

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\
 Data File : FD022394.D
 Signal(s) : FID2B.CH
 Acq On : 07 Mar 2018 7:45
 Operator : UA/AJ
 Sample : J1722-09RE
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 08 01:47:00 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.335	7503664	89.567 ug/ml
Spiked Amount 50.000		Recovery =	179.13%
6) S 2-Fluorobiphenyl (SURR)	8.192	5107785	101.029 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	202.06%#
11) S ortho-Terphenyl (SURR)	11.219	3404220	35.871 ug/ml
Spiked Amount 50.000		Recovery =	71.74%
Target Compounds			
2) T Naphthalene (C11.7)	5.689	79065	0.884 ug/ml
3) T 2-Methylnaphthalene (...)	6.743	34770	0.383 ug/ml
7) T Acenaphthene (C15.5)	8.290	89628	0.875 ug/ml
9) T Phenanthrene (C19.36)	10.462	337230	3.619 ug/ml
10) T Anthracene (C19.43)	10.551	81584	0.860 ug/ml
12) T Fluoranthene (C21.85)	12.268	778127	7.758 ug/ml
13) T Pyrene (C20.8)	12.563	736244	7.247 ug/ml
14) T Benzo[a]anthracene (C...	14.445	397418	4.121 ug/ml
15) T Chrysene (C27.41)	14.485	494631	4.583 ug/ml
16) T benzo[b]fluoranthene ...	16.003	522473	5.197 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	192752	1.699 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.388	392857	3.738 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.774	368135	3.864 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	368135	3.240 ug/ml
21) T Benzo[g,h,i]perylene ...	18.026	198257	1.909 ug/ml

(f)=RT Delta > 1/2 Window

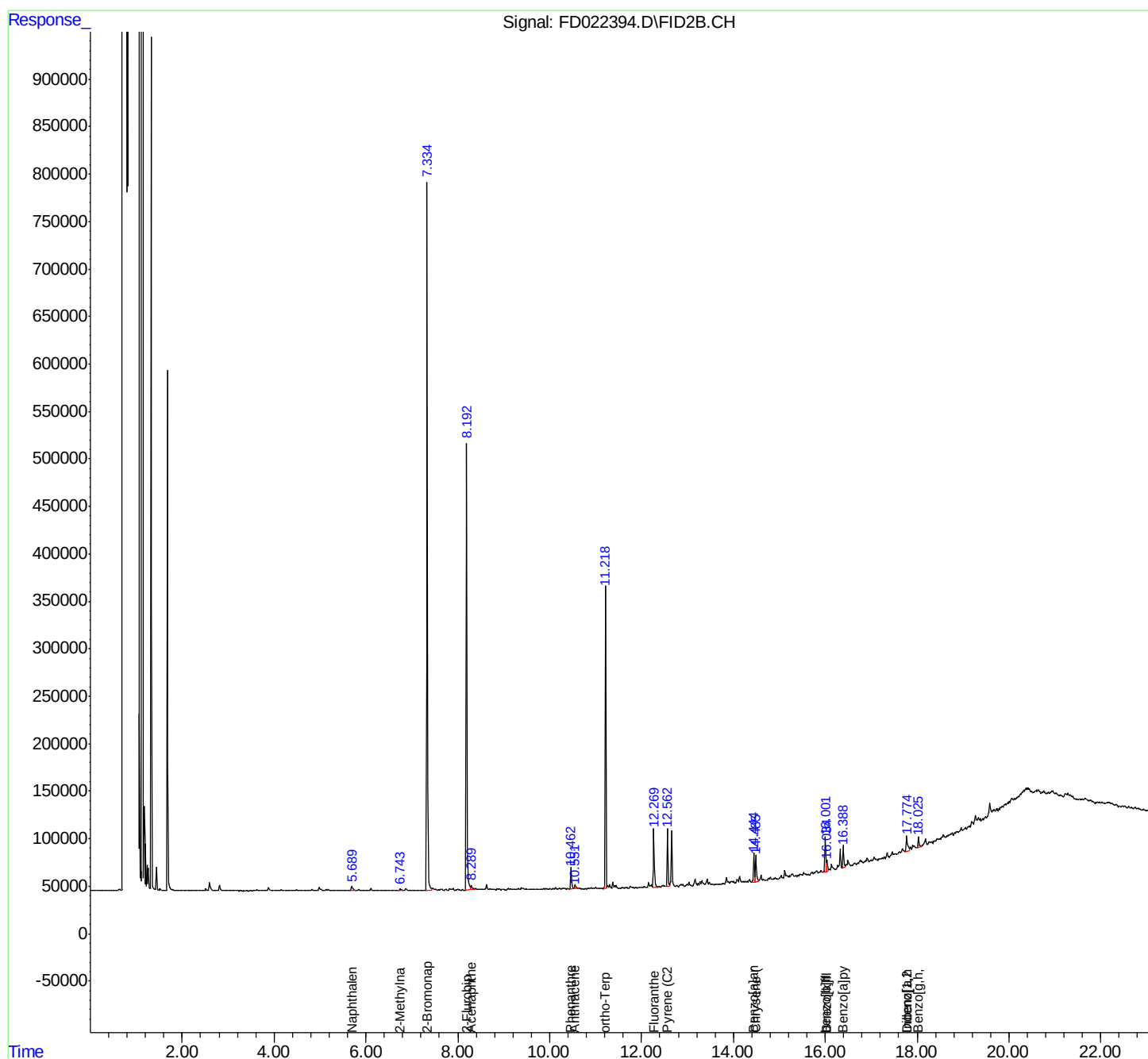
(m)=manual int.

