

Data Path : P:\HPCHEM1\FID D\Data\FD051118AR\
 Data File : FD023619.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2018 11:39
 Operator : UA/AJ
 Sample : J2818-01DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 18:01:50 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Mon May 14 17:37:14 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...	7.249	1248548	9.206 ug/ml
Spiked Amount 50.000		Recovery =	18.41%
6) S 2-Fluorobiphenyl (SURR)	8.113	703514	9.871 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.74%
11) S ortho-Terphenyl (SURR)	11.114	855596	6.120 ug/ml
Spiked Amount 50.000		Recovery =	12.24%
Target Compounds			
2) T Naphthalene (C11.7)	5.638	53373	0.390 ug/ml
7) T Acenaphthene (C15.5)	8.196	372820	2.207 ug/ml
8) T Fluorene (C16.55)	8.991	195812	1.367 ug/ml
9) T Phenanthrene (C19.36)	10.361	2562175	19.304 ug/ml
10) T Anthracene (C19.43)	10.451	716415	5.120 ug/ml
12) T Fluoranthene (C21.85)	12.168	4871641	35.467 ug/ml
13) T Pyrene (C20.8)	12.460	4085147	28.940 ug/ml
14) T Benzo[a]anthracene (C...	14.340	2307835	18.577 ug/ml
15) T Chrysene (C27.41)	14.381	2956816	19.098 ug/ml
16) T benzo[b]fluoranthene ...	15.903	2452466	18.193 ug/ml
17) T Benzo[k]fluoranthene ...	15.939	1043089	6.321 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.289	1270571	8.814 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.689	975581	7.518 ug/ml
20) T Dibenz[a,h]anthracene...	17.689	975581	5.865 ug/ml
21) T Benzo[ghi]perylene ...	17.938	547791	3.696 ug/ml

(f)=RT Delta > 1/2 Window

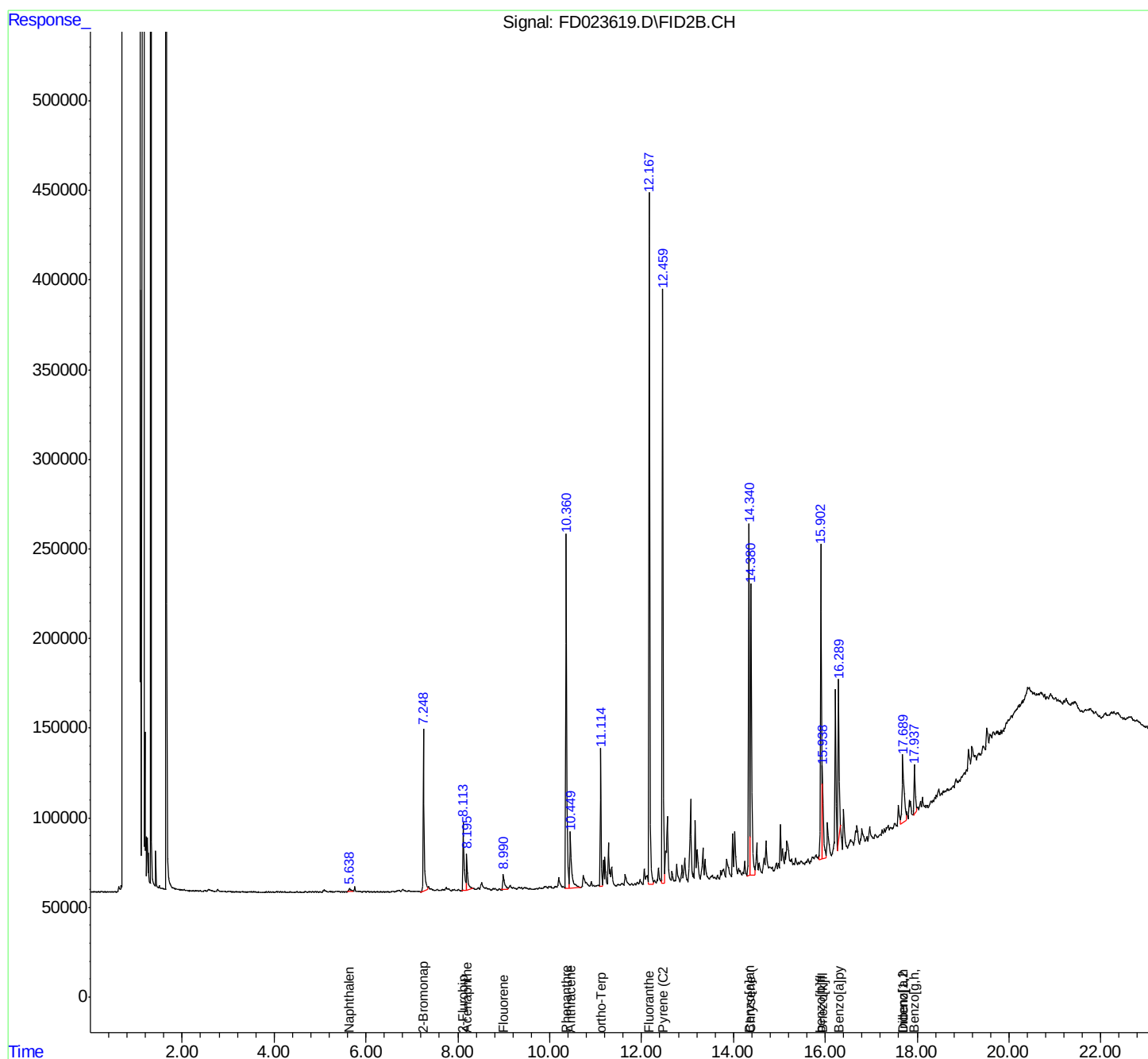
(m)=manual int.

