

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\
 Data File : FD022365.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2018 13:41
 Operator : UA/AJ
 Sample : J1792-05
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 06 20:14:15 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	4682113	55.888 ug/ml
Spiked Amount 50.000		Recovery =	111.78%
6) S 2-Fluorobiphenyl (SURR)	8.192	3220076	63.692 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.38%
11) S ortho-Terphenyl (SURR)	11.220	2435419	25.663 ug/ml
Spiked Amount 50.000		Recovery =	51.33%
Target Compounds			
2) T Naphthalene (C11.7)	5.694	44091	0.493 ug/ml
5) T Acenaphthylene (C15.06)	8.004	98521	1.029 ug/ml
7) T Acenaphthene (C15.5)	8.288	257482	2.513 ug/ml
8) T Fluorene (C16.55)	9.075	148832	1.587 ug/ml
9) T Phenanthrene (C19.36)	10.458	1953891	20.971 ug/ml
10) T Anthracene (C19.43)	10.543	359494	3.791 ug/ml
12) T Fluoranthene (C21.85)	12.269	3167411	31.578 ug/ml
13) T Pyrene (C20.8)	12.563	2555352	25.152 ug/ml
14) T Benzo[a]anthracene (C...	14.441	1316473	13.652 ug/ml
15) T Chrysene (C27.41)	14.480	1570774	14.554 ug/ml
16) T benzo[b]fluoranthene ...	15.999	1780955	17.716 ug/ml
17) T Bnezo[k]fluoranthene ...	16.029	645015	5.684 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.380	1453687	13.833 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.761	1070606	11.237 ug/ml
20) T Dibenz[a,h]anthracene...	17.800	281446	2.477 ug/ml
21) T Benzo[a,h,i]pervylene ...	18.011	975458	9.392 ug/ml

(f)=RT Delta > 1/2 Window

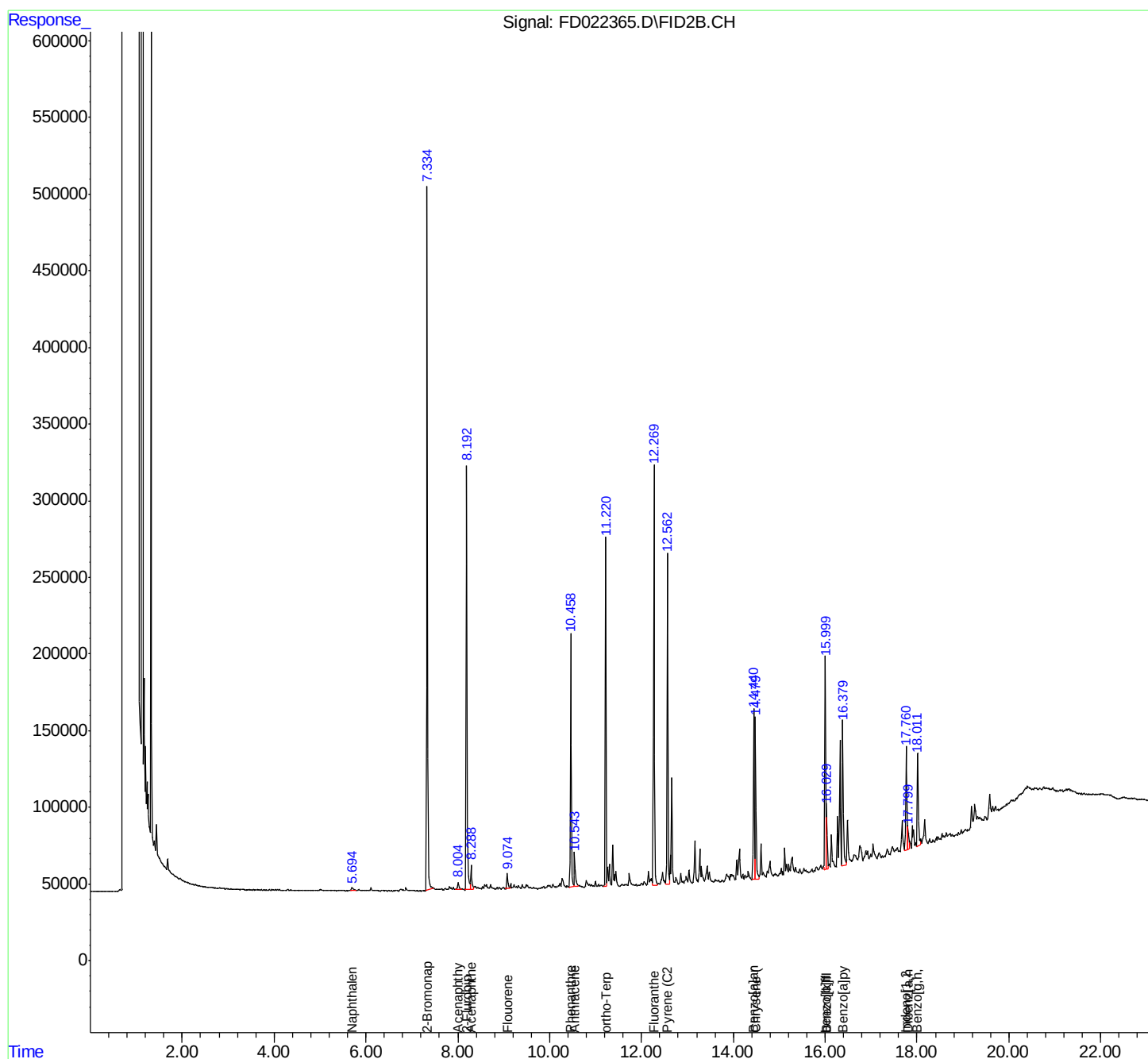
(m)=manual int.

