

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\
 Data File : FD022328.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2018 13:24
 Operator : UA/AJ
 Sample : J1724-15
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 06 01:36:04 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...	7.336	4495708	53.663 ug/ml
Spiked Amount 50.000		Recovery =	107.33%
6) S 2-Fluorobiphenyl (SURR)	8.193	3101598	61.348 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.70%
11) S ortho-Terphenyl (SURR)	11.220	2723257	28.696 ug/ml
Spiked Amount 50.000		Recovery =	57.39%
Target Compounds			
2) T Naphthalene (C11.7)	5.692	64025	0.716 ug/ml
5) T Acenaphthylene (C15.06)	8.006	45247	0.472 ug/ml
7) T Acenaphthene (C15.5)	8.291	100670	0.983 ug/ml
8) T Fluorene (C16.55)	9.084	42567	0.454 ug/ml
9) T Phenanthrene (C19.36)	10.462	745434	8.001 ug/ml
10) T Anthracene (C19.43)	10.549	176559	1.862 ug/ml
12) T Fluoranthene (C21.85)	12.269	1336757	13.327 ug/ml
13) T Pyrene (C20.8)	12.564	1282407	12.623 ug/ml
14) T Benzo[a]anthracene (C...	14.444	648651	6.727 ug/ml
15) T Chrysene (C27.41)	14.484	773079	7.163 ug/ml
16) T benzo[b]fluoranthene ...	16.002	833869	8.295 ug/ml
17) T Benzo[k]fluoranthene ...	16.034	302575	2.666 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.385	656236	6.244 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.770	535556	5.621 ug/ml
20) T Dibenz[a,h]anthracene...	17.770	535556	4.713 ug/ml
21) T Benzo[a,h,i]perylene ...	18.020	330164	3.179 ug/ml

(f)=RT Delta > 1/2 Window

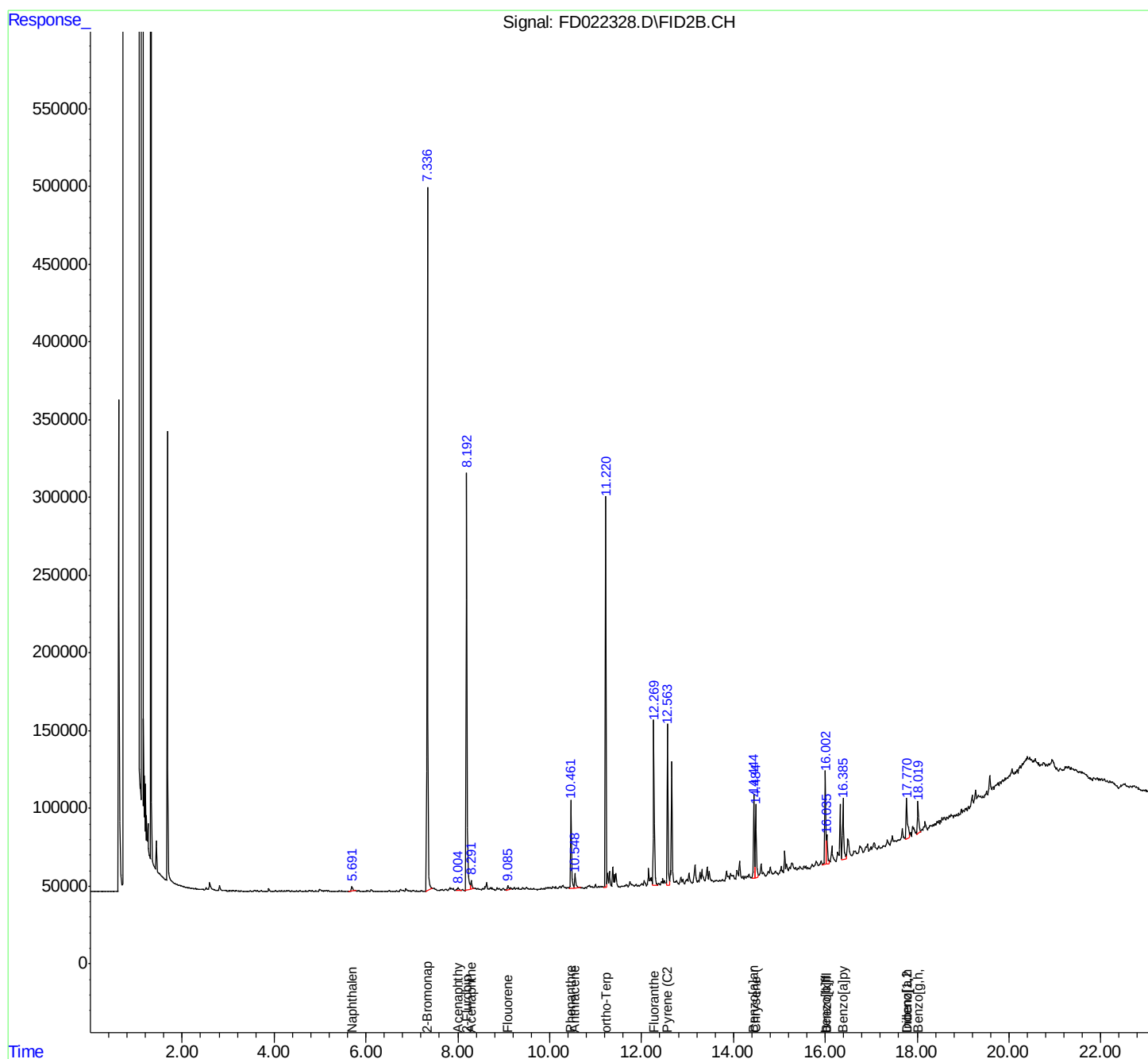
(m)=manual int.

