

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\
 Data File : FD022340.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2018 20:53
 Operator : UA/AJ
 Sample : J1722-05
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 06 01:40:19 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	4513298	53.873 ug/ml
Spiked Amount 50.000		Recovery =	107.75%
6) S 2-Fluorobiphenyl (SURR)	8.193	3062109	60.567 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	121.13%
11) S ortho-Terphenyl (SURR)	11.222	3956227	41.688 ug/ml
Spiked Amount 50.000		Recovery =	83.38%
Target Compounds			
2) T Naphthalene (C11.7)	5.692	75732	0.847 ug/ml
5) T Acenaphthylene (C15.06)	8.005	44495	0.465 ug/ml
7) T Acenaphthene (C15.5)	8.289	152869	1.492 ug/ml
8) T Fluorene (C16.55)	9.080	67822	0.723 ug/ml
9) T Phenanthrene (C19.36)	10.460	903342	9.695 ug/ml
10) T Anthracene (C19.43)	10.540	430293	4.538 ug/ml
12) T Fluoranthene (C21.85)	12.268	2009294	20.032 ug/ml
13) T Pyrene (C20.8)	12.563	1847753	18.187 ug/ml
14) T Benzo[a]anthracene (C...	14.441	1021212	10.590 ug/ml
15) T Chrysene (C27.41)	14.481	1325823	12.284 ug/ml
16) T benzo[b]fluoranthene ...	16.000	1071436	10.658 ug/ml
17) T Benzo[k]fluoranthene ...	16.032	422523	3.723 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	819878	7.802 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.767	600935	6.307 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	600935	5.288 ug/ml
21) T Benzo[a,h,i]pervylene ...	18.018	354162	3.410 ug/ml

(f)=RT Delta > 1/2 Window

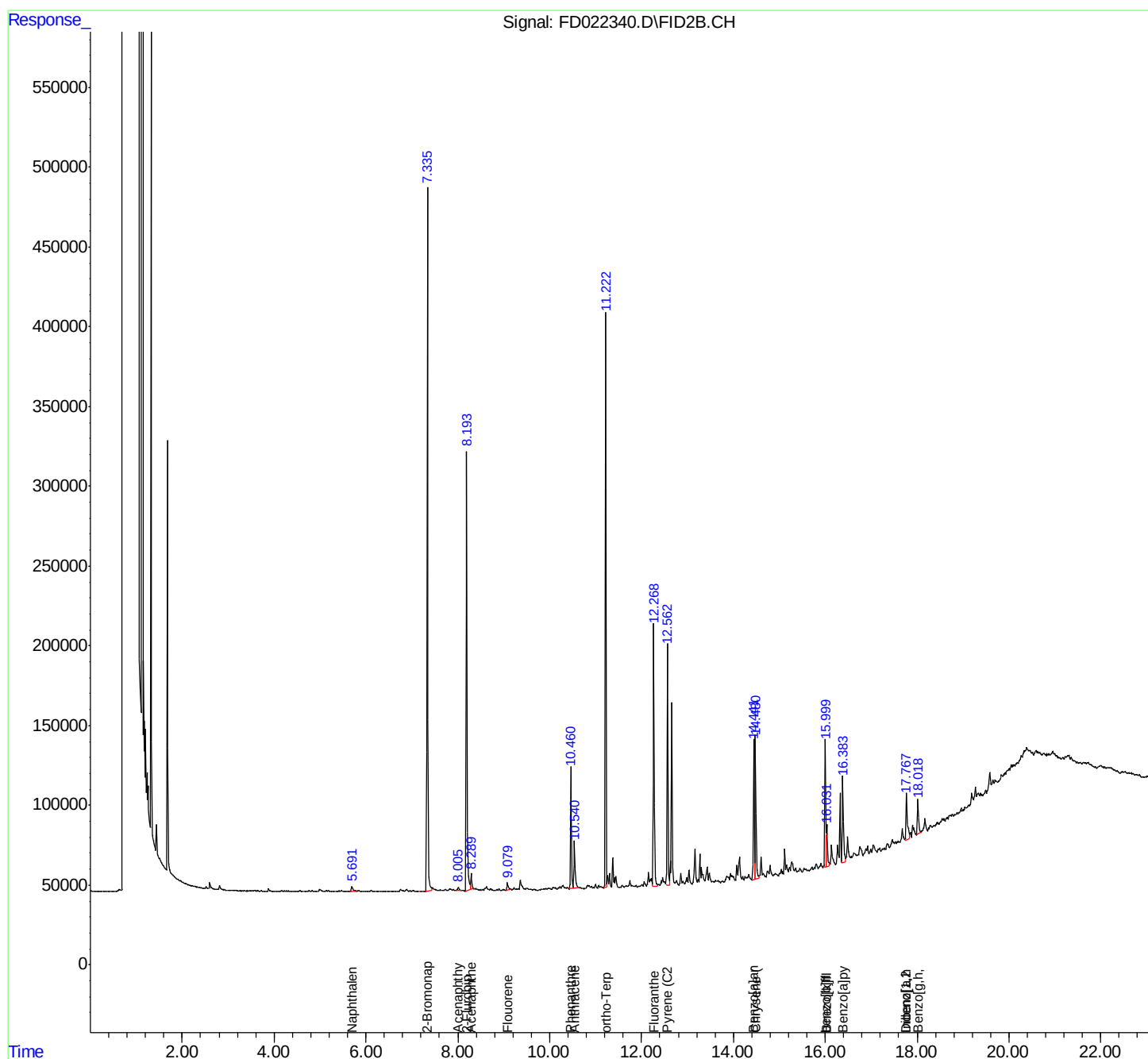
(m)=manual int.

