

Data Path : P:\HPCHEM1\FID D\Data\FD041618AR\
 Data File : FD023054.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2018 5:52
 Operator : UA/AJ
 Sample : J2348-07
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 17 11:10:59 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 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...	7.292	6929989	51.100 ug/ml
Spiked Amount 50.000		Recovery =	102.20%
6) S 2-Fluorobiphenyl (SURR)	8.150	4292182	60.226 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	120.45%
11) S ortho-Terphenyl (SURR)	11.173	3784496	27.070 ug/ml
Spiked Amount 50.000		Recovery =	54.14%
Target Compounds			
5) T Acenaphthylene (C15.06)	7.986	53045	0.363 ug/ml
7) T Acenaphthene (C15.5)	8.254	227886	1.349 ug/ml
8) T Fluorene (C16.55)	9.056	116719	0.815 ug/ml
9) T Phenanthrene (C19.36)	10.421	1287423	9.700 ug/ml
10) T Anthracene (C19.43)	10.517	360159	2.574 ug/ml
12) T Fluoranthene (C21.85)	12.226	2786542	20.287 ug/ml
13) T Pyrene (C20.8)	12.520	2244997	15.904 ug/ml
14) T Benzo[a]anthracene (C...	14.403	1368712	11.017 ug/ml
15) T Chrysene (C27.41)	14.445	1503995	9.714 ug/ml
16) T benzo[b]fluoranthene ...	15.963	1590622	11.800 ug/ml
17) T Benzo[k]fluoranthene ...	16.001	739277	4.480 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.351	999679	6.935 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	886344	6.830 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	264505	1.590 ug/ml
21) T Benzo[g,h,i]perylene ...	17.987	761995	5.141 ug/ml

(f)=RT Delta > 1/2 Window

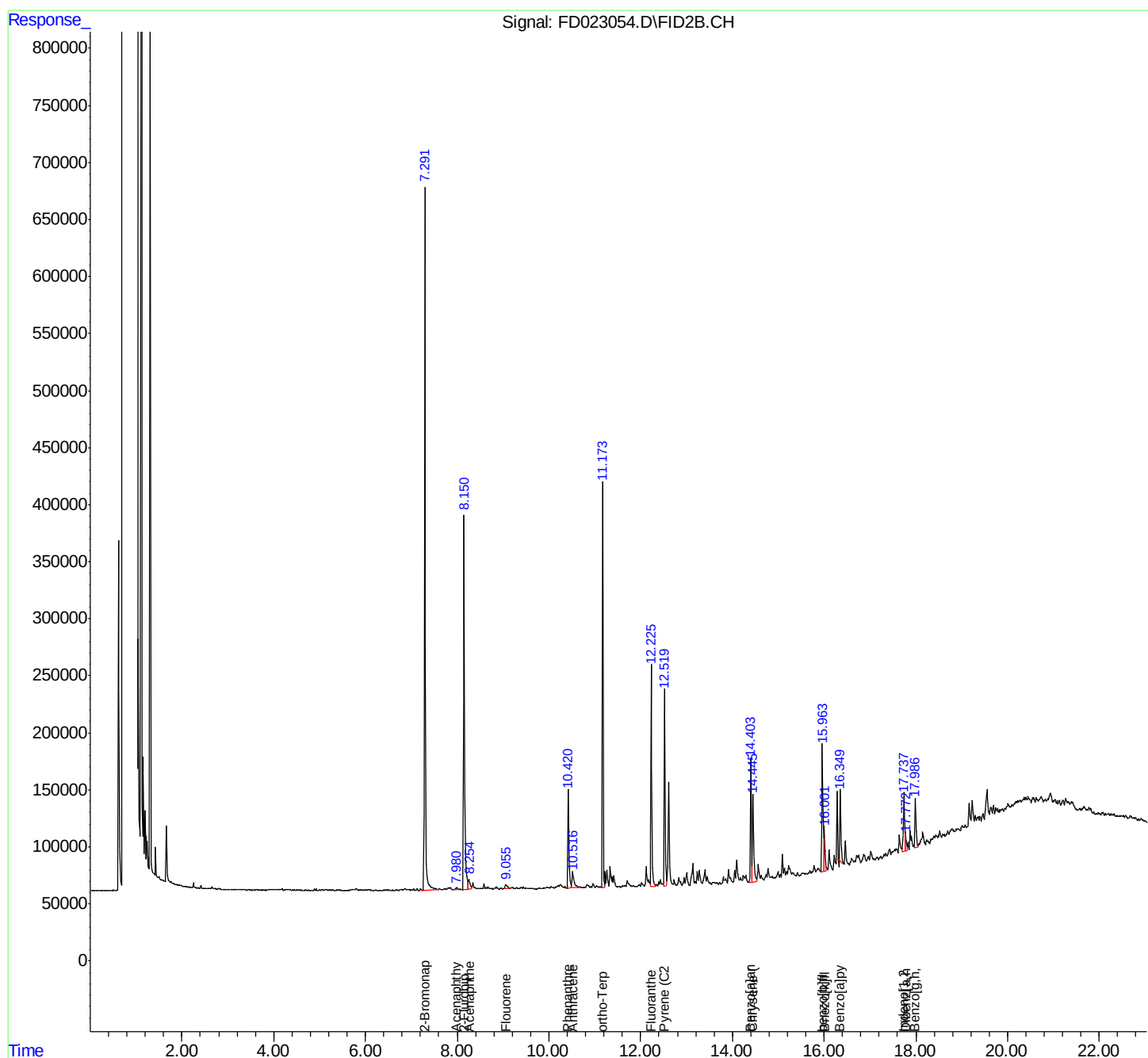
(m)=manual int.