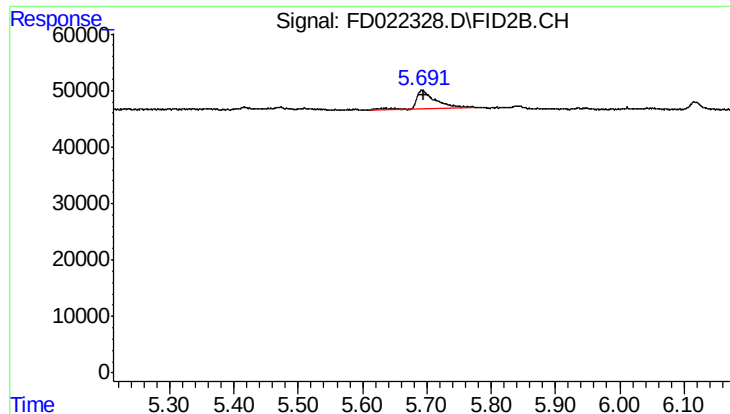
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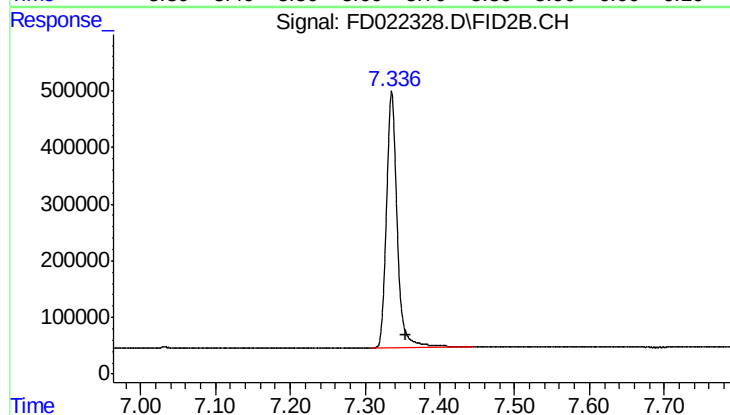




#2 Naphthalene (C11.7)