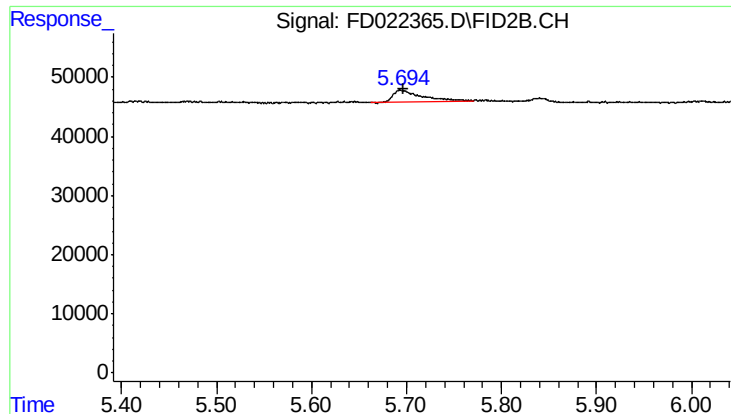
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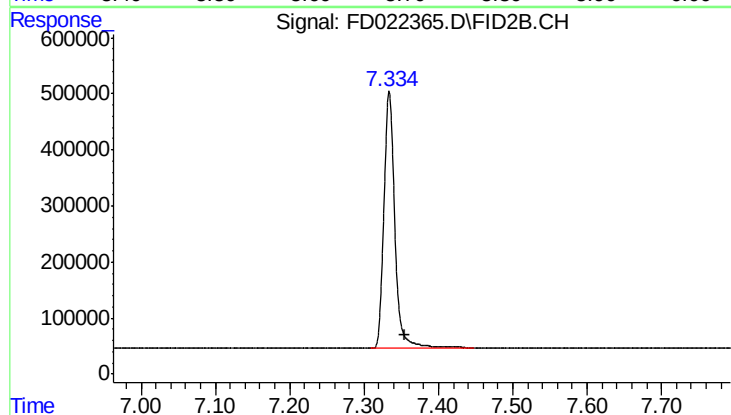




#2 Naphthalene (C11.7)