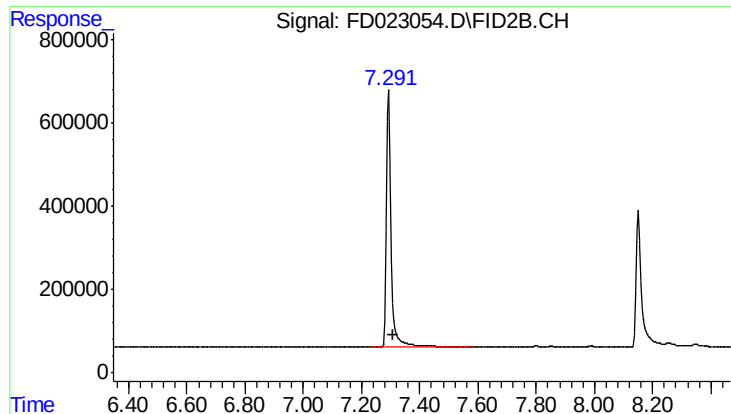
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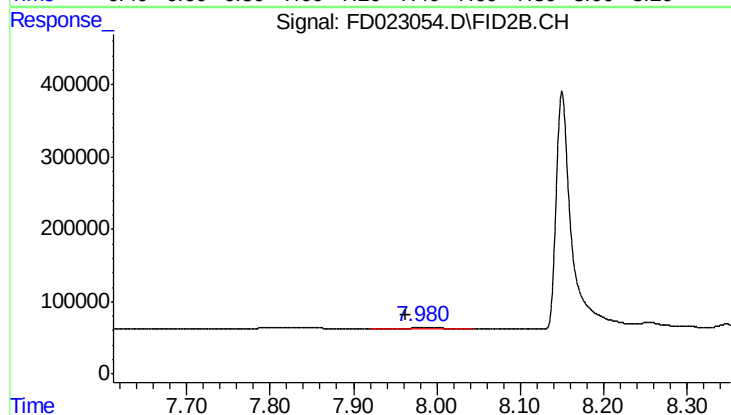