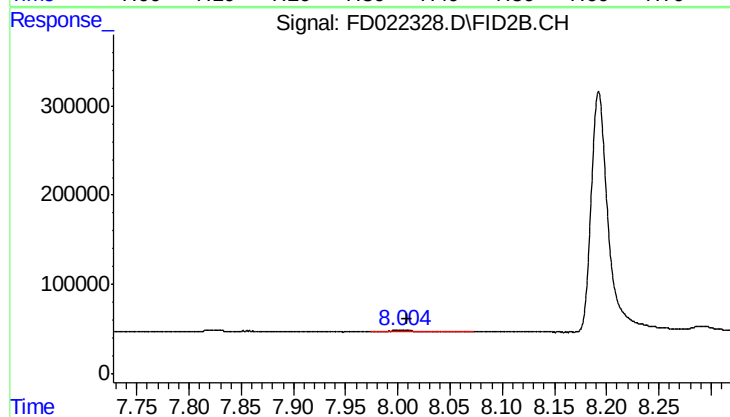
R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 64025
Conc: 0.72 ug/ml

Instrument :
FID_D
ClientSampleId :



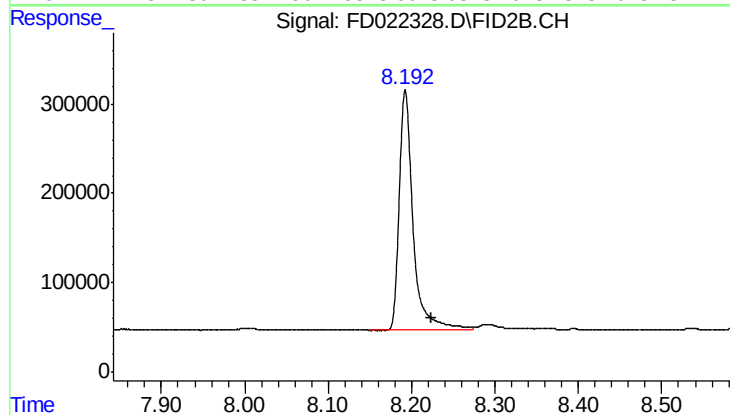
#4 2-Bromonaphthalene (SURR)

R.T.: 7.336 min
Delta R.T.: -0.020 min
Response: 4495708
Conc: 53.66 ug/ml



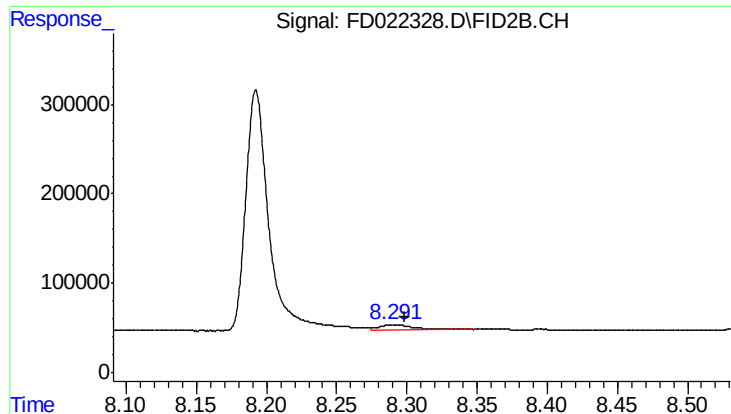
#5 Acenaphthylene (C15.06)

R.T.: 8.006 min
Delta R.T.: -0.003 min
Response: 45247
Conc: 0.47 ug/ml



#6 2-Fluorobiphenyl (SURR)

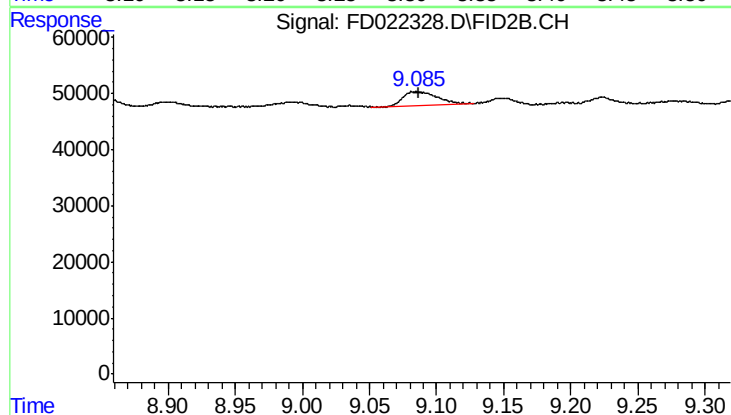
R.T.: 8.193 min
Delta R.T.: -0.032 min
Response: 3101598
Conc: 61.35 ug/ml