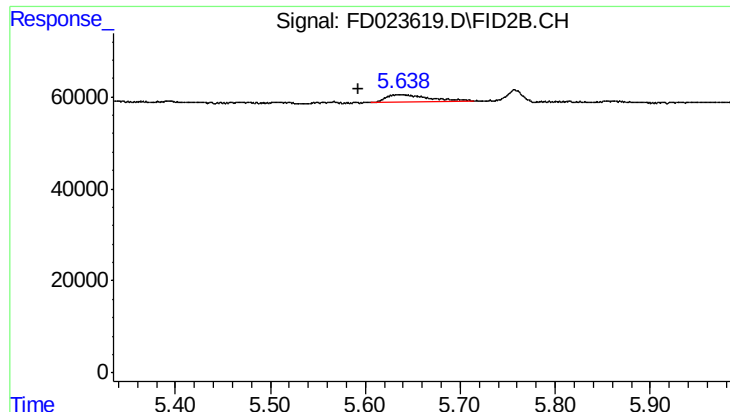
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ClientSampled :

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Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
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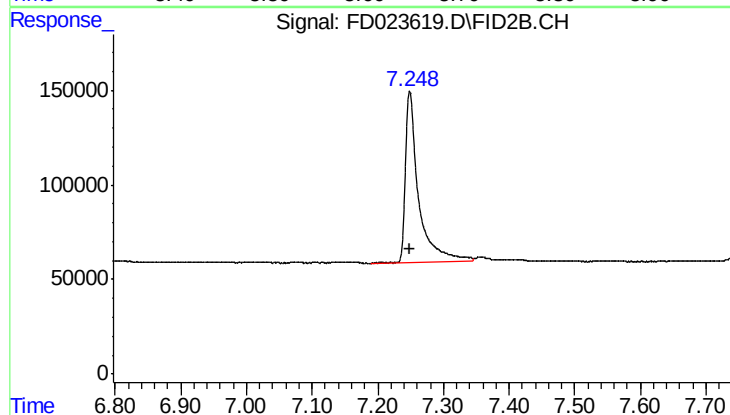