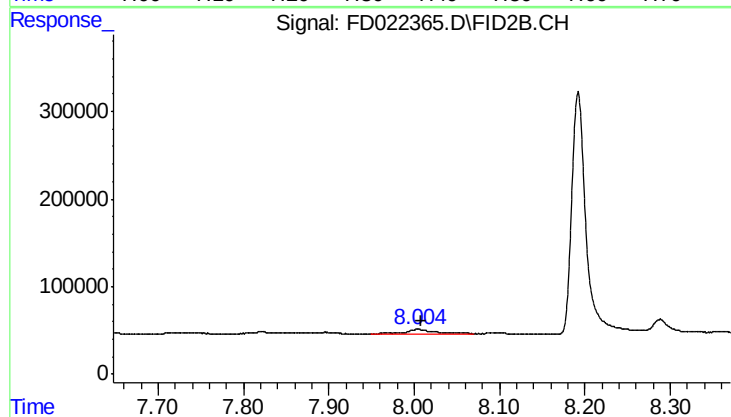
R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 44091
Conc: 0.49 ug/ml

Instrument :
FID_D
ClientSampleId :



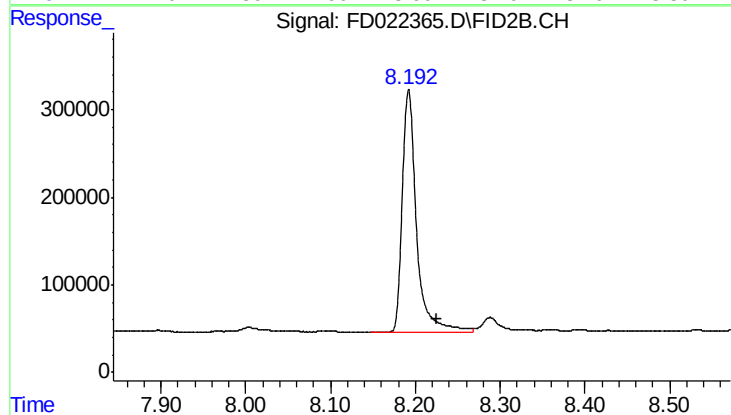
#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min
Delta R.T.: -0.021 min
Response: 4682113
Conc: 55.89 ug/ml



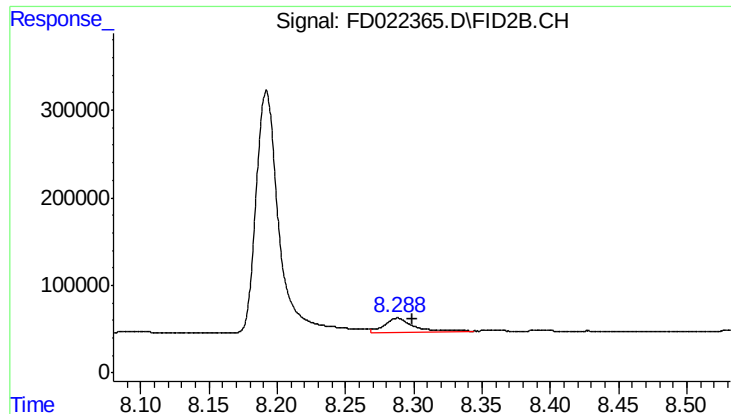
#5 Acenaphthylene (C15.06)

R.T.: 8.004 min
Delta R.T.: -0.005 min
Response: 98521
Conc: 1.03 ug/ml



#6 2-Fluorobiphenyl (SURR)

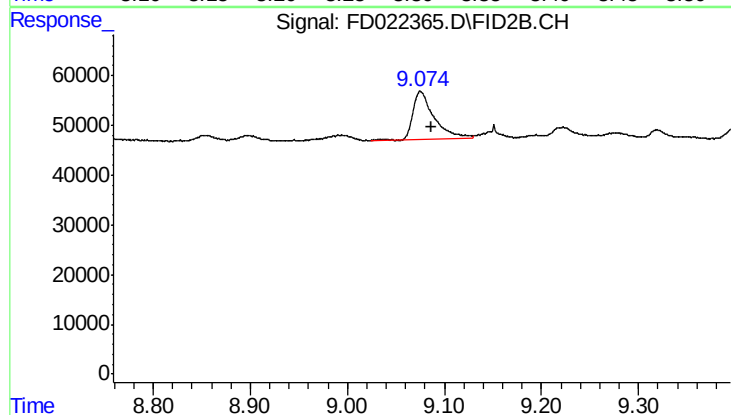
R.T.: 8.192 min
Delta R.T.: -0.032 min
Response: 3220076
Conc: 63.69 ug/ml



