

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\
 Data File : FD022388.D
 Signal(s) : FID2B.CH
 Acq On : 07 Mar 2018 4:06
 Operator : UA/AJ
 Sample : J1723-13RE
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 07 07:35:54 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...	7.334	7283746	86.942 ug/ml
Spiked Amount 50.000		Recovery =	173.88%
6) S 2-Fluorobiphenyl (SURR)	8.191	4951291	97.934 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	195.87%#
11) S ortho-Terphenyl (SURR)	11.218	1749698	18.437 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
Target Compounds			
2) T Naphthalene (C11.7)	5.692	60720	0.679 ug/ml
3) T 2-Methylnaphthalene (...)	6.743	46529	0.512 ug/ml
7) T Acenaphthene (C15.5)	8.288	170917	1.668 ug/ml
8) T Fluorene (C16.55)	9.078	73539	0.784 ug/ml
9) T Phenanthrene (C19.36)	10.459	1038772	11.149 ug/ml
10) T Anthracene (C19.43)	10.543	262672	2.770 ug/ml
12) T Fluoranthene (C21.85)	12.267	1550065	15.453 ug/ml
13) T Pyrene (C20.8)	12.562	1314545	12.939 ug/ml
14) T Benzo[a]anthracene (C...	14.442	729316	7.563 ug/ml
15) T Chrysene (C27.41)	14.482	871474	8.074 ug/ml
16) T benzo[b]fluoranthene ...	16.001	928978	9.241 ug/ml
17) T Benzo[k]fluoranthene ...	16.032	358665	3.161 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	733765	6.982 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.769	430217	4.516 ug/ml
20) T Dibenz[a,h]anthracene...	17.806	134553	1.184 ug/ml
21) T Benzo[a,h,i]perylene ...	18.021	317693	3.059 ug/ml

(f)=RT Delta > 1/2 Window

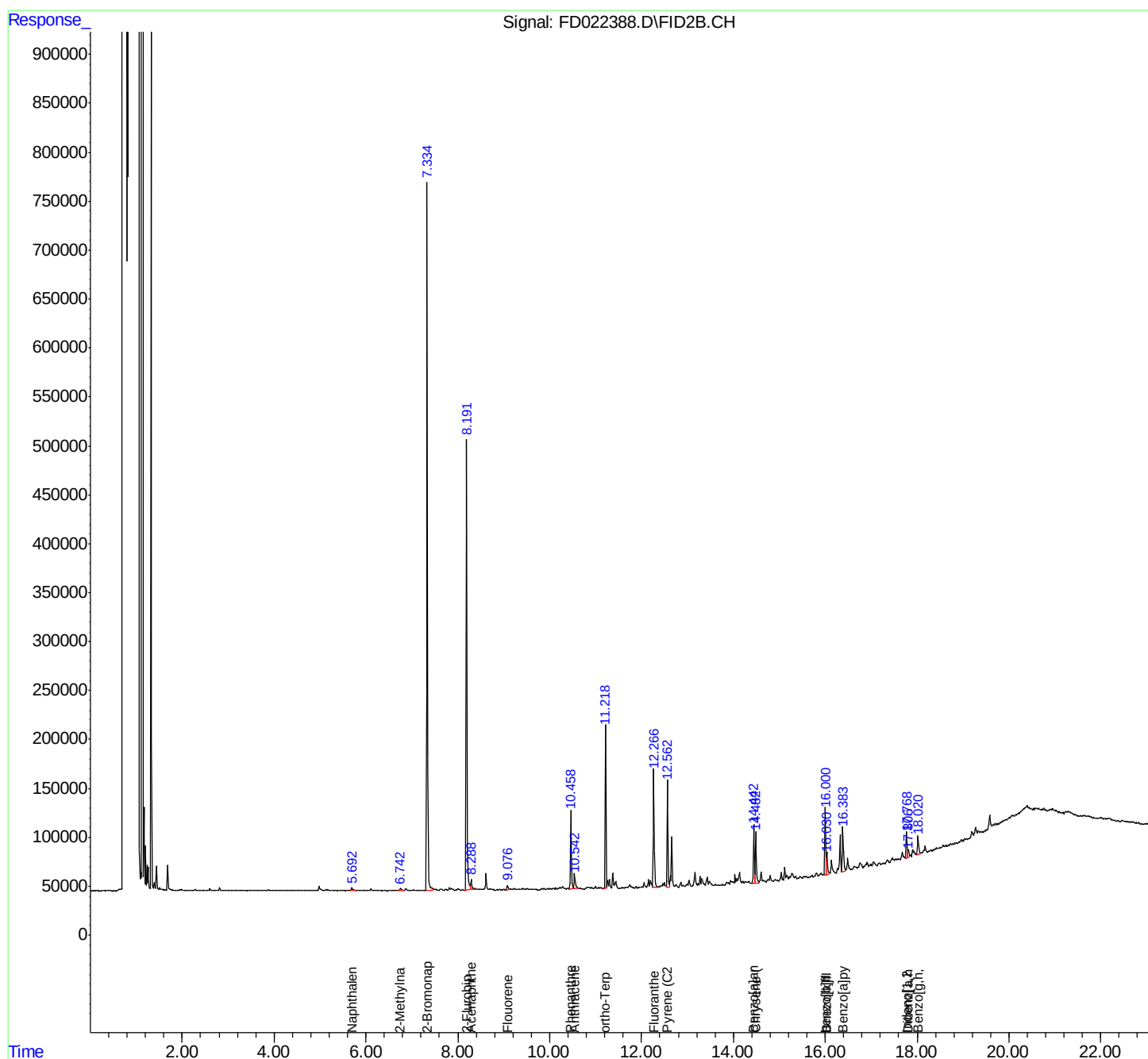
(m)=manual int.