#4 2-Bromonaphthalene (SURR)

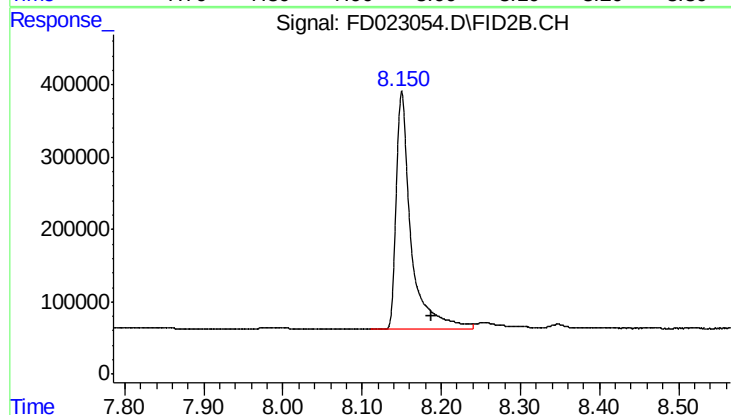
R.T.: 7.292 min
Delta R.T.: -0.017 min
Response: 6929989
Conc: 51.10 ug/ml

Instrument :
FID_D
ClientSampleId :



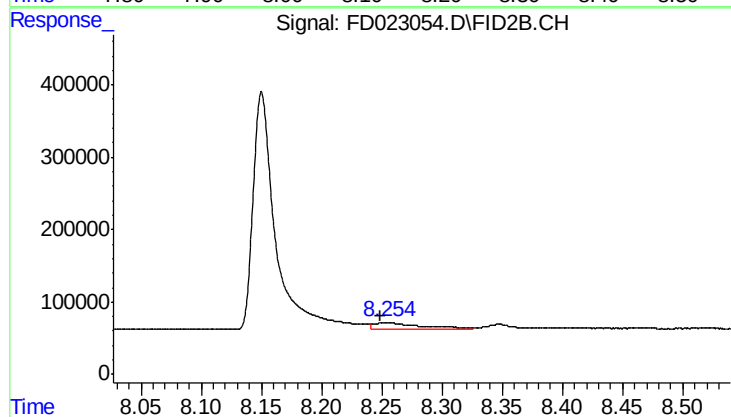
#5 Acenaphthylene (C15.06)

R.T.: 7.986 min
Delta R.T.: 0.023 min
Response: 53045
Conc: 0.36 ug/ml



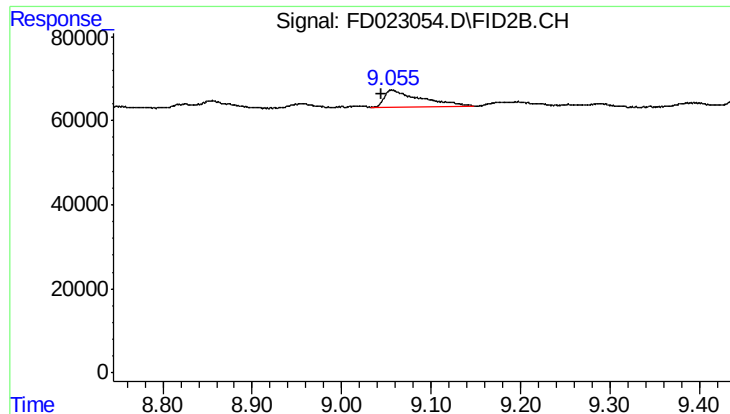
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.150 min
Delta R.T.: -0.038 min
Response: 4292182
Conc: 60.23 ug/ml



#7 Acenaphthene (C15.5)