#7 Acenaphthene (C15.5)

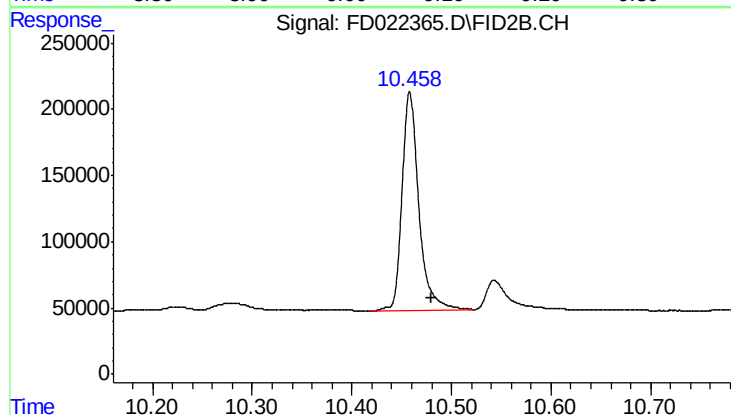
R.T.: 8.288 min
Delta R.T.: -0.011 min
Response: 257482
Conc: 2.51 ug/ml

Instrument :
FID_D
ClientSampleId :



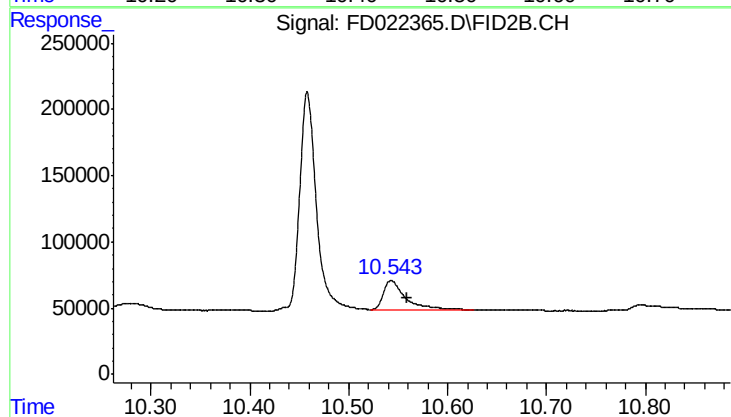
#8 Flouorene (C16.55)

R.T.: 9.075 min
Delta R.T.: -0.011 min
Response: 148832
Conc: 1.59 ug/ml



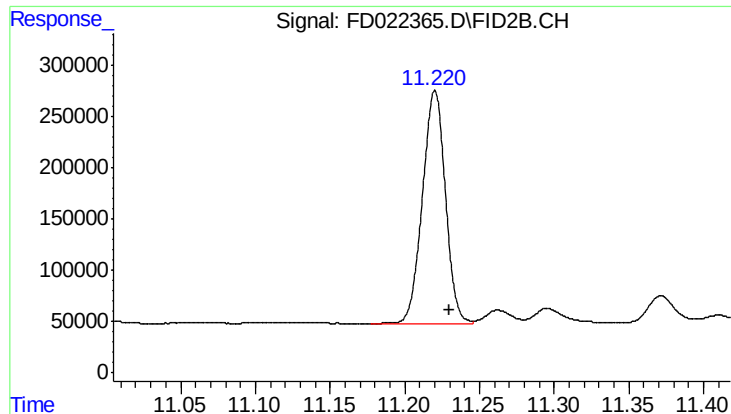
#9 Phenanthrene (C19.36)

R.T.: 10.458 min
Delta R.T.: -0.022 min
Response: 1953891
Conc: 20.97 ug/ml



#10 Anthracene (C19.43)