#7 Acenaphthene (C15.5)

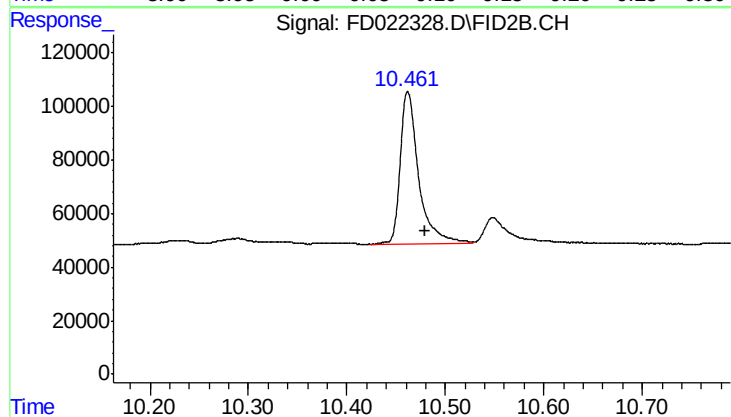
R.T.: 8.291 min
Delta R.T.: -0.007 min
Response: 100670
Conc: 0.98 ug/ml

Instrument :
FID_D
ClientSampleId :



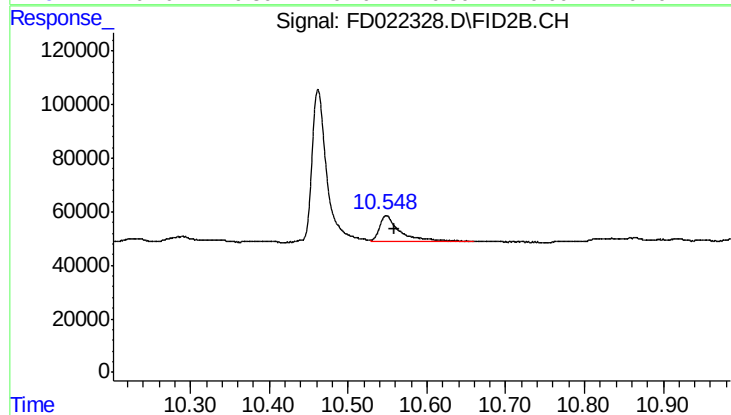
#8 Flouorene (C16.55)

R.T.: 9.084 min
Delta R.T.: -0.002 min
Response: 42567
Conc: 0.45 ug/ml



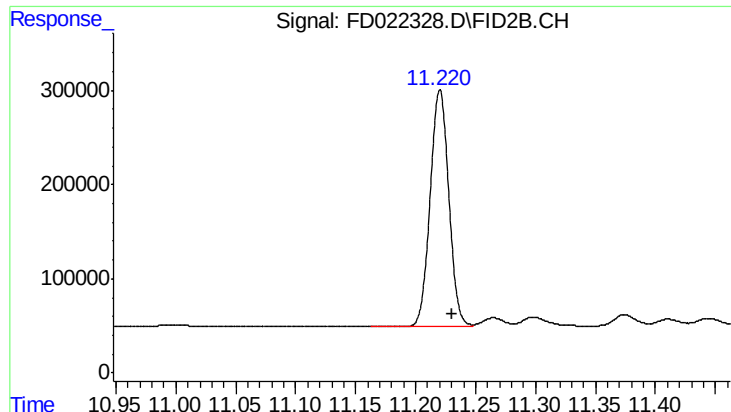
#9 Phenanthrene (C19.36)