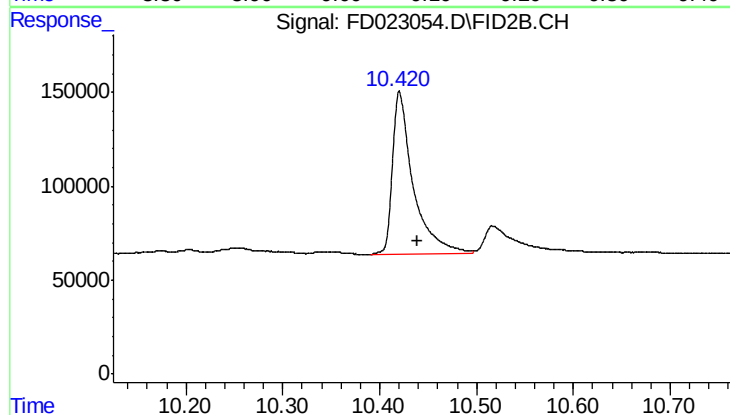
R.T.: 8.254 min
Delta R.T.: 0.006 min
Response: 227886
Conc: 1.35 ug/ml



#8 Flouorene (C16.55)

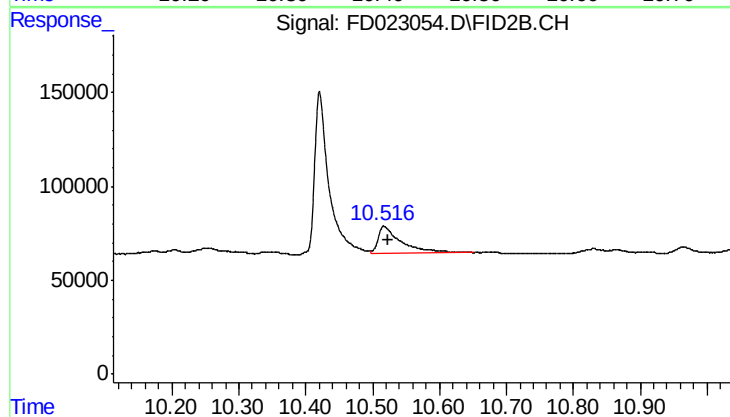
R.T.: 9.056 min
Delta R.T.: 0.012 min
Response: 116719
Conc: 0.82 ug/ml

Instrument :
FID_D
ClientSampleId :



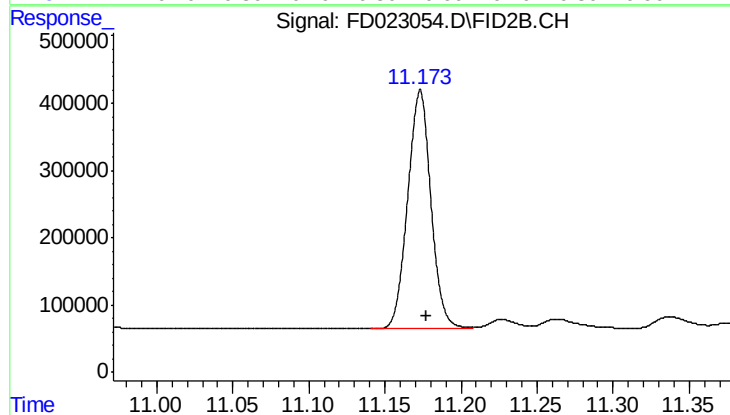
#9 Phenanthrene (C19.36)

R.T.: 10.421 min
Delta R.T.: -0.018 min
Response: 1287423
Conc: 9.70 ug/ml



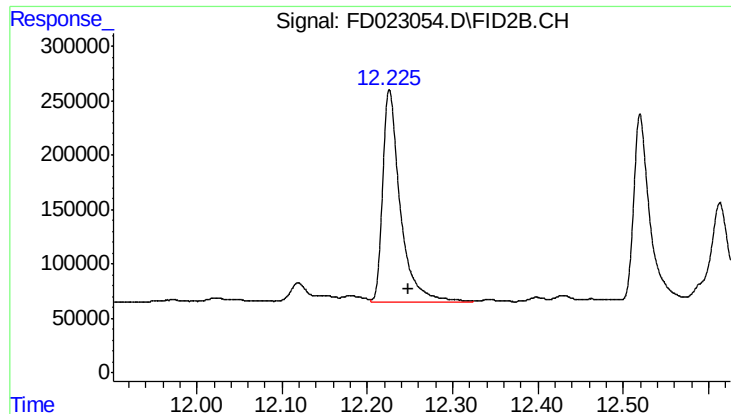
#10 Anthracene (C19.43)