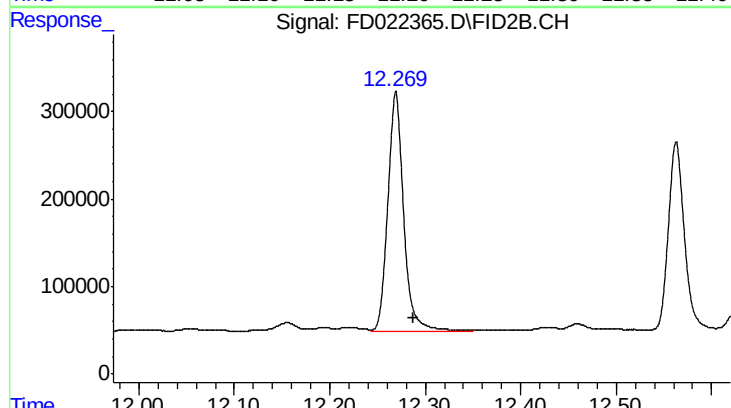
R.T.: 10.543 min
Delta R.T.: -0.016 min
Response: 359494
Conc: 3.79 ug/ml



#11 ortho-Terphenyl (SURR)

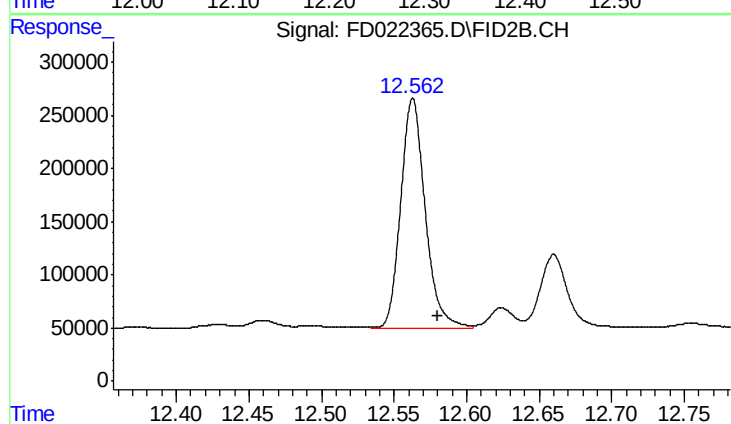
R.T.: 11.220 min
Delta R.T.: -0.010 min
Response: 2435419
Conc: 25.66 ug/ml

Instrument :
FID_D
ClientSampleId :



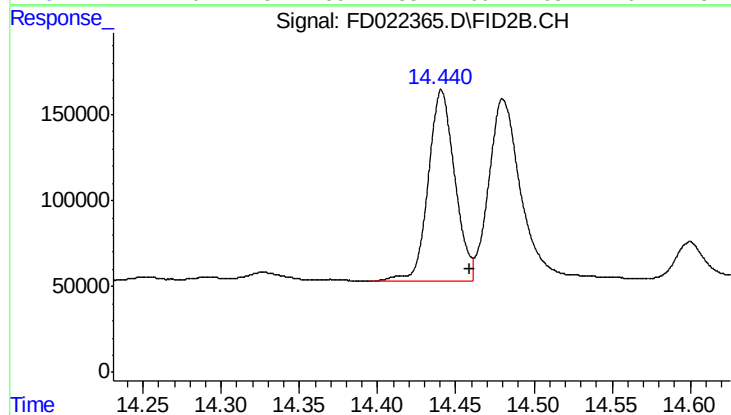
#12 Fluoranthene (C21.85)