R.T.: 10.462 min
Delta R.T.: -0.018 min
Response: 745434
Conc: 8.00 ug/ml



#10 Anthracene (C19.43)

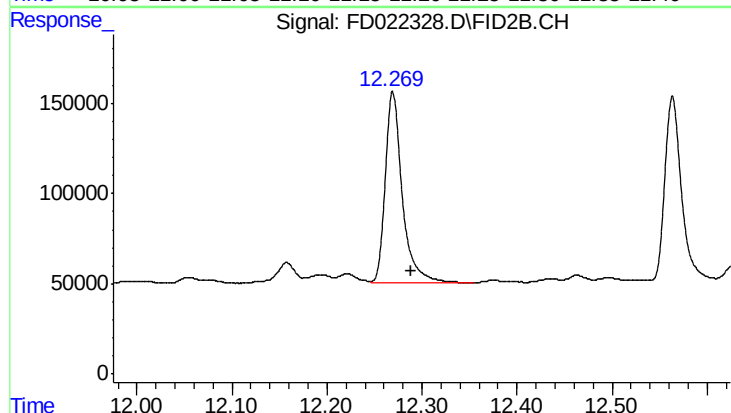
R.T.: 10.549 min
Delta R.T.: -0.010 min
Response: 176559
Conc: 1.86 ug/ml



#11 ortho-Terphenyl (SURR)

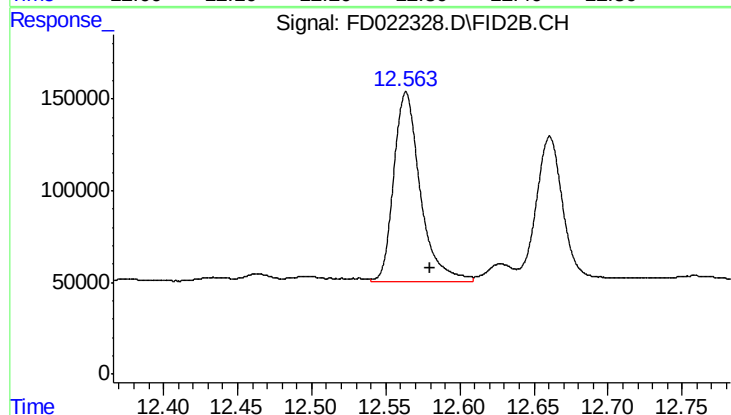
R.T.: 11.220 min
Delta R.T.: -0.010 min
Response: 2723257
Conc: 28.70 ug/ml

Instrument :
FID_D
ClientSampleId :



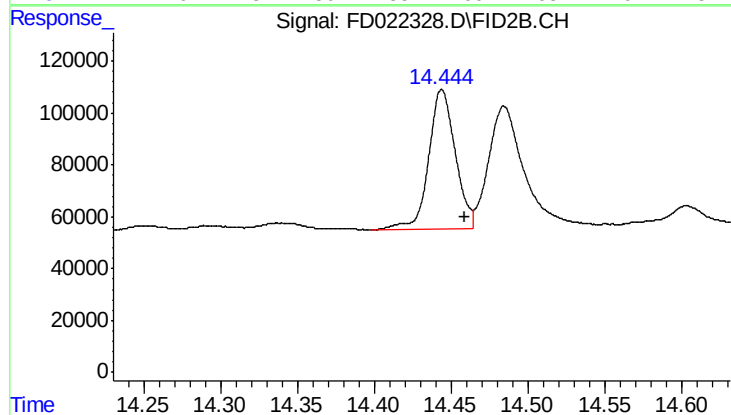
#12 Fluoranthene (C21.85)