R.T.: 10.517 min
Delta R.T.: -0.006 min
Response: 360159
Conc: 2.57 ug/ml



#11 ortho-Terphenyl (SURR)

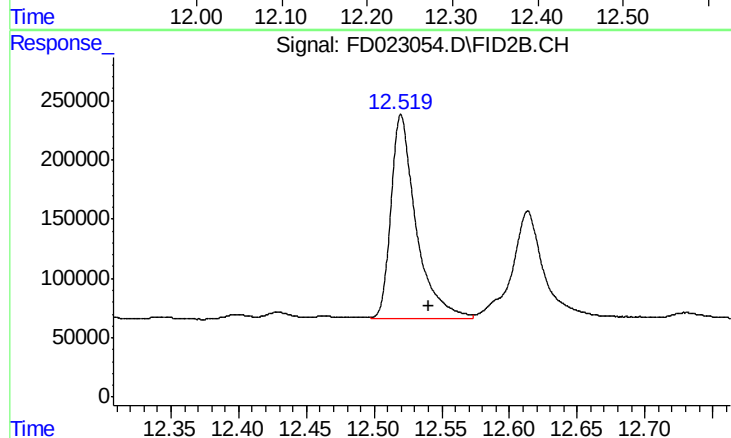
R.T.: 11.173 min
Delta R.T.: -0.004 min
Response: 3784496
Conc: 27.07 ug/ml



#12 Fluoranthene (C21.85)

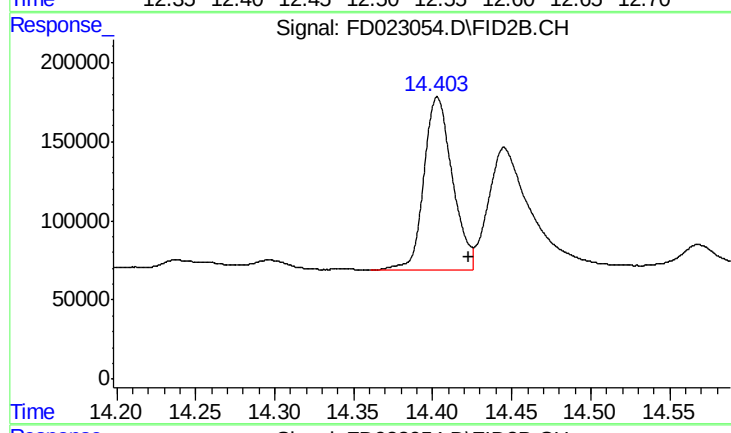
R.T.: 12.226 min
Delta R.T.: -0.023 min
Response: 2786542
Conc: 20.29 ug/ml

Instrument :
FID_D
ClientSampleId :



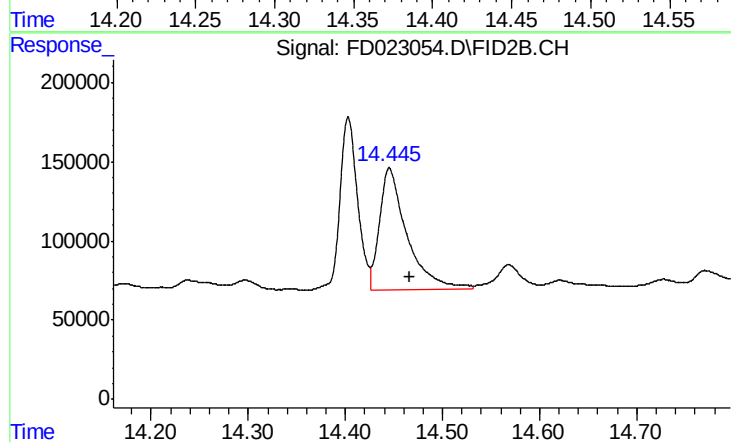
#13 Pyrene (C20.8)