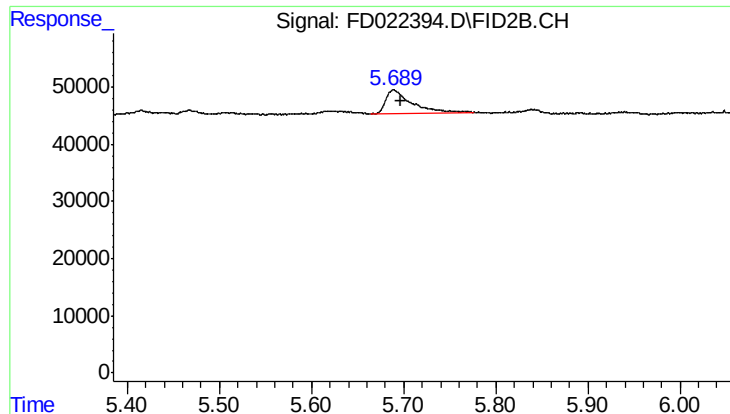
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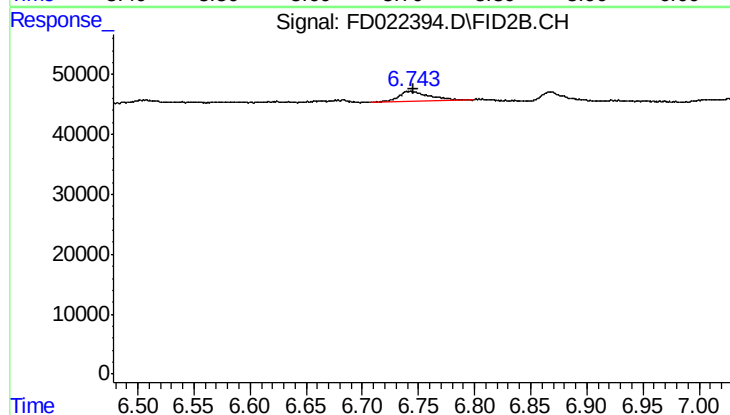




#2 Naphthalene (C11.7)

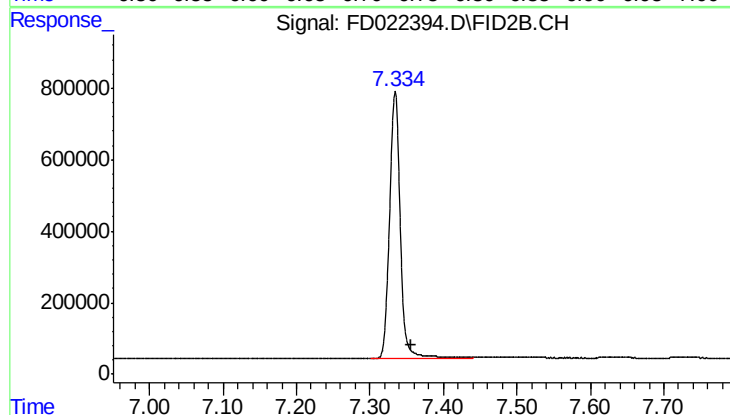
R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 79065
Conc: 0.88 ug/ml

Instrument :
FID_D
ClientSampleId :