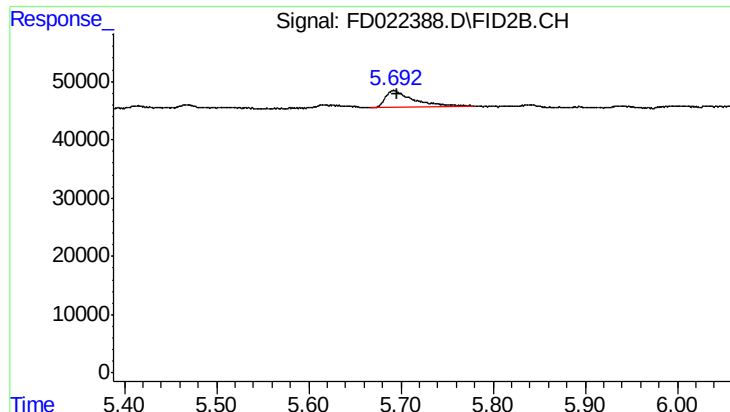
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QLast Update : Wed Feb 21 04:46:02 2018
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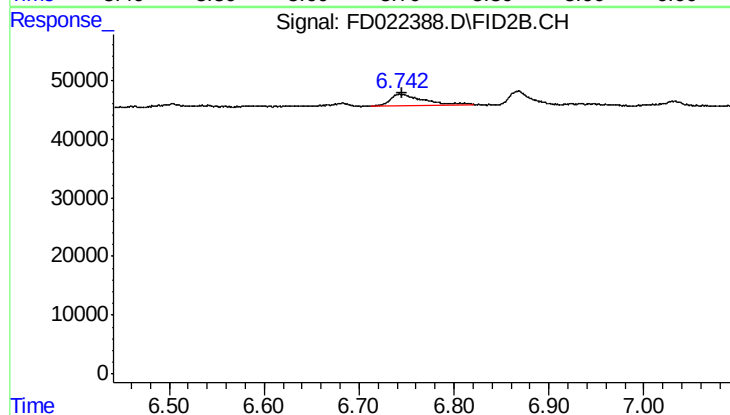




#2 Naphthalene (C11.7)