R.T.: 12.520 min
Delta R.T.: -0.021 min
Response: 2244997
Conc: 15.90 ug/ml



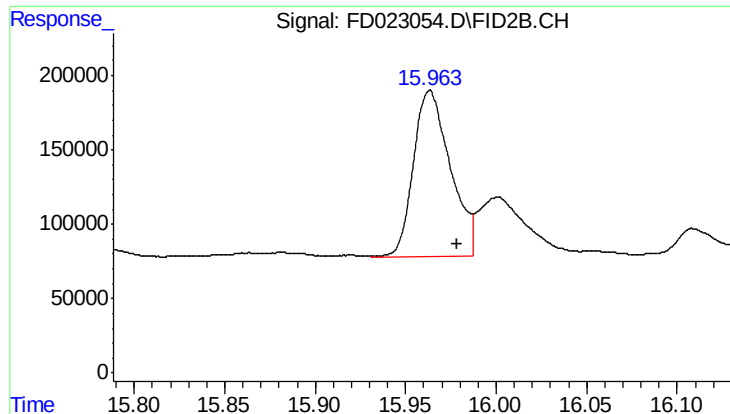
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.403 min
Delta R.T.: -0.020 min
Response: 1368712
Conc: 11.02 ug/ml



#15 Chrysene (C27.41)

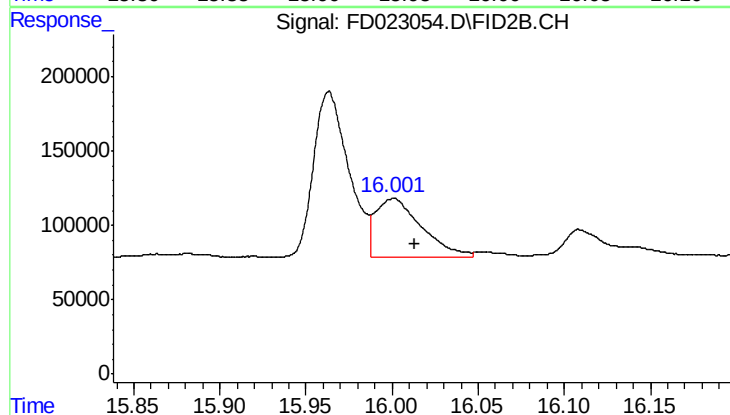
R.T.: 14.445 min
Delta R.T.: -0.021 min
Response: 1503995
Conc: 9.71 ug/ml



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

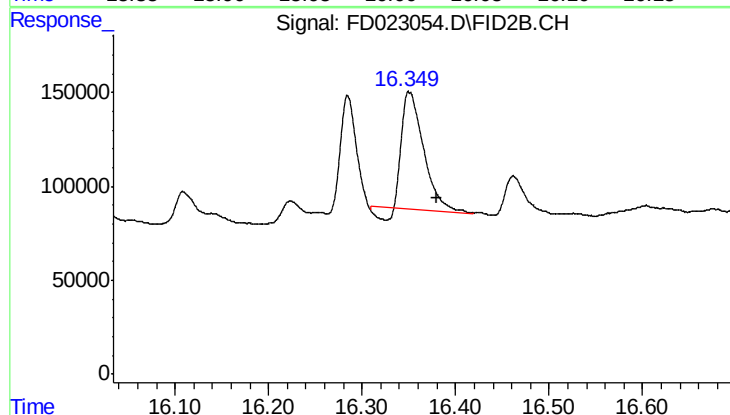
R.T.: 15.963 min
Delta R.T.: -0.015 min
Response: 1590622
Conc: 11.80 ug/ml