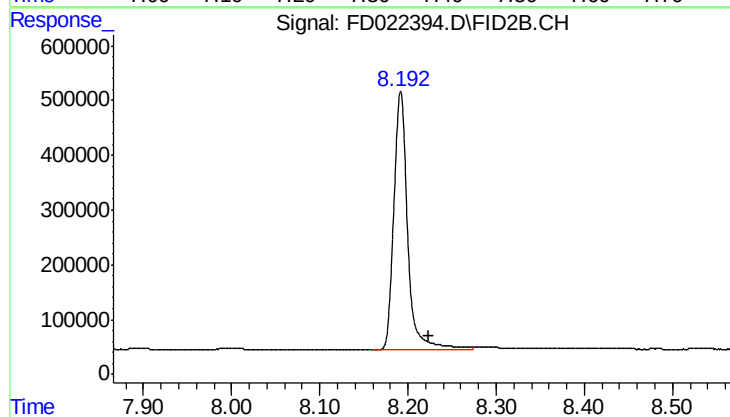
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 34770
Conc: 0.38 ug/ml



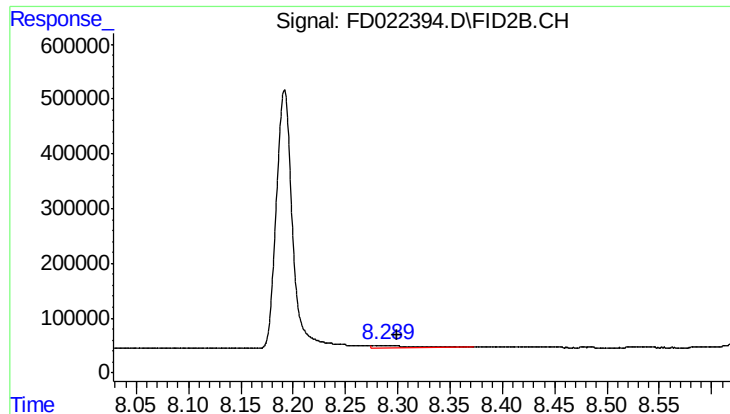
#4 2-Bromonaphthalene (SURR)

R.T.: 7.335 min
Delta R.T.: -0.021 min
Response: 7503664
Conc: 89.57 ug/ml



#6 2-Fluorobiphenyl (SURR)

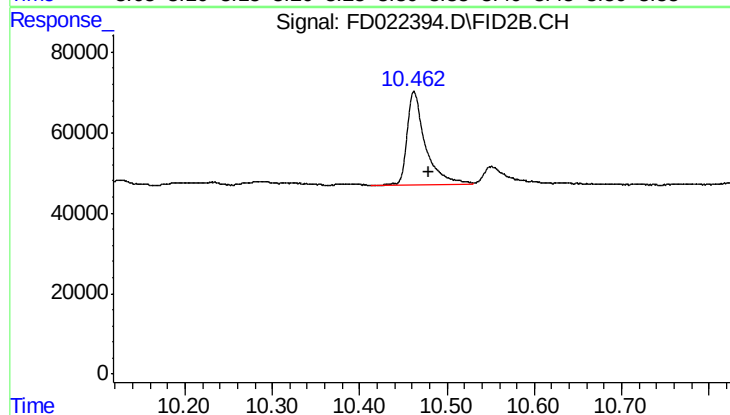
R.T.: 8.192 min
Delta R.T.: -0.033 min
Response: 5107785
Conc: 101.03 ug/ml



#7 Acenaphthene (C15.5)

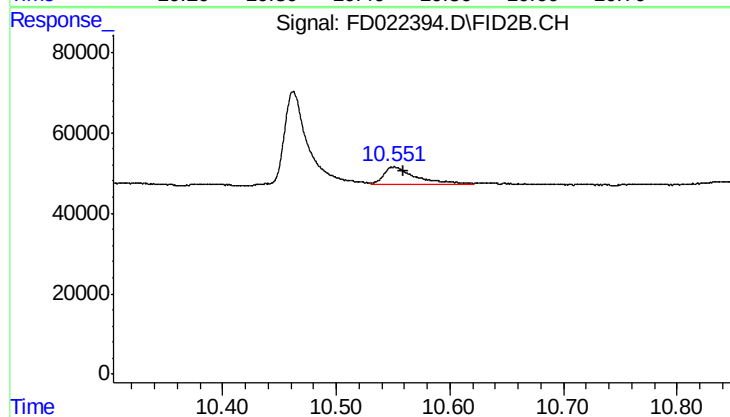
R.T.: 8.290 min
Delta R.T.: -0.009 min
Response: 89628
Conc: 0.87 ug/ml