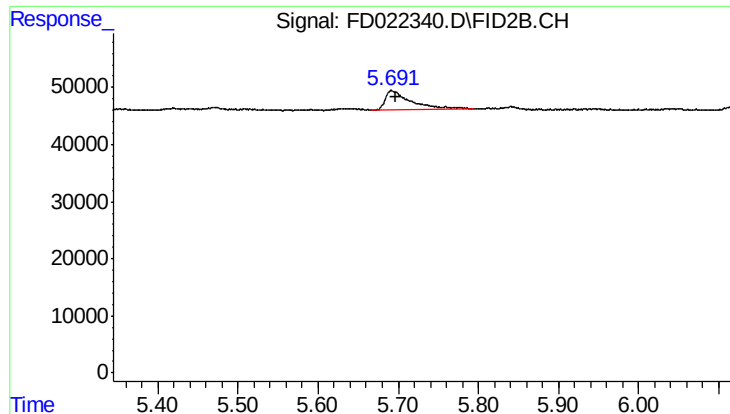
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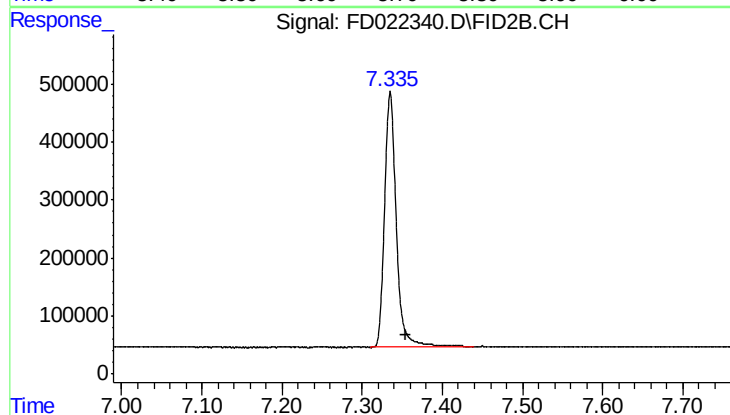




#2 Naphthalene (C11.7)