#2 Naphthalene (C11.7)

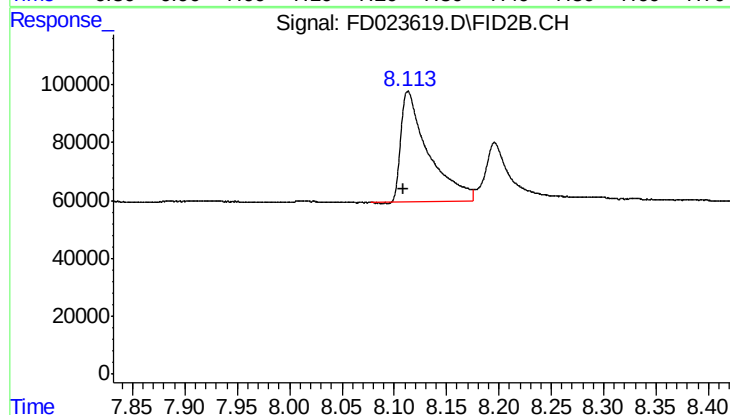
R.T.: 5.638 min
Delta R.T.: 0.046 min
Response: 53373
Conc: 0.39 ug/ml

Instrument :
FID_D
ClientSampleId :



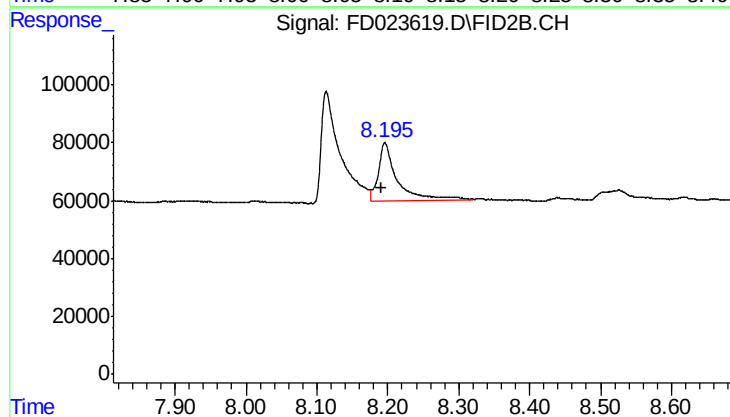
#4 2-Bromonaphthalene (SURR)

R.T.: 7.249 min
Delta R.T.: 0.000 min
Response: 1248548
Conc: 9.21 ug/ml



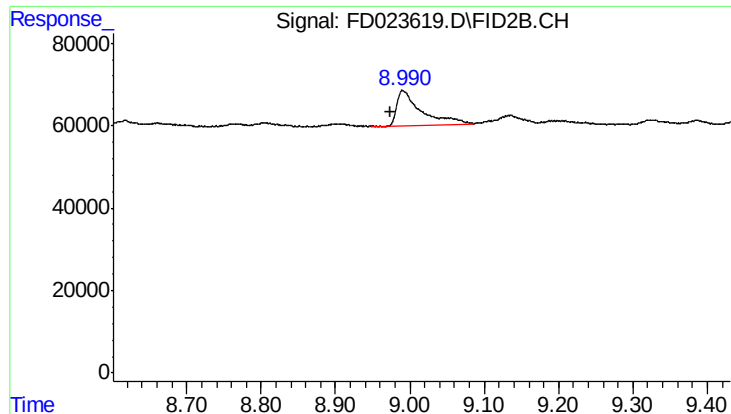
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.113 min
Delta R.T.: 0.004 min
Response: 703514
Conc: 9.87 ug/ml



#7 Acenaphthene (C15.5)