R.T.: 12.269 min
Delta R.T.: -0.019 min
Response: 1336757
Conc: 13.33 ug/ml



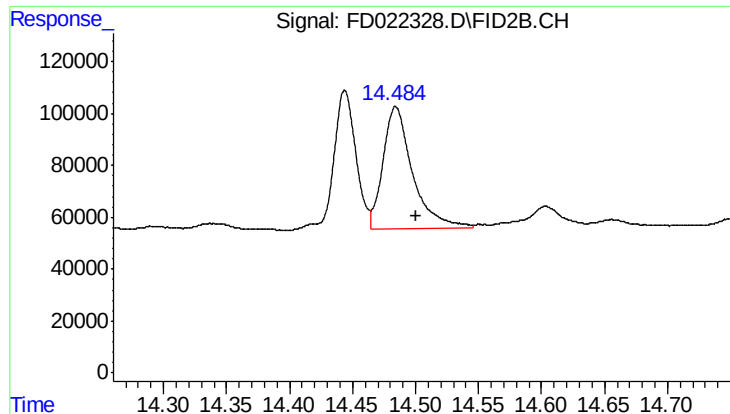
#13 Pyrene (C20.8)

R.T.: 12.564 min
Delta R.T.: -0.016 min
Response: 1282407
Conc: 12.62 ug/ml



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

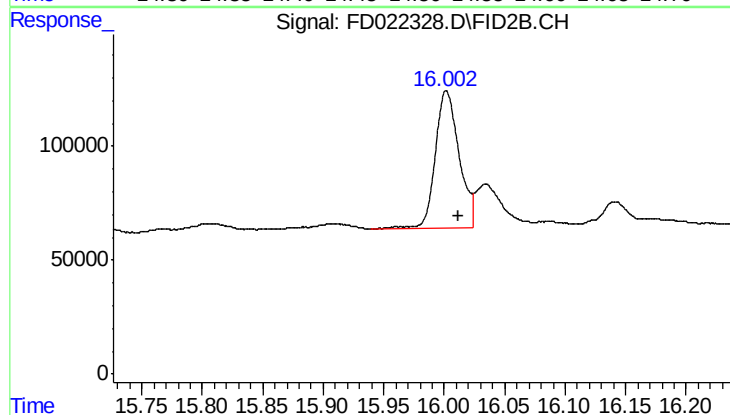
R.T.: 14.444 min
Delta R.T.: -0.015 min
Response: 648651
Conc: 6.73 ug/ml



#15 Chrysene (C27.41)

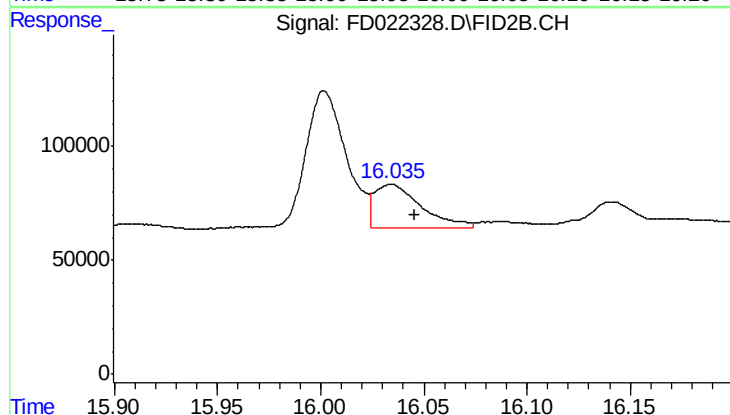
R.T.: 14.484 min
Delta R.T.: -0.016 min
Response: 773079
Conc: 7.16 ug/ml

Instrument :
FID_D
ClientSampleId :



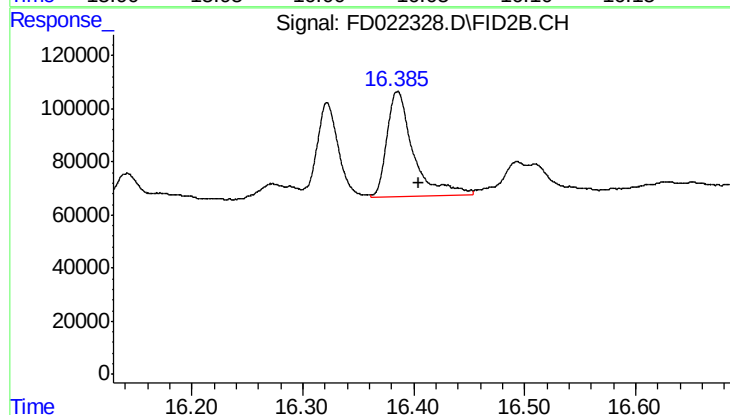
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.002 min
Delta R.T.: -0.010 min
Response: 833869
Conc: 8.29 ug/ml



