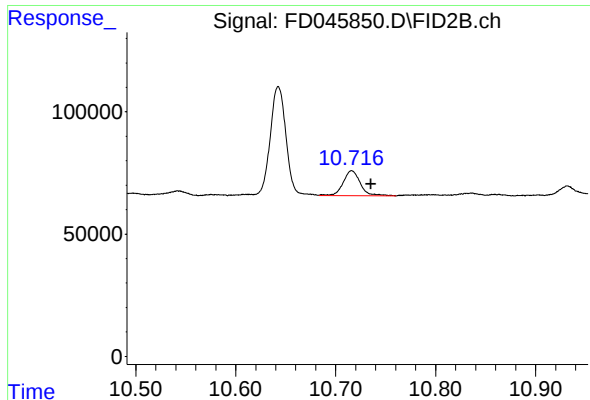
#8 Flouorene (C16.55)

R.T.: 9.255 min
Delta R.T.: -0.016 min
Response: 62958
Conc: 0.32 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.643 min
Delta R.T.: -0.018 min
Response: 498308
Conc: 2.60 ug/ml



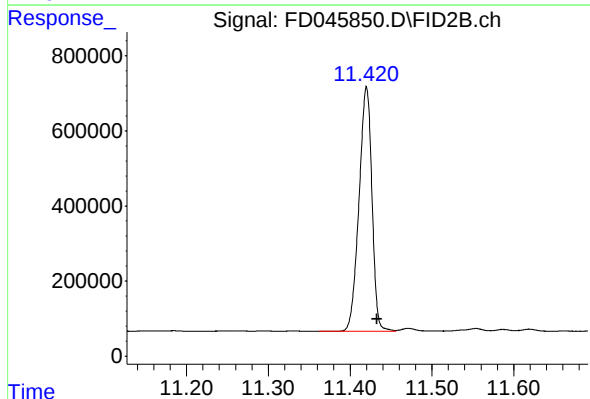
#10 Anthracene (C19.43)

R.T.: 10.716 min
Delta R.T.: -0.019 min
Response: 122920
Conc: 0.72 ug/ml

Instrument :

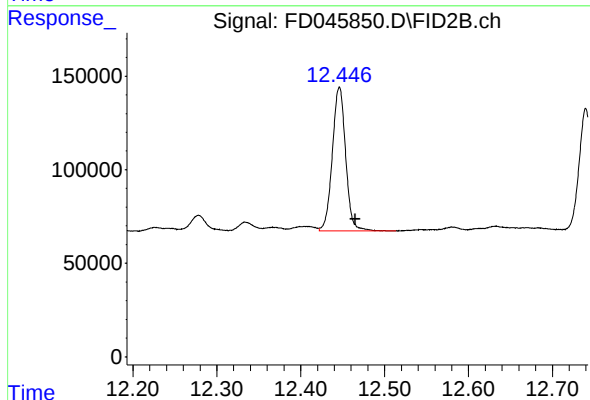
FID_D

ClientSampleId :



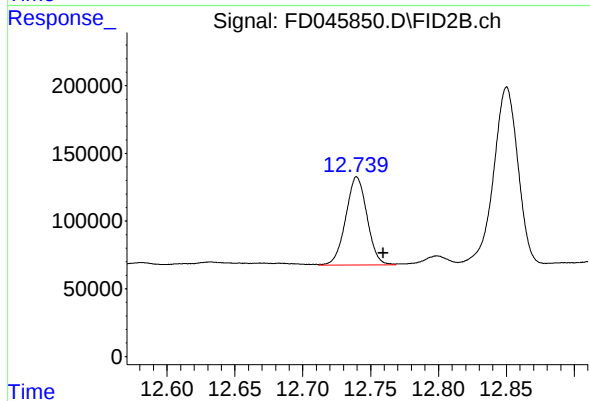
#11 ortho-Terphenyl (SURR)