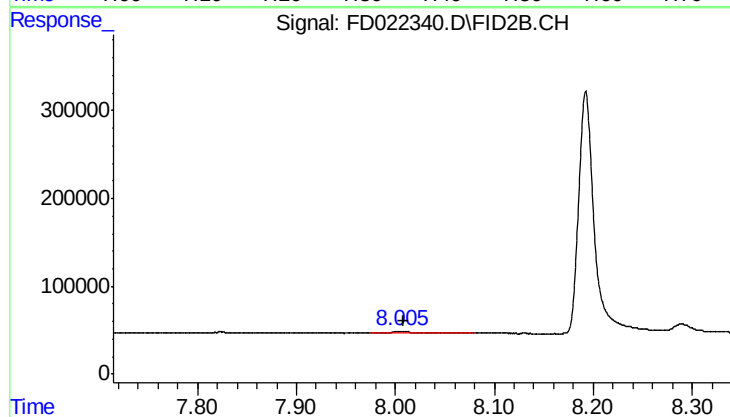
R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 75732
Conc: 0.85 ug/ml

Instrument :
FID_D
ClientSampleId :



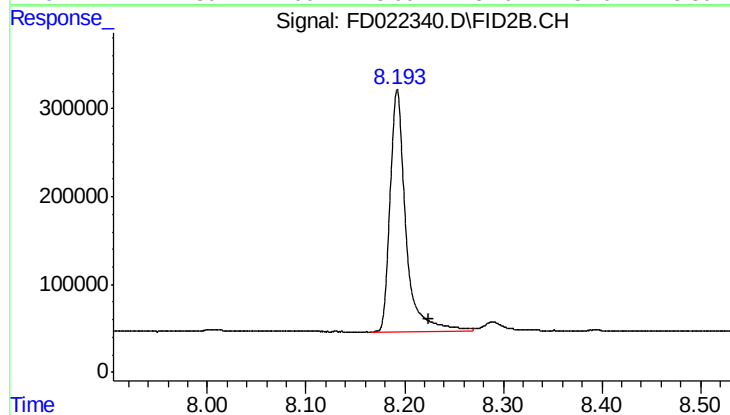
#4 2-Bromonaphthalene (SURR)

R.T.: 7.335 min
Delta R.T.: -0.020 min
Response: 4513298
Conc: 53.87 ug/ml



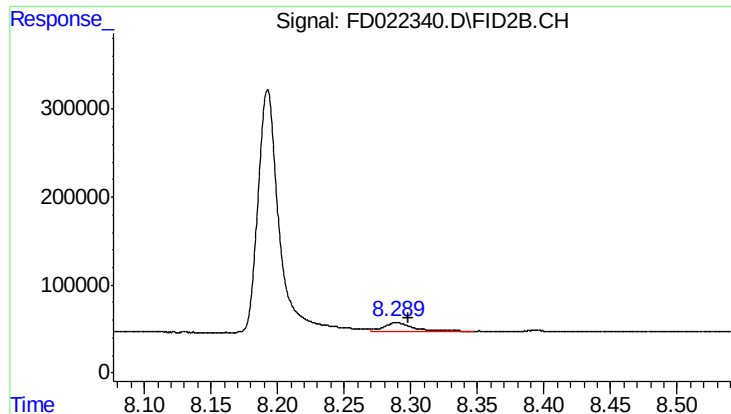
#5 Acenaphthylene (C15.06)

R.T.: 8.005 min
Delta R.T.: -0.003 min
Response: 44495
Conc: 0.46 ug/ml



#6 2-Fluorobiphenyl (SURR)

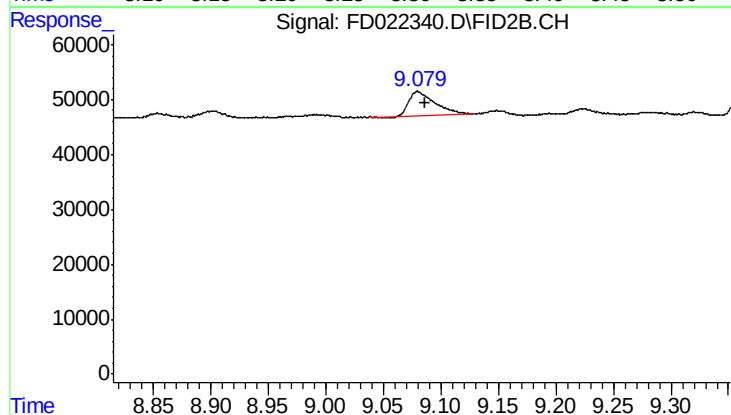
R.T.: 8.193 min
Delta R.T.: -0.032 min
Response: 3062109
Conc: 60.57 ug/ml