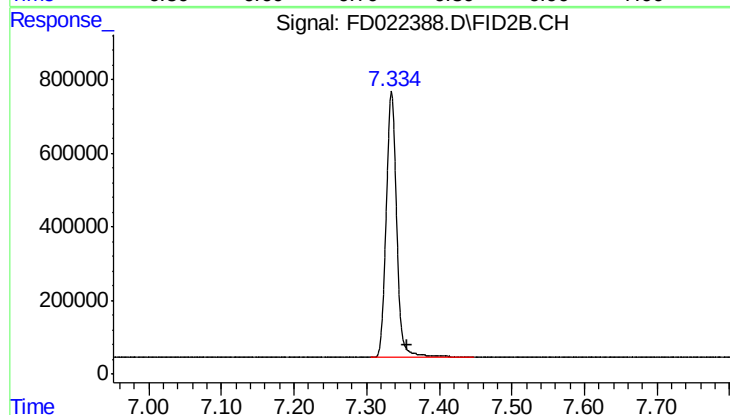
R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 60720
Conc: 0.68 ug/ml

Instrument :
FID_D
ClientSampleId :



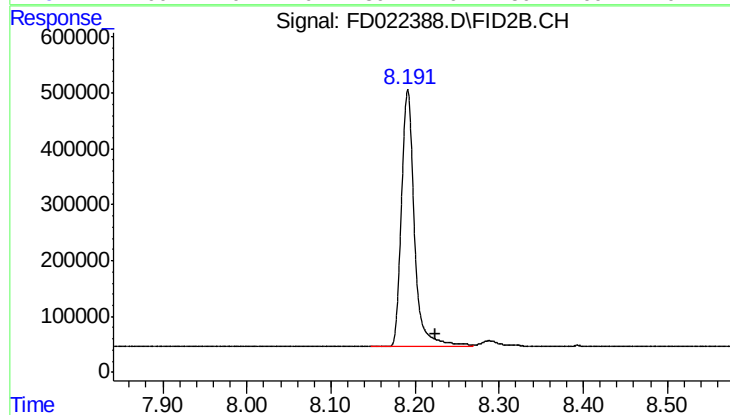
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 46529
Conc: 0.51 ug/ml



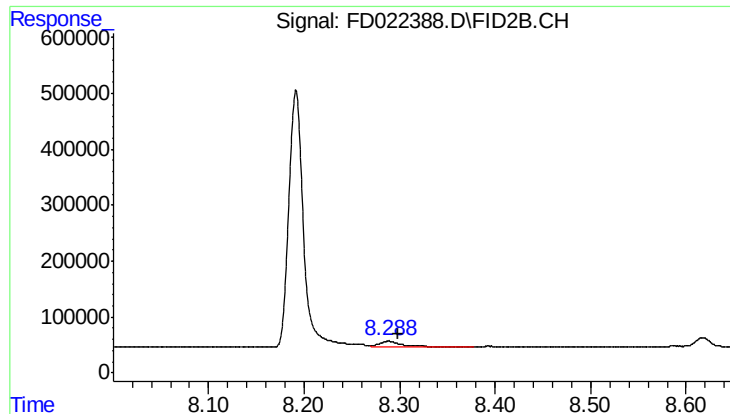
#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min
Delta R.T.: -0.021 min
Response: 7283746
Conc: 86.94 ug/ml



#6 2-Fluorobiphenyl (SURR)

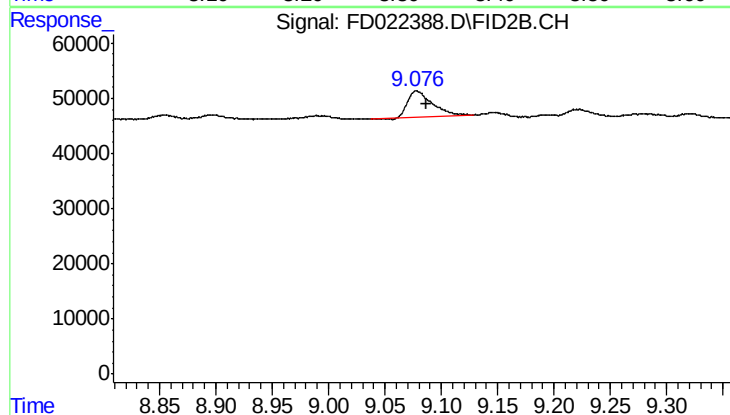
R.T.: 8.191 min
Delta R.T.: -0.033 min
Response: 4951291
Conc: 97.93 ug/ml