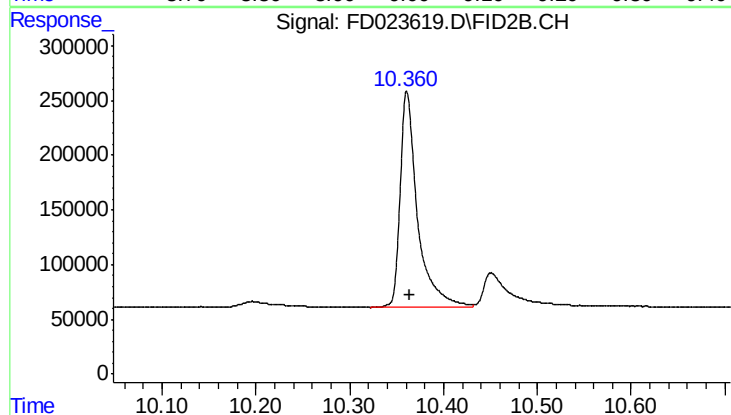
R.T.: 8.196 min
Delta R.T.: 0.005 min
Response: 372820
Conc: 2.21 ug/ml



#8 Fluorene (C16.55)

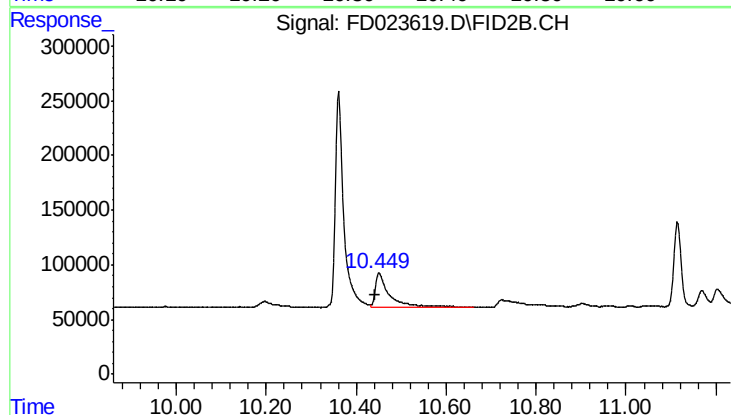
R.T.: 8.991 min
Delta R.T.: 0.016 min
Response: 195812
Conc: 1.37 ug/ml

Instrument :
FID_D
ClientSampleId :



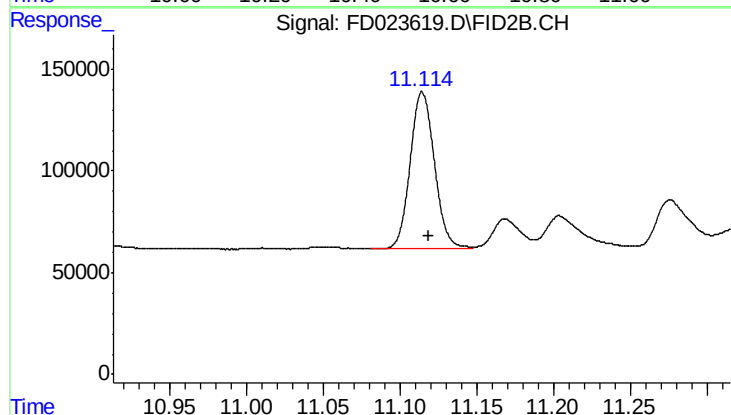
#9 Phenanthrene (C19.36)