#7 Acenaphthene (C15.5)

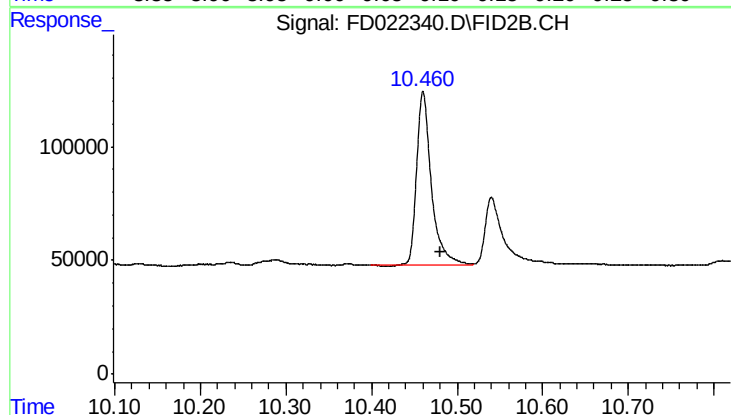
R.T.: 8.289 min
Delta R.T.: -0.010 min
Response: 152869
Conc: 1.49 ug/ml

Instrument :
FID_D
ClientSampleId :



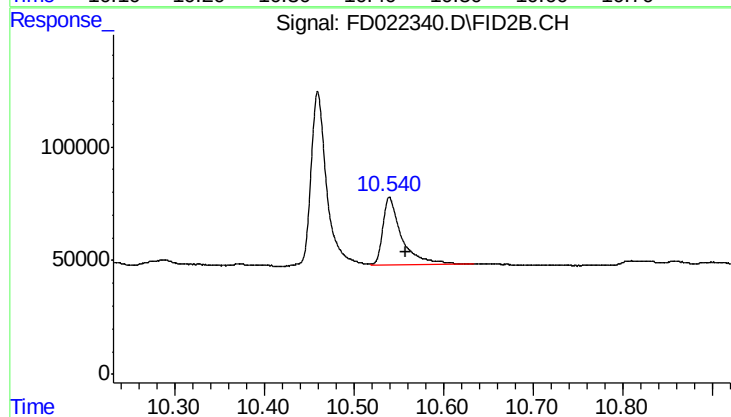
#8 Flouorene (C16.55)

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 67822
Conc: 0.72 ug/ml



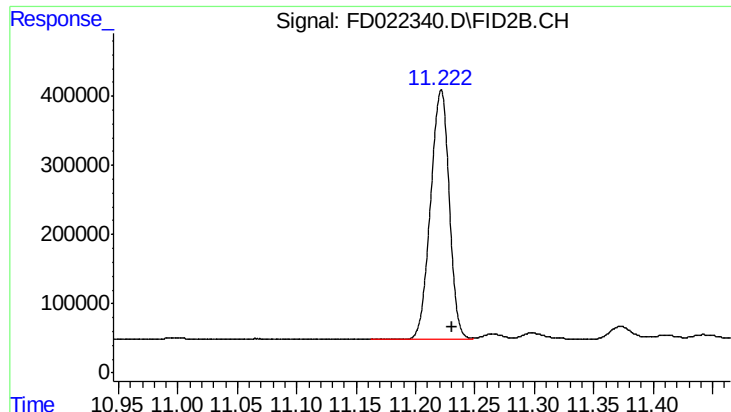
#9 Phenanthrene (C19.36)

R.T.: 10.460 min
Delta R.T.: -0.020 min
Response: 903342
Conc: 9.70 ug/ml



#10 Anthracene (C19.43)