#7 Acenaphthene (C15.5)

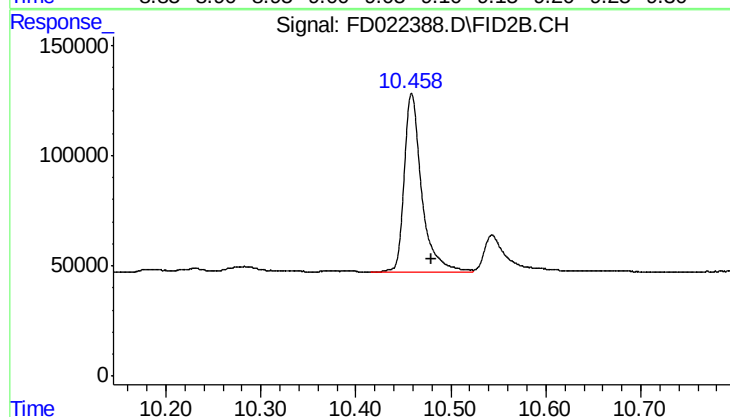
R.T.: 8.288 min
Delta R.T.: -0.010 min
Response: 170917
Conc: 1.67 ug/ml

Instrument :
FID_D
ClientSampleId :



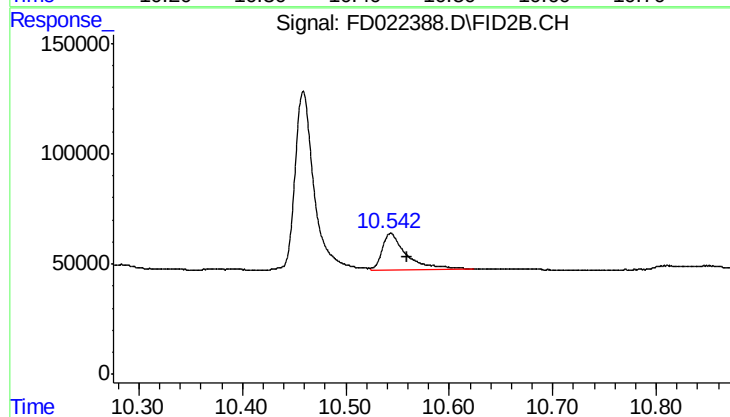
#8 Flouorene (C16.55)

R.T.: 9.078 min
Delta R.T.: -0.009 min
Response: 73539
Conc: 0.78 ug/ml



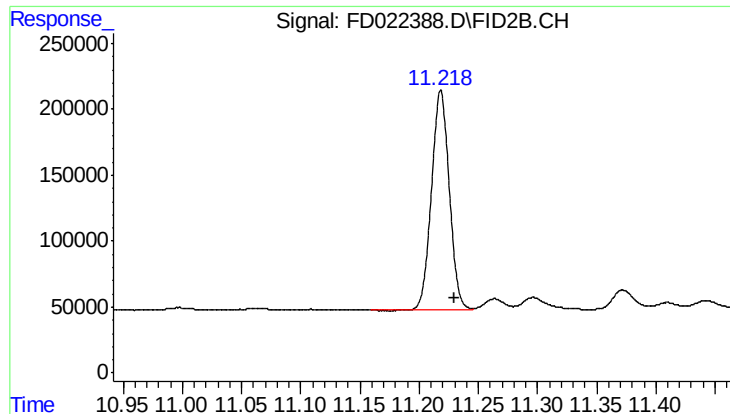
#9 Phenanthrene (C19.36)