R.T.: 10.361 min
Delta R.T.: -0.003 min
Response: 2562175
Conc: 19.30 ug/ml



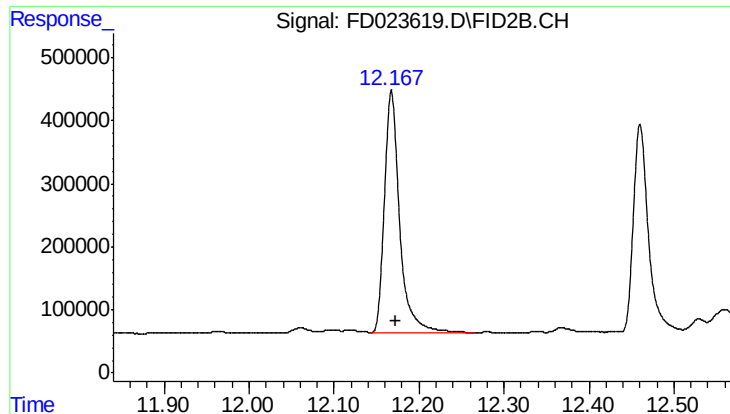
#10 Anthracene (C19.43)

R.T.: 10.451 min
Delta R.T.: 0.008 min
Response: 716415
Conc: 5.12 ug/ml



#11 ortho-Terphenyl (SURR)

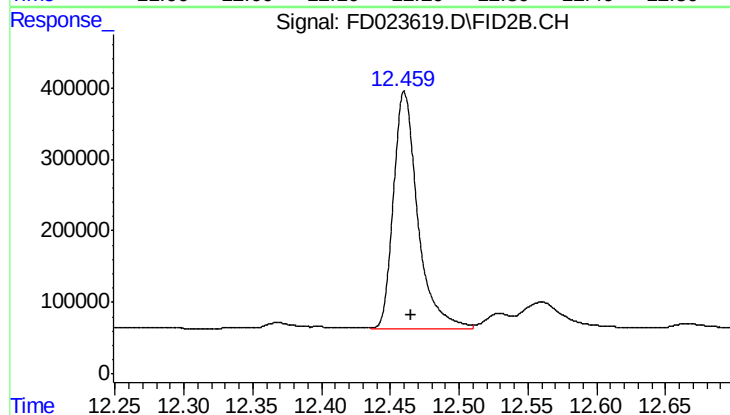
R.T.: 11.114 min
Delta R.T.: -0.004 min
Response: 855596
Conc: 6.12 ug/ml



#12 Fluoranthene (C21.85)

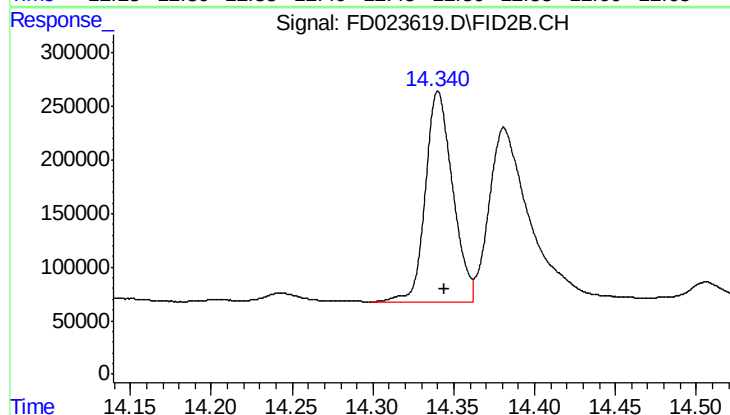
R.T.: 12.168 min
Delta R.T.: -0.004 min
Response: 4871641
Conc: 35.47 ug/ml

Instrument :
FID_D
ClientSampleId :



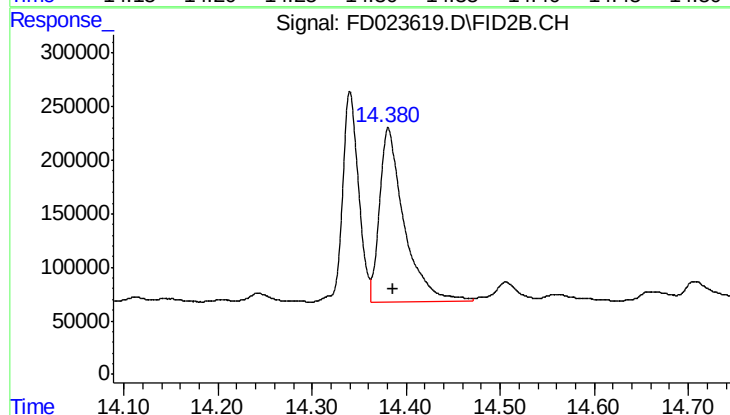
#13 Pyrene (C20.8)