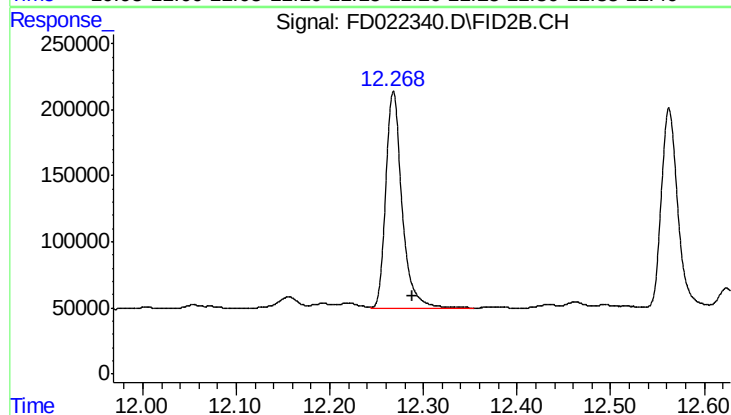
R.T.: 10.540 min
Delta R.T.: -0.019 min
Response: 430293
Conc: 4.54 ug/ml



#11 ortho-Terphenyl (SURR)

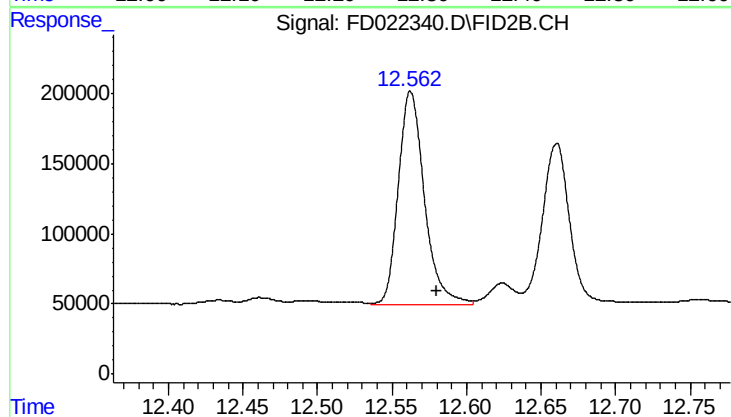
R.T.: 11.222 min
Delta R.T.: -0.009 min
Response: 3956227
Conc: 41.69 ug/ml

Instrument :
FID_D
ClientSampleId :



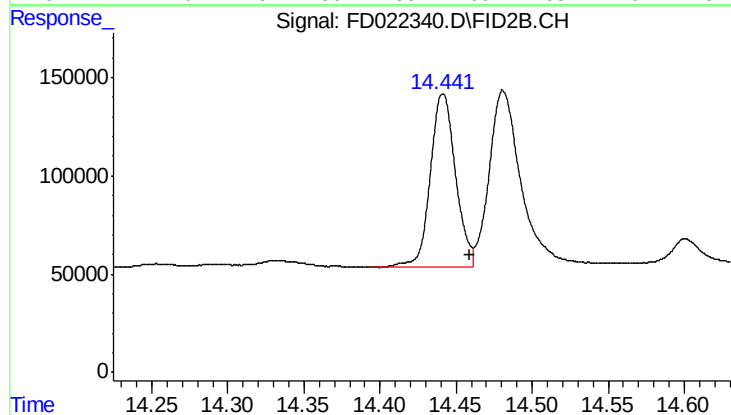
#12 Fluoranthene (C21.85)