Instrument :
FID_D
ClientSampleId :



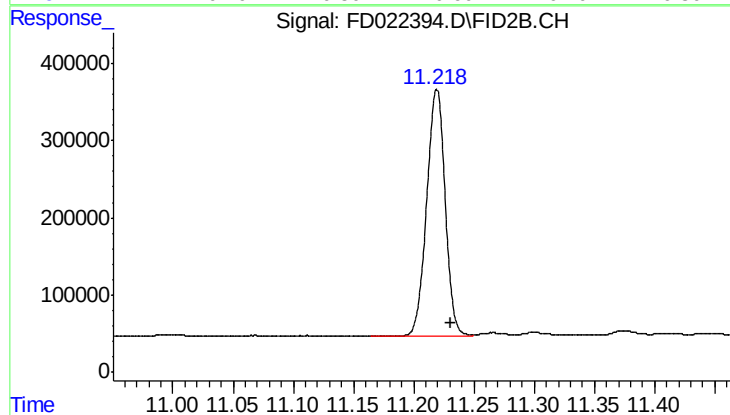
#9 Phenanthrene (C19.36)

R.T.: 10.462 min
Delta R.T.: -0.018 min
Response: 337230
Conc: 3.62 ug/ml



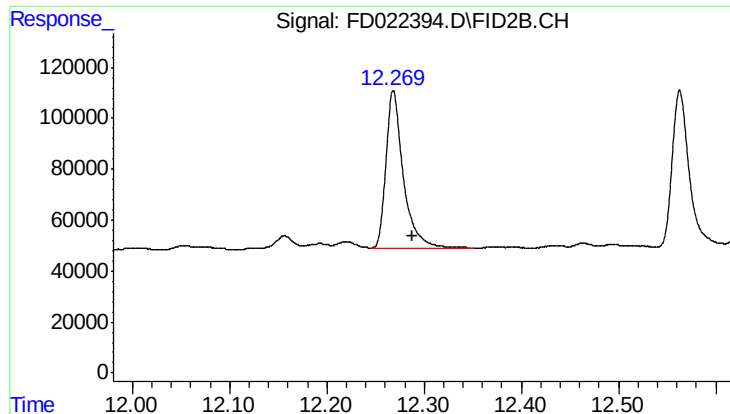
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: -0.009 min
Response: 81584
Conc: 0.86 ug/ml



#11 ortho-Terphenyl (SURR)

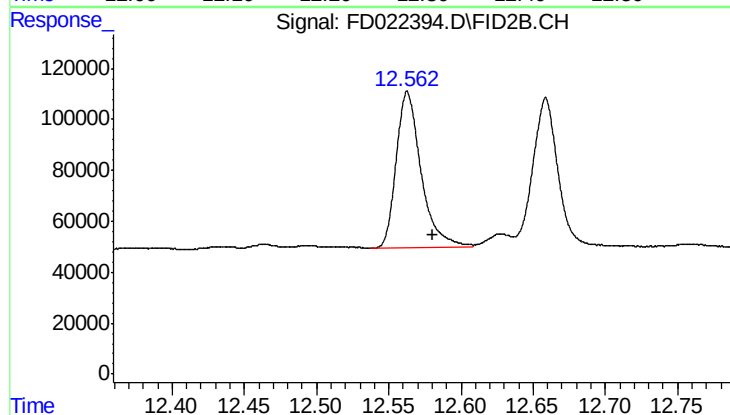
R.T.: 11.219 min
Delta R.T.: -0.011 min
Response: 3404220
Conc: 35.87 ug/ml



#12 Fluoranthene (C21.85)

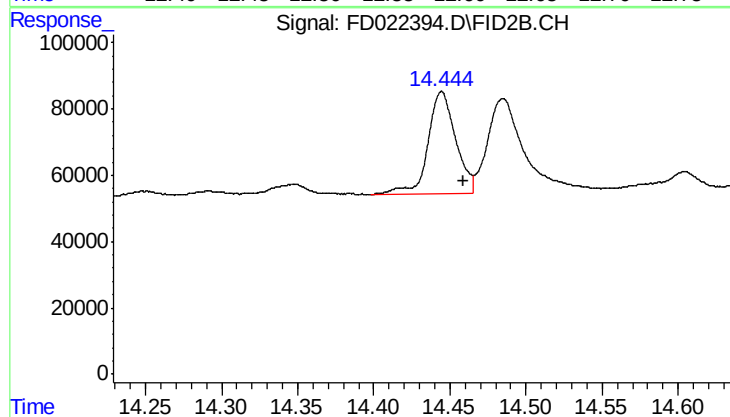
R.T.: 12.268 min
Delta R.T.: -0.019 min
Response: 778127
Conc: 7.76 ug/ml