R.T.: 12.269 min
Delta R.T.: -0.019 min
Response: 3167411
Conc: 31.58 ug/ml



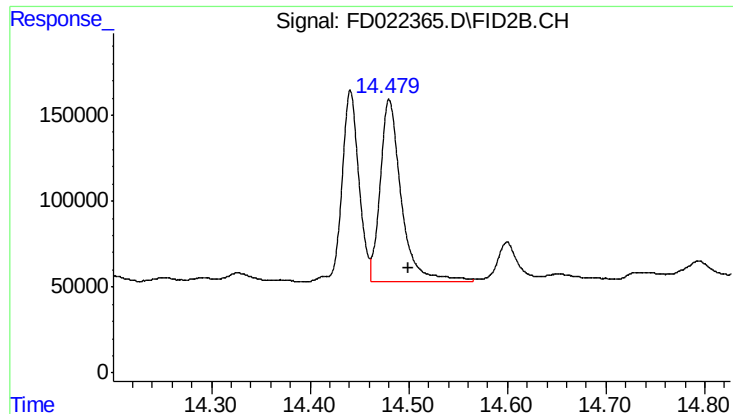
#13 Pyrene (C20.8)

R.T.: 12.563 min
Delta R.T.: -0.017 min
Response: 2555352
Conc: 25.15 ug/ml



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

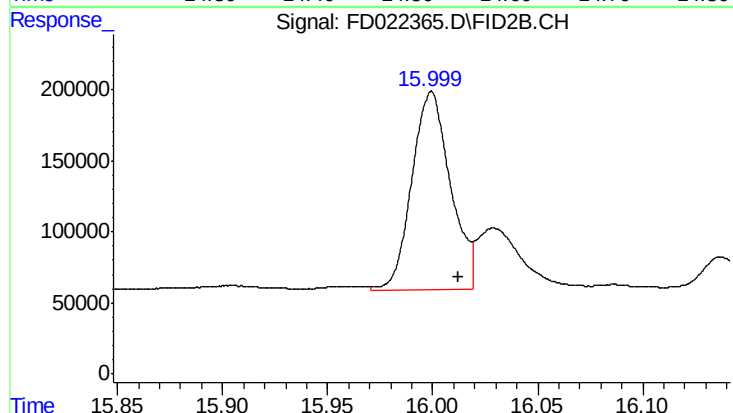
R.T.: 14.441 min
Delta R.T.: -0.018 min
Response: 1316473
Conc: 13.65 ug/ml



#15 Chrysene (C27.41)

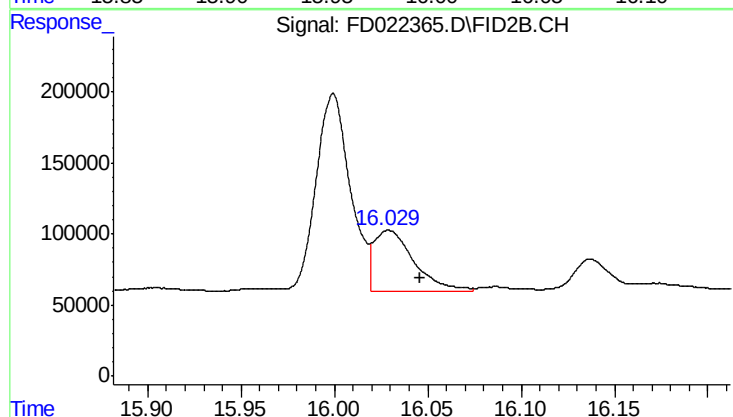
R.T.: 14.480 min
Delta R.T.: -0.020 min
Response: 1570774
Conc: 14.55 ug/ml

Instrument :
FID_D
ClientSampleId :



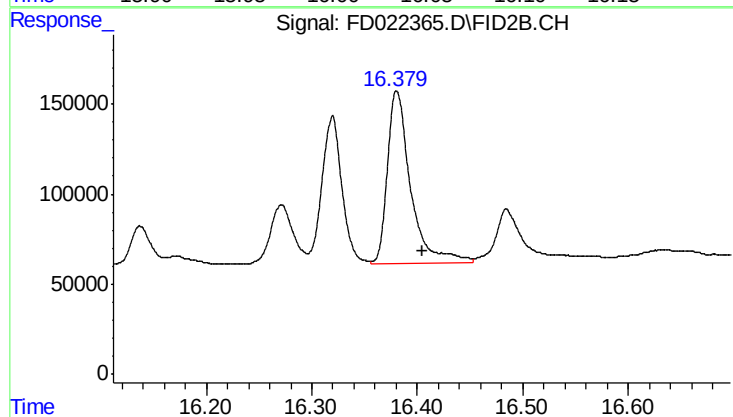
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.999 min
Delta R.T.: -0.013 min
Response: 1780955
Conc: 17.72 ug/ml