R.T.: 12.460 min
Delta R.T.: -0.004 min
Response: 4085147
Conc: 28.94 ug/ml



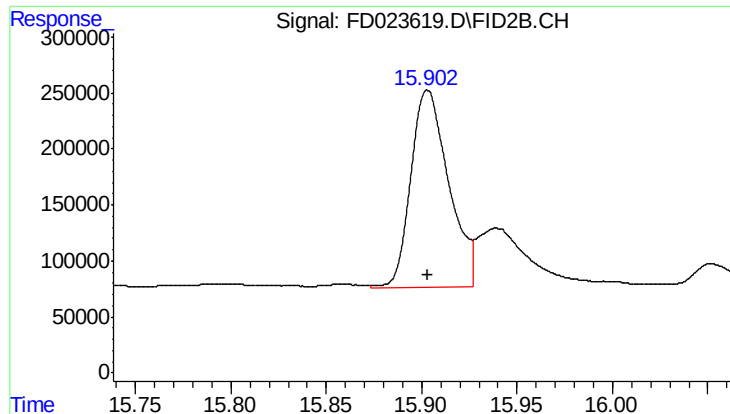
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.340 min
Delta R.T.: -0.004 min
Response: 2307835
Conc: 18.58 ug/ml



#15 Chrysene (C27.41)

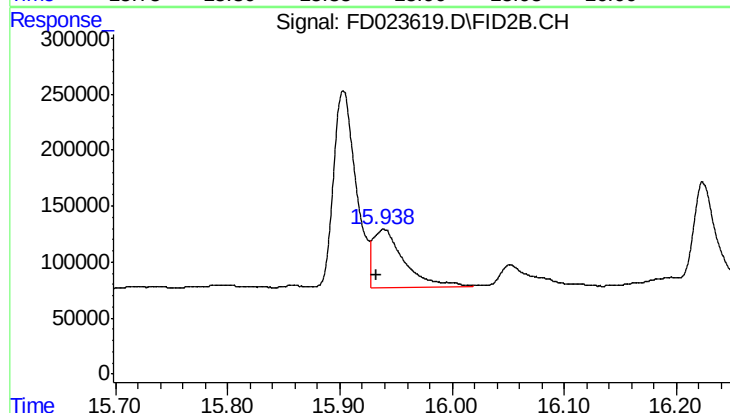
R.T.: 14.381 min
Delta R.T.: -0.005 min
Response: 2956816
Conc: 19.10 ug/ml



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

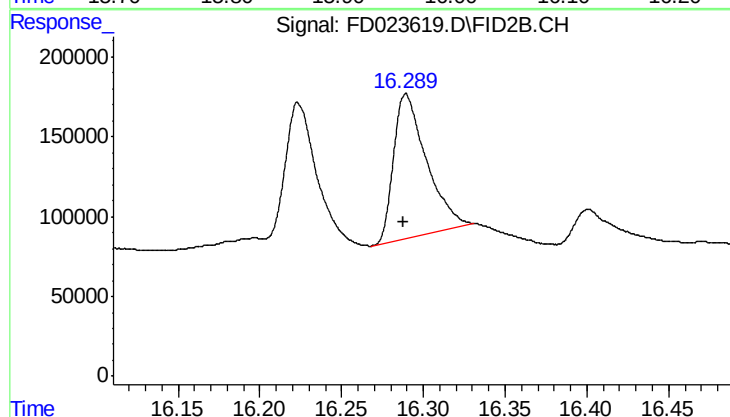
R.T.: 15.903 min
Delta R.T.: 0.000 min
Response: 2452466
Conc: 18.19 ug/ml