Instrument :
FID_D
ClientSampleId :



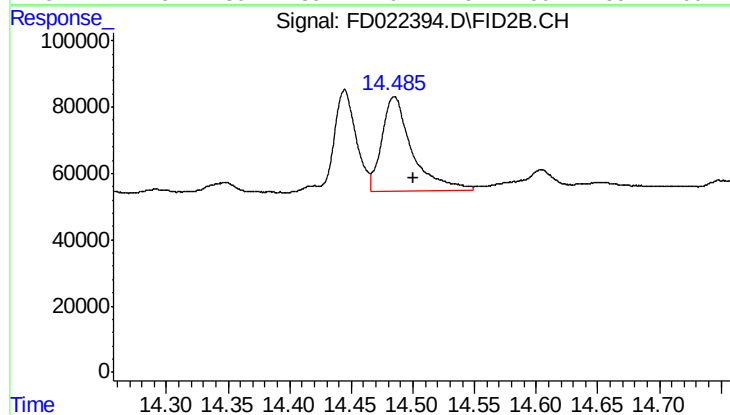
#13 Pyrene (C20.8)

R.T.: 12.563 min
Delta R.T.: -0.017 min
Response: 736244
Conc: 7.25 ug/ml



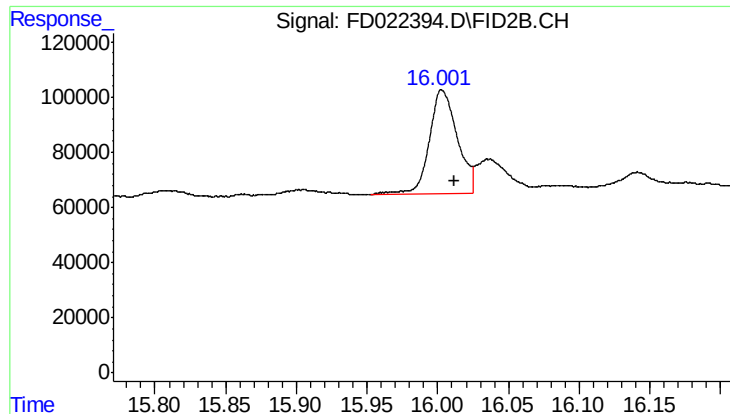
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: -0.015 min
Response: 397418
Conc: 4.12 ug/ml



#15 Chrysene (C27.41)

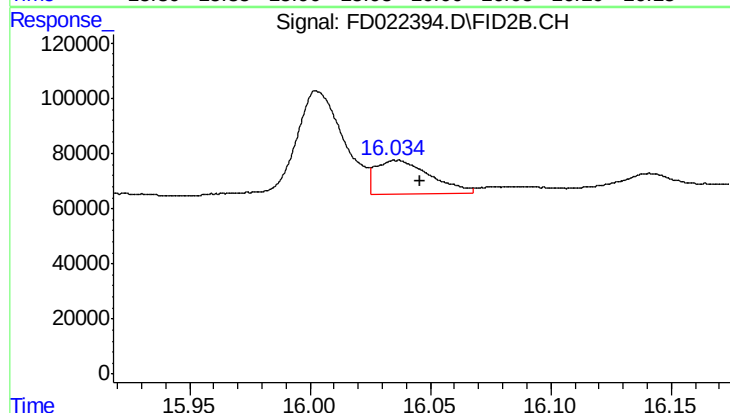
R.T.: 14.485 min
Delta R.T.: -0.015 min
Response: 494631
Conc: 4.58 ug/ml