R.T.: 12.268 min
Delta R.T.: -0.020 min
Response: 2009294
Conc: 20.03 ug/ml



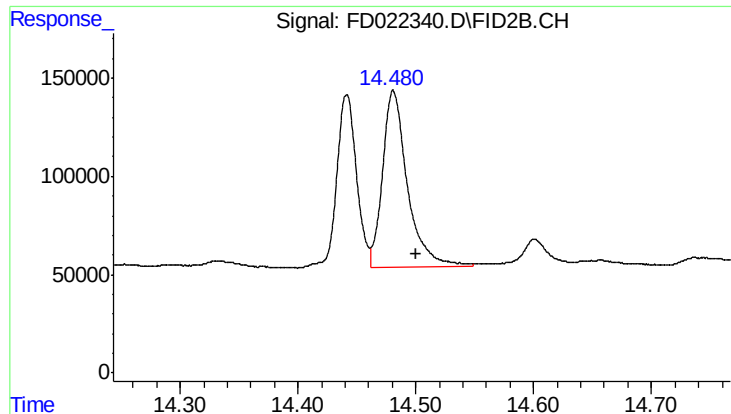
#13 Pyrene (C20.8)

R.T.: 12.563 min
Delta R.T.: -0.018 min
Response: 1847753
Conc: 18.19 ug/ml



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

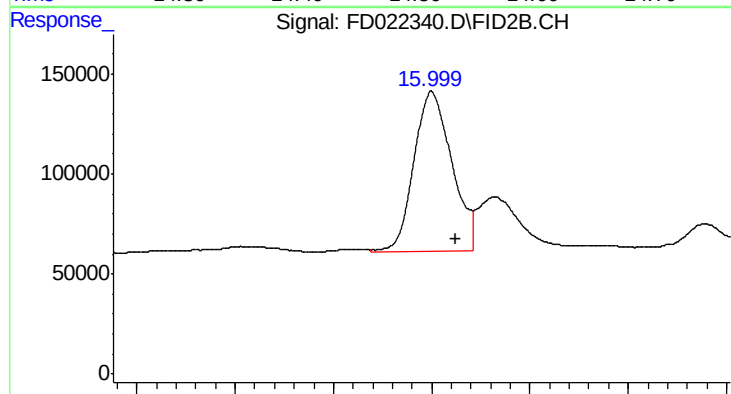
R.T.: 14.441 min
Delta R.T.: -0.018 min
Response: 1021212
Conc: 10.59 ug/ml



#15 Chrysene (C27.41)

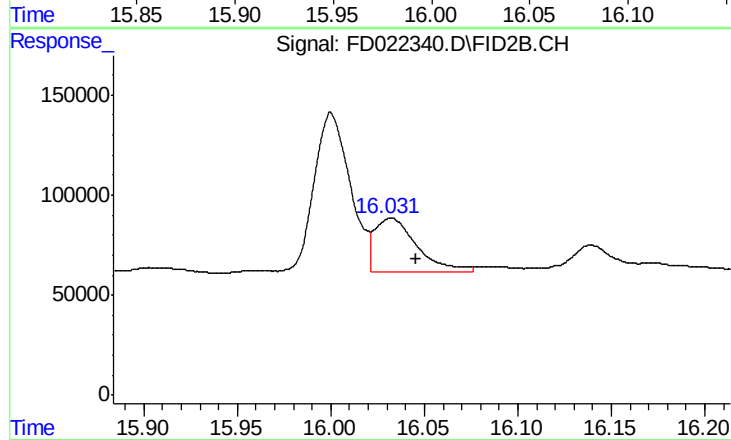
R.T.: 14.481 min
Delta R.T.: -0.019 min
Response: 1325823
Conc: 12.28 ug/ml

Instrument :
FID_D
ClientSampleId :



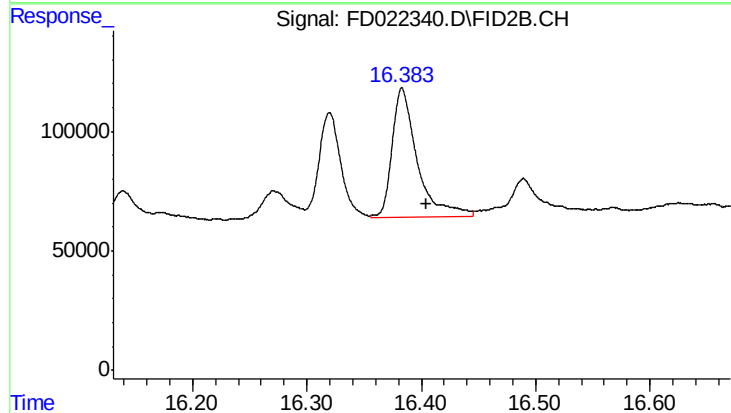
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.000 min
Delta R.T.: -0.012 min
Response: 1071436
Conc: 10.66 ug/ml