R.T.: 10.459 min
Delta R.T.: -0.021 min
Response: 1038772
Conc: 11.15 ug/ml



#10 Anthracene (C19.43)

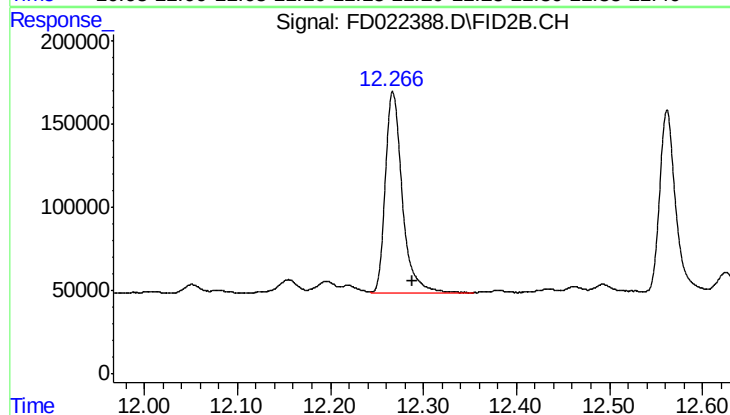
R.T.: 10.543 min
Delta R.T.: -0.016 min
Response: 262672
Conc: 2.77 ug/ml



#11 ortho-Terphenyl (SURR)

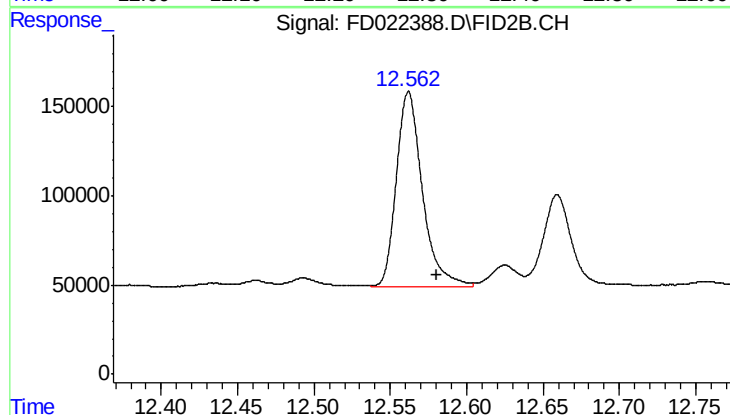
R.T.: 11.218 min
Delta R.T.: -0.012 min
Response: 1749698
Conc: 18.44 ug/ml

Instrument :
FID_D
ClientSampleId :



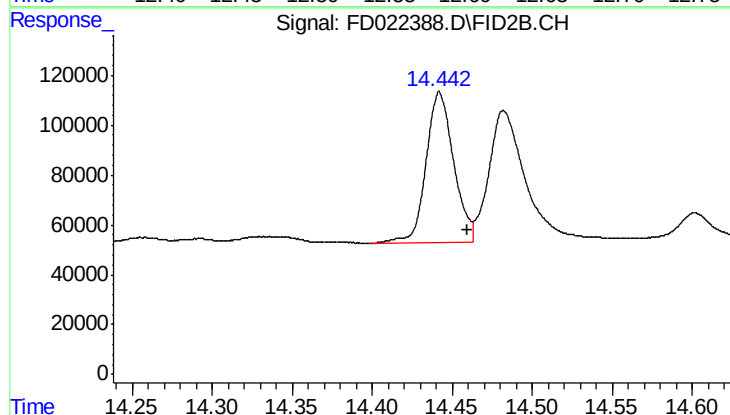
#12 Fluoranthene (C21.85)