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

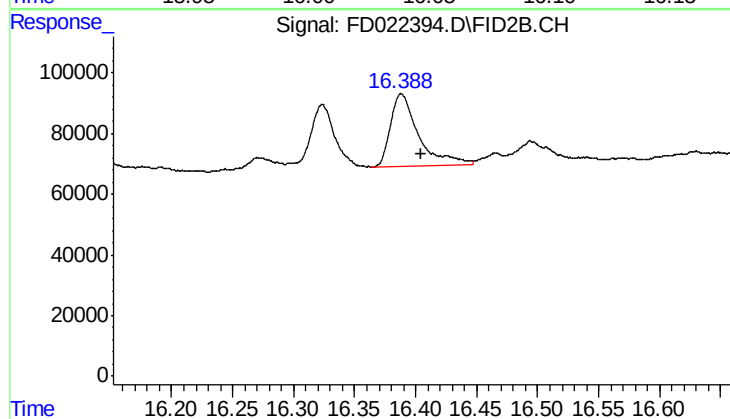
R.T.: 16.003 min
Delta R.T.: -0.009 min
Response: 522473
Conc: 5.20 ug/ml

Instrument :
FID_D
ClientSampleId :



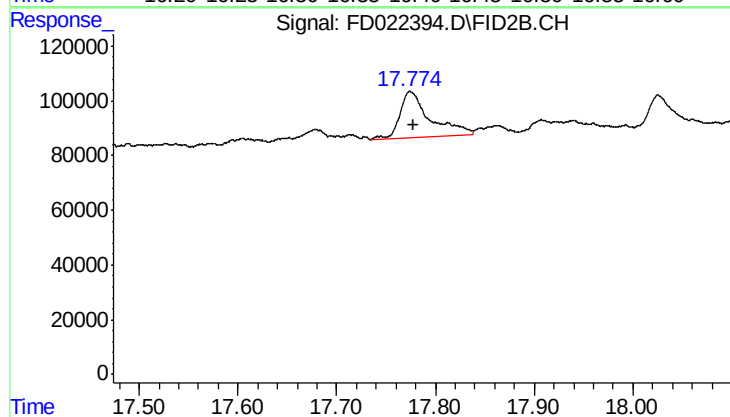
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.036 min
Delta R.T.: -0.010 min
Response: 192752
Conc: 1.70 ug/ml



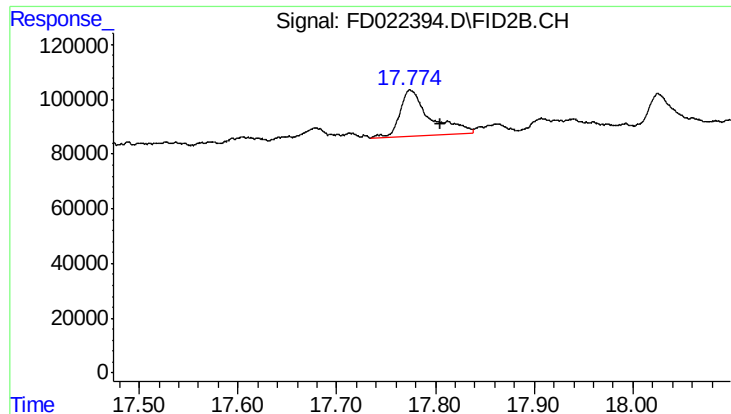
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.388 min
Delta R.T.: -0.016 min
Response: 392857
Conc: 3.74 ug/ml



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

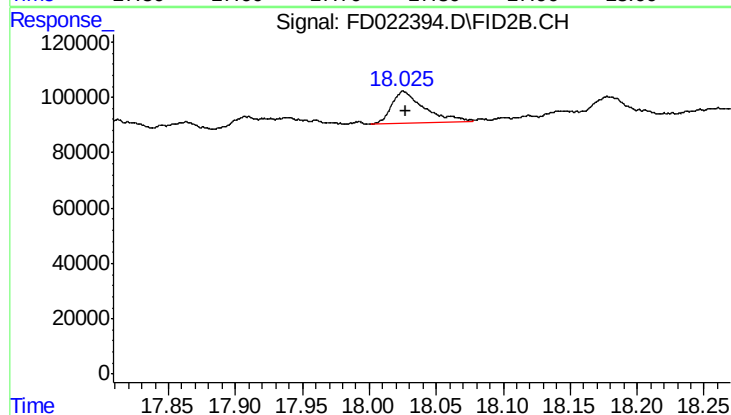
R.T.: 17.774 min
Delta R.T.: -0.003 min
Response: 368135
Conc: 3.86 ug/ml



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

R.T.: 17.774 min
Delta R.T.: -0.030 min
Response: 368135
Conc: 3.24 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.026 min
Delta R.T.: -0.002 min
Response: 198257
Conc: 1.91 ug/ml