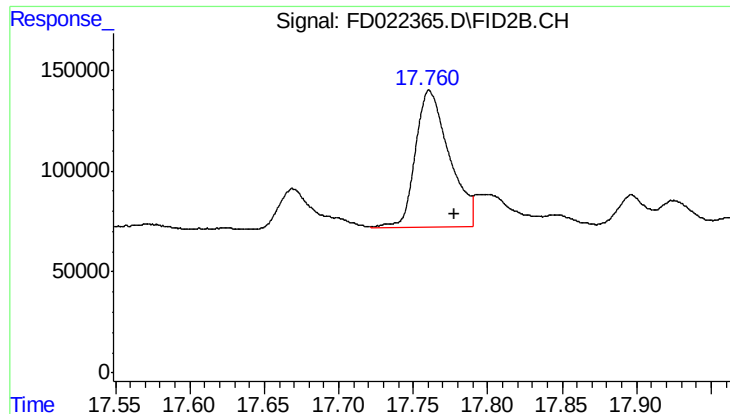
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.029 min
Delta R.T.: -0.017 min
Response: 645015
Conc: 5.68 ug/ml



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

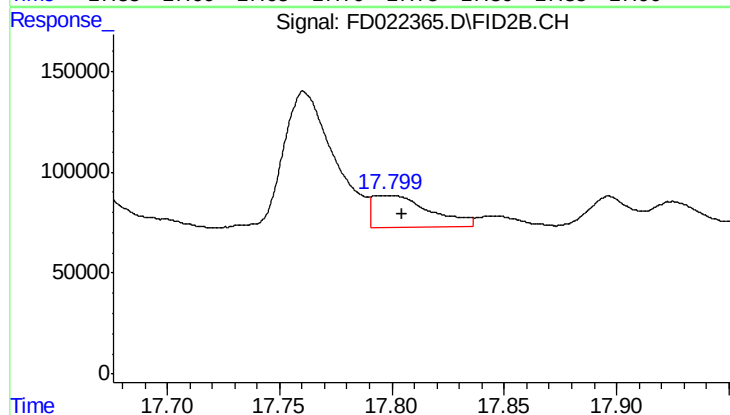
R.T.: 16.380 min
Delta R.T.: -0.024 min
Response: 1453687
Conc: 13.83 ug/ml



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

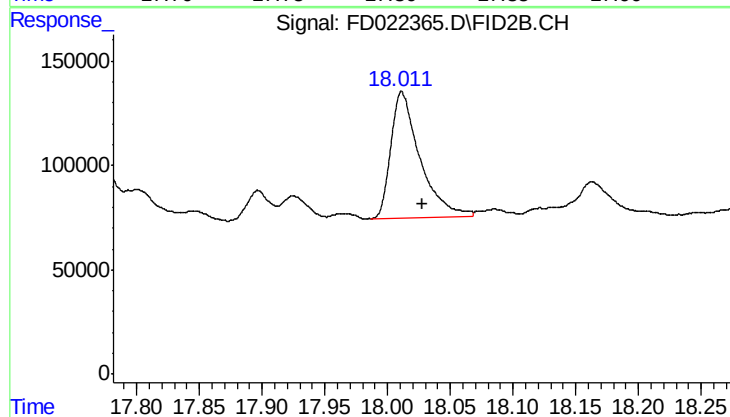
R.T.: 17.761 min
Delta R.T.: -0.016 min
Response: 1070606
Conc: 11.24 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.800 min
Delta R.T.: -0.005 min
Response: 281446
Conc: 2.48 ug/ml



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

R.T.: 18.011 min
Delta R.T.: -0.016 min
Response: 975458
Conc: 9.39 ug/ml