R.T.: 12.267 min
Delta R.T.: -0.021 min
Response: 1550065
Conc: 15.45 ug/ml



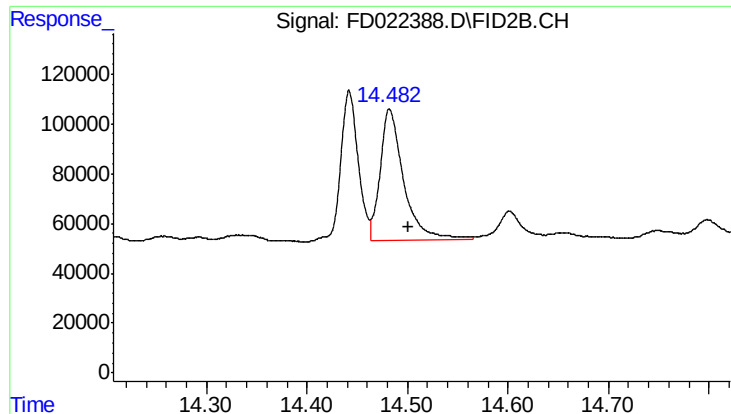
#13 Pyrene (C20.8)

R.T.: 12.562 min
Delta R.T.: -0.018 min
Response: 1314545
Conc: 12.94 ug/ml



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

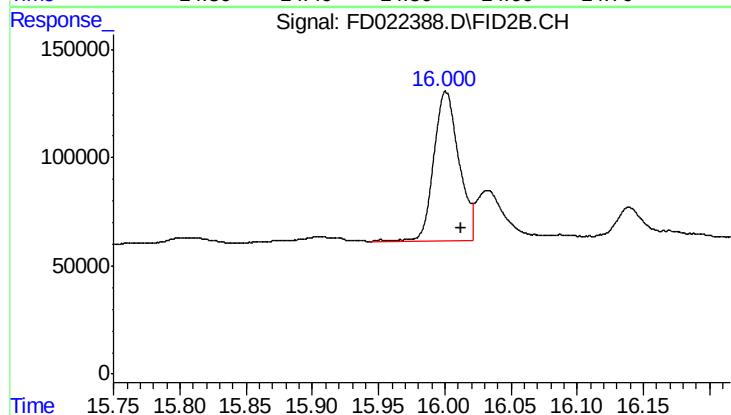
R.T.: 14.442 min
Delta R.T.: -0.017 min
Response: 729316
Conc: 7.56 ug/ml



#15 Chrysene (C27.41)

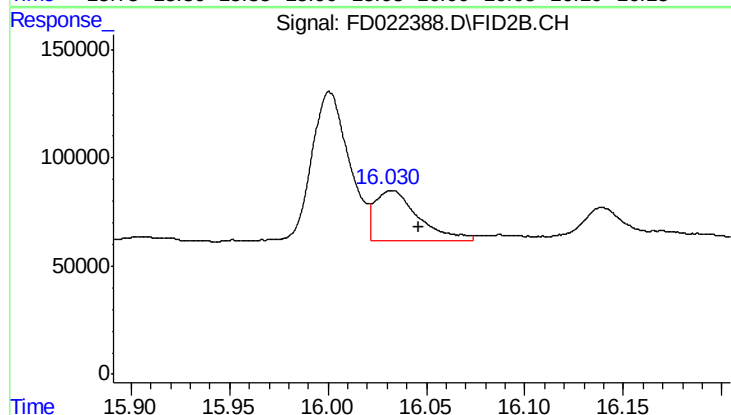
R.T.: 14.482 min
Delta R.T.: -0.018 min
Response: 871474
Conc: 8.07 ug/ml

Instrument :
FID_D
ClientSampleId :



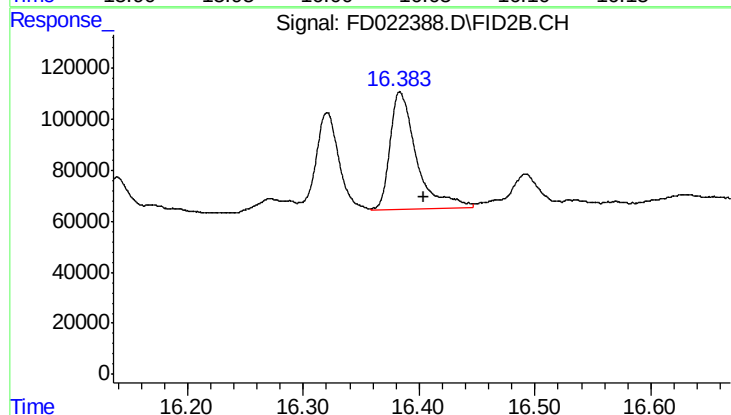
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.001 min
Delta R.T.: -0.011 min
Response: 928978
Conc: 9.24 ug/ml