R.T.: 11.420 min
Delta R.T.: -0.013 min
Response: 7152713
Conc: 32.02 ug/ml



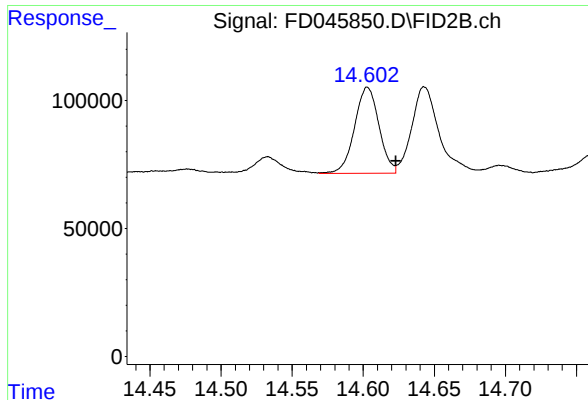
#12 Fluoranthene (C21.85)

R.T.: 12.446 min
Delta R.T.: -0.019 min
Response: 846052
Conc: 4.58 ug/ml



#13 Pyrene (C20.8)

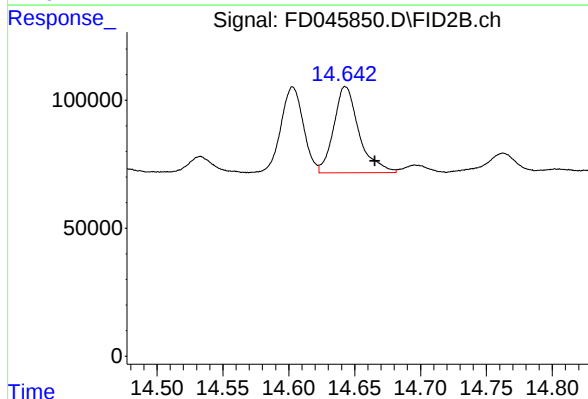
R.T.: 12.740 min
Delta R.T.: -0.019 min
Response: 710137
Conc: 3.98 ug/ml



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

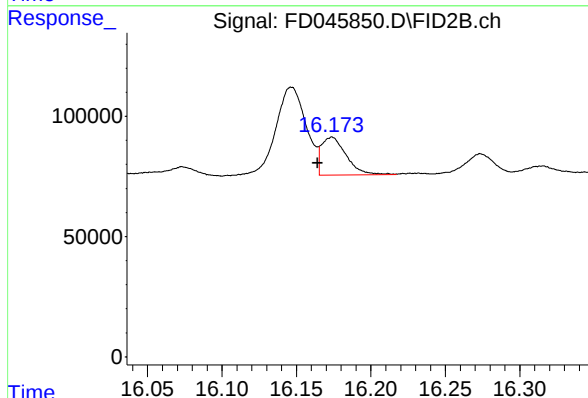
R.T.: 14.603 min
Delta R.T.: -0.020 min
Response: 401288
Conc: 2.56 ug/ml

Instrument :
FID_D
ClientSampleId :



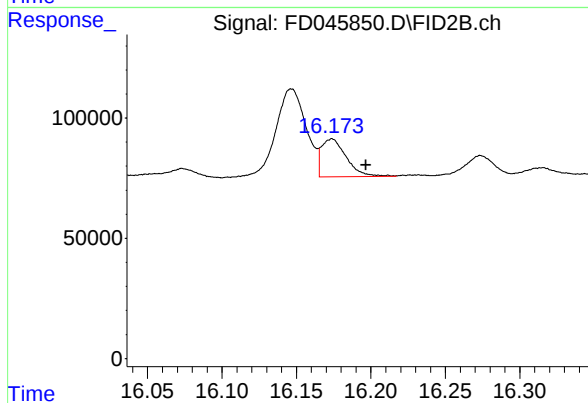
#15 Chrysene (C27.41)