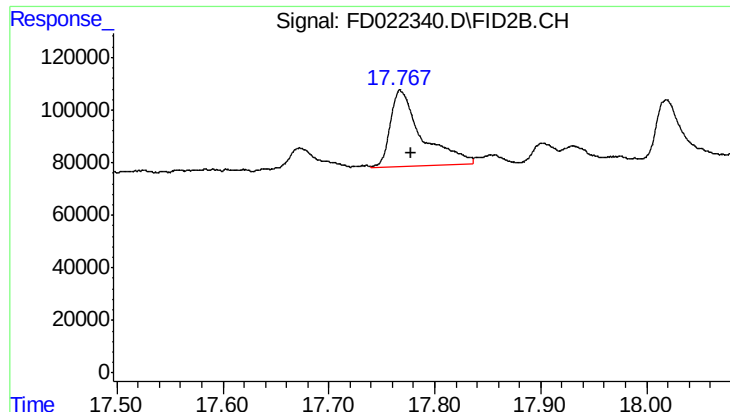
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.032 min
Delta R.T.: -0.013 min
Response: 422523
Conc: 3.72 ug/ml



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

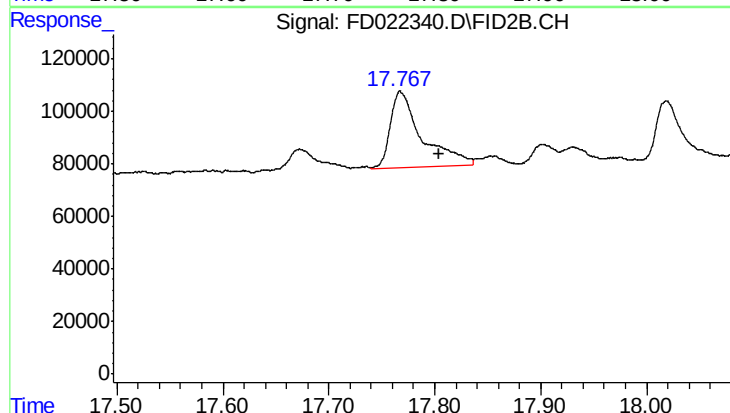
R.T.: 16.383 min
Delta R.T.: -0.021 min
Response: 819878
Conc: 7.80 ug/ml



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

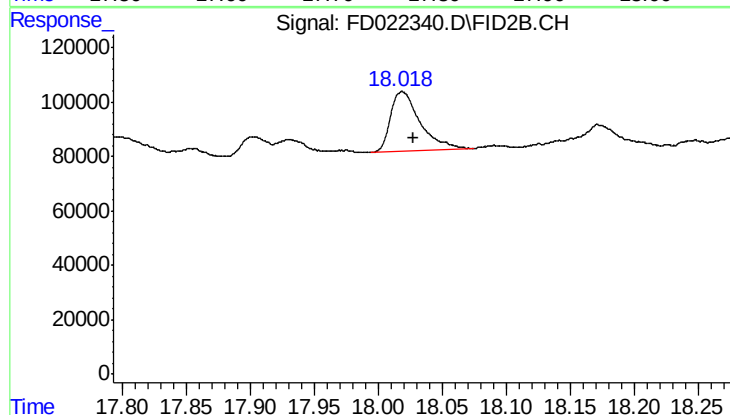
R.T.: 17.767 min
Delta R.T.: -0.010 min
Response: 600935
Conc: 6.31 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.767 min
Delta R.T.: -0.037 min
Response: 600935
Conc: 5.29 ug/ml



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

R.T.: 18.018 min
Delta R.T.: -0.009 min
Response: 354162
Conc: 3.41 ug/ml