Instrument :
FID_D
ClientSampleId :



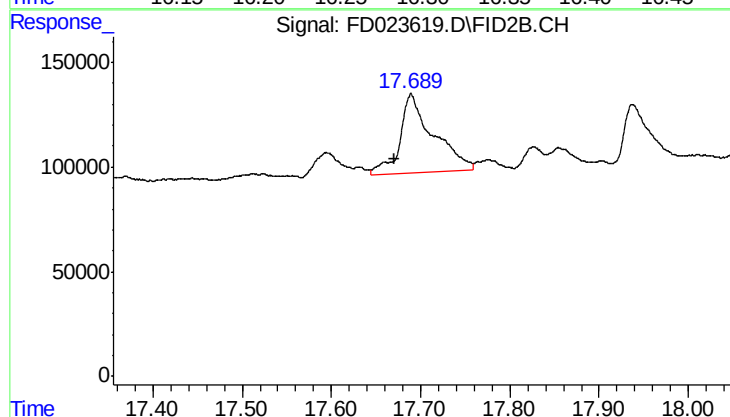
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.939 min
Delta R.T.: 0.006 min
Response: 1043089
Conc: 6.32 ug/ml



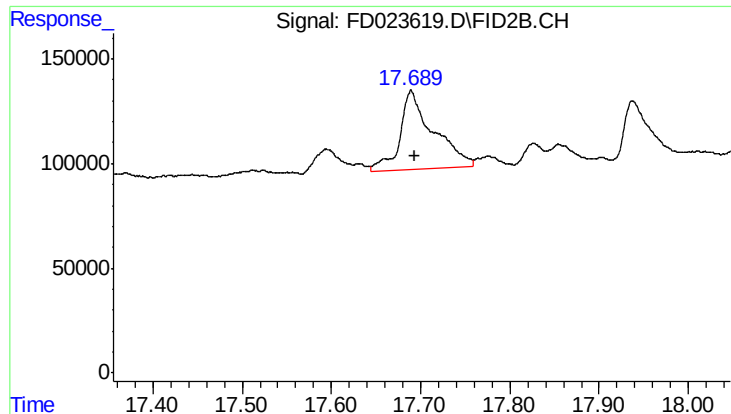
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.289 min
Delta R.T.: 0.002 min
Response: 1270571
Conc: 8.81 ug/ml



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

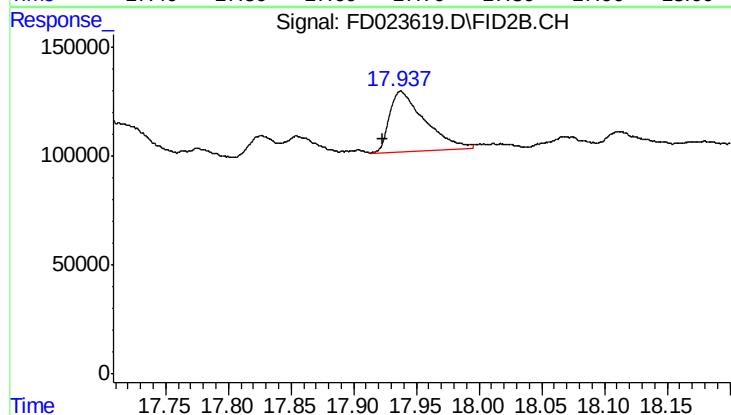
R.T.: 17.689 min
Delta R.T.: 0.018 min
Response: 975581
Conc: 7.52 ug/ml



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

R.T.: 17.689 min
Delta R.T.: -0.004 min
Response: 975581
Conc: 5.86 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.938 min
Delta R.T.: 0.015 min
Response: 547791
Conc: 3.70 ug/ml