R.T.: 14.643 min
Delta R.T.: -0.022 min
Response: 449995
Conc: 2.73 ug/ml



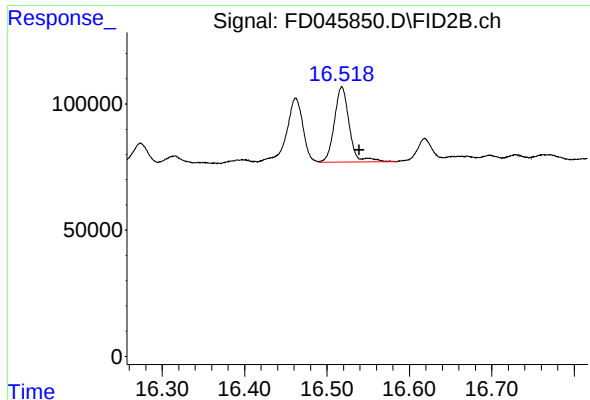
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.173 min
Delta R.T.: 0.009 min
Response: 184533
Conc: 1.22 ug/ml



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

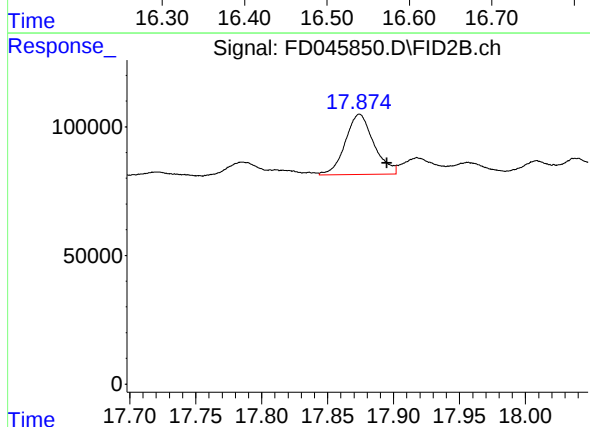
R.T.: 16.173 min
Delta R.T.: -0.023 min
Response: 184533
Conc: 1.19 ug/ml



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

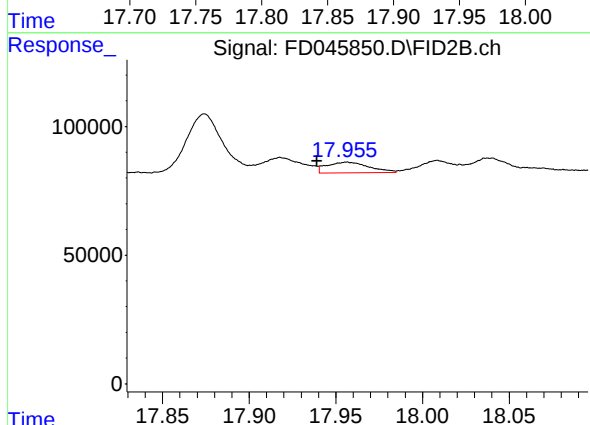
R.T.: 16.518 min
Delta R.T.: -0.021 min
Response: 377363
Conc: 2.58 ug/ml

Instrument :
FID_D
ClientSampleId :



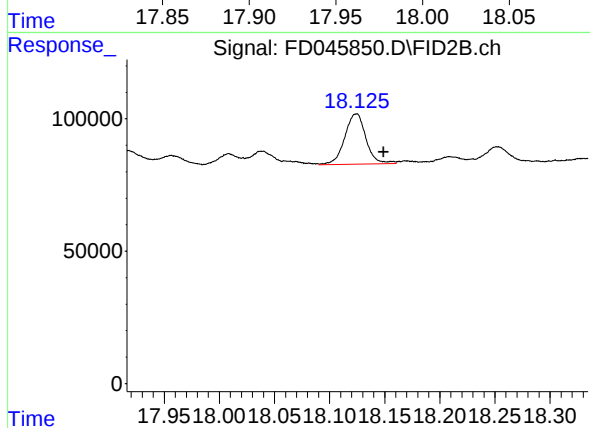
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.874 min
Delta R.T.: -0.021 min
Response: 352046
Conc: 2.40 ug/ml



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

R.T.: 17.957 min
Delta R.T.: 0.018 min
Response: 71450
Conc: 0.48 ug/ml



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

R.T.: 18.124 min
Delta R.T.: -0.025 min
Response: 254324
Conc: 1.72 ug/ml