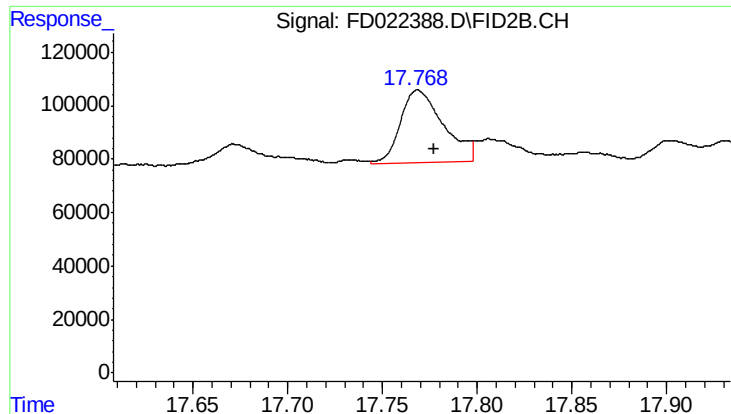
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.032 min
Delta R.T.: -0.013 min
Response: 358665
Conc: 3.16 ug/ml



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

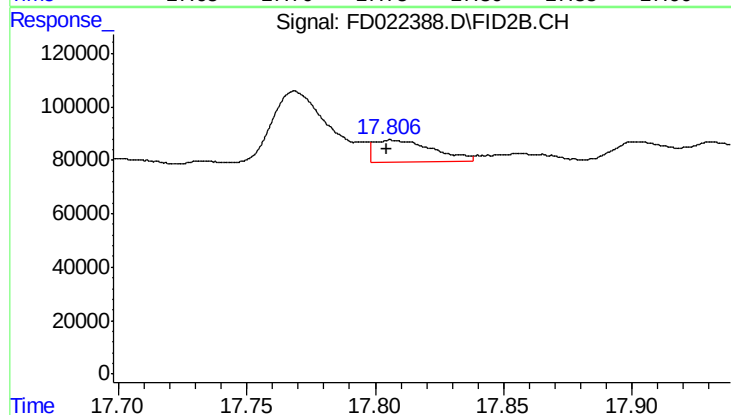
R.T.: 16.383 min
Delta R.T.: -0.021 min
Response: 733765
Conc: 6.98 ug/ml



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

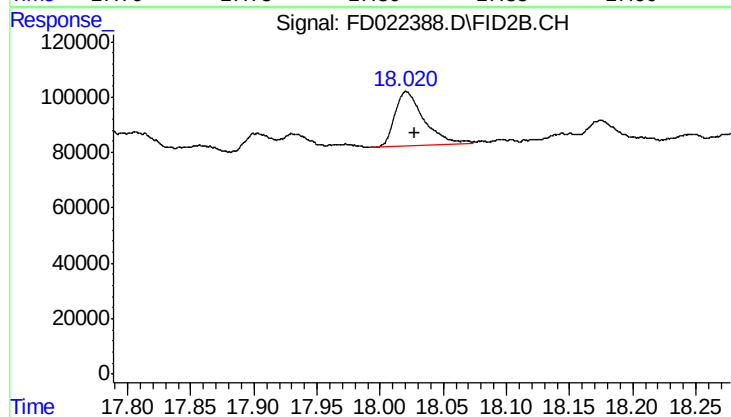
R.T.: 17.769 min
Delta R.T.: -0.009 min
Response: 430217
Conc: 4.52 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.806 min
Delta R.T.: 0.002 min
Response: 134553
Conc: 1.18 ug/ml



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

R.T.: 18.021 min
Delta R.T.: -0.007 min
Response: 317693
Conc: 3.06 ug/ml