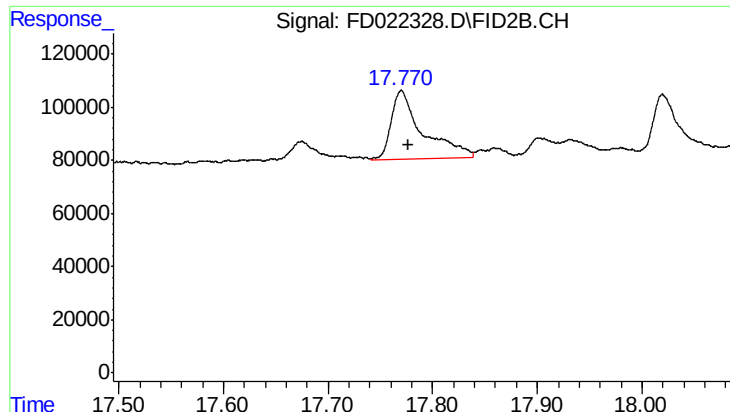
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.034 min
Delta R.T.: -0.011 min
Response: 302575
Conc: 2.67 ug/ml



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

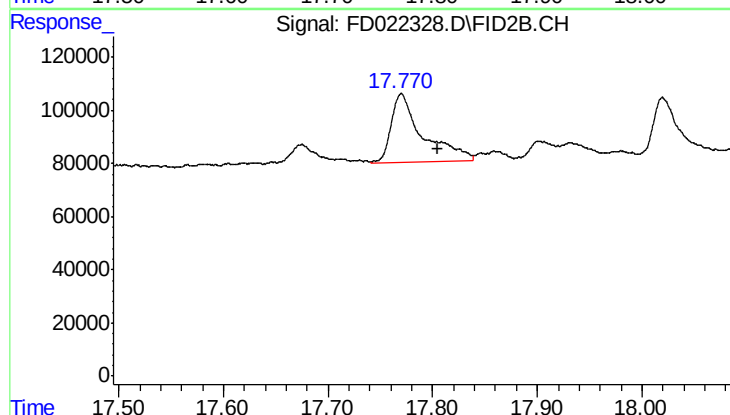
R.T.: 16.385 min
Delta R.T.: -0.019 min
Response: 656236
Conc: 6.24 ug/ml



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

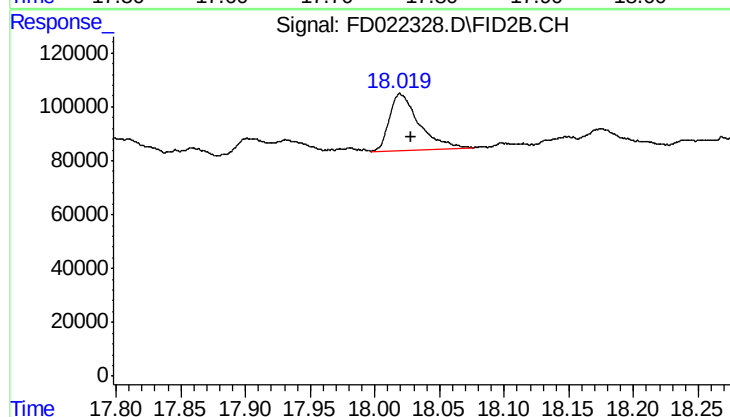
R.T.: 17.770 min
Delta R.T.: -0.007 min
Response: 535556
Conc: 5.62 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.770 min
Delta R.T.: -0.034 min
Response: 535556
Conc: 4.71 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.008 min
Response: 330164
Conc: 3.18 ug/ml