Instrument :
FID_D
ClientSampleId :



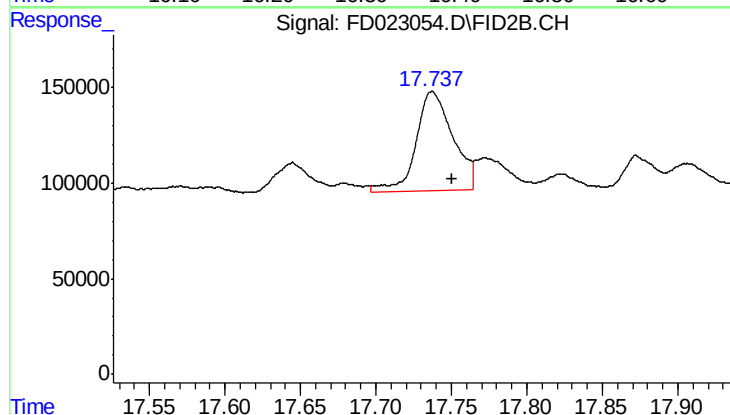
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.001 min
Delta R.T.: -0.012 min
Response: 739277
Conc: 4.48 ug/ml



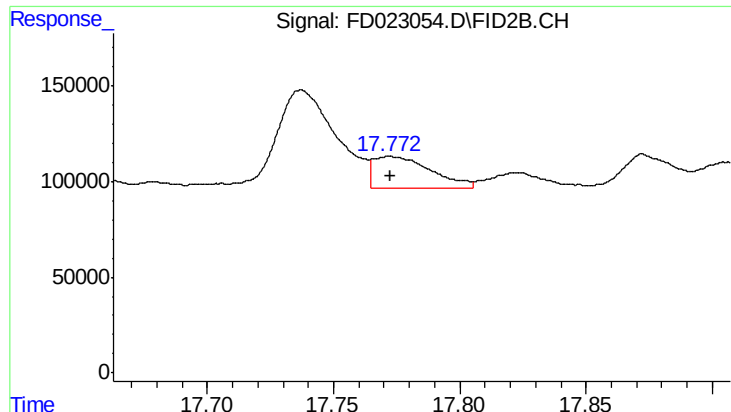
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.351 min
Delta R.T.: -0.029 min
Response: 999679
Conc: 6.93 ug/ml



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

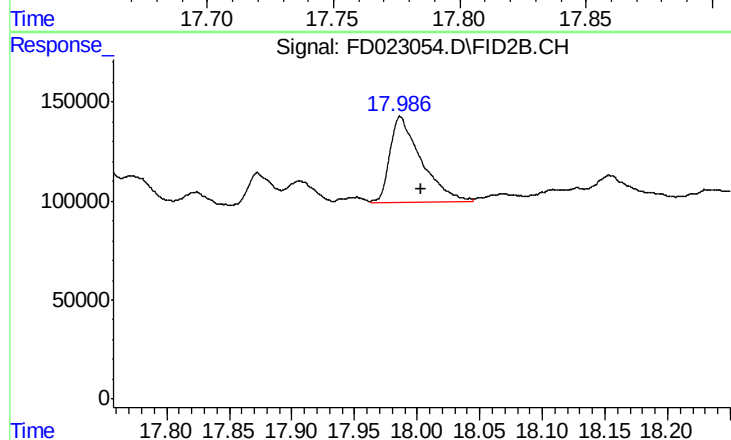
R.T.: 17.737 min
Delta R.T.: -0.013 min
Response: 886344
Conc: 6.83 ug/ml



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

R.T.: 17.772 min
Delta R.T.: 0.000 min
Response: 264505
Conc: 1.59 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.987 min
Delta R.T.: -0.017 min
Response: 761995
Conc: 5.14 ug/ml