

Data Path : P:\HPCHEM1\FID D\Data\FD041618AR\
 Data File : FD023067.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2018 14:57
 Operator : UA/AJ
 Sample : J2370-07DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 18 04:53:23 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 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...	7.295	1001407	7.384 ug/ml
Spiked Amount 50.000		Recovery =	14.77%
6) S 2-Fluorobiphenyl (SURR)	8.163	548512	7.697 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	15.39%
11) S ortho-Terphenyl (SURR)	11.171	565129	4.042 ug/ml
Spiked Amount 50.000		Recovery =	8.08%
Target Compounds			
2) T Naphthalene (C11.7)	5.666	106037	0.775 ug/ml
3) T 2-Methylnaphthalene (...)	6.719	54116	0.396 ug/ml
5) T Acenaphthylene (C15.06)	7.958	324366	2.219 ug/ml
7) T Acenaphthene (C15.5)	8.254	80161	0.475 ug/ml
8) T Fluorene (C16.55)	9.048	119840	0.837 ug/ml
9) T Phenanthrene (C19.36)	10.418	1088568	8.201 ug/ml
10) T Anthracene (C19.43)	10.516	307841	2.200 ug/ml
12) T Fluoranthene (C21.85)	12.226	1623782	11.822 ug/ml
13) T Pyrene (C20.8)	12.517	2215795	15.697 ug/ml
14) T Benzo[a]anthracene (C...	14.440	1429305	11.505 ug/ml
15) T Chrysene (C27.41)	14.440	1429305	9.232 ug/ml
16) T benzo[b]fluoranthene ...	15.994	708782	5.258 ug/ml
17) T Benzo[k]fluoranthene ...	15.994	708782	4.295 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.343	1299296	9.013 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.765	316211	2.437 ug/ml
20) T Dibenz[a,h]anthracene...	17.765	316211	1.901 ug/ml
21) T Benzo[a,h,i]perylene ...	17.976	1077813	7.272 ug/ml

(f)=RT Delta > 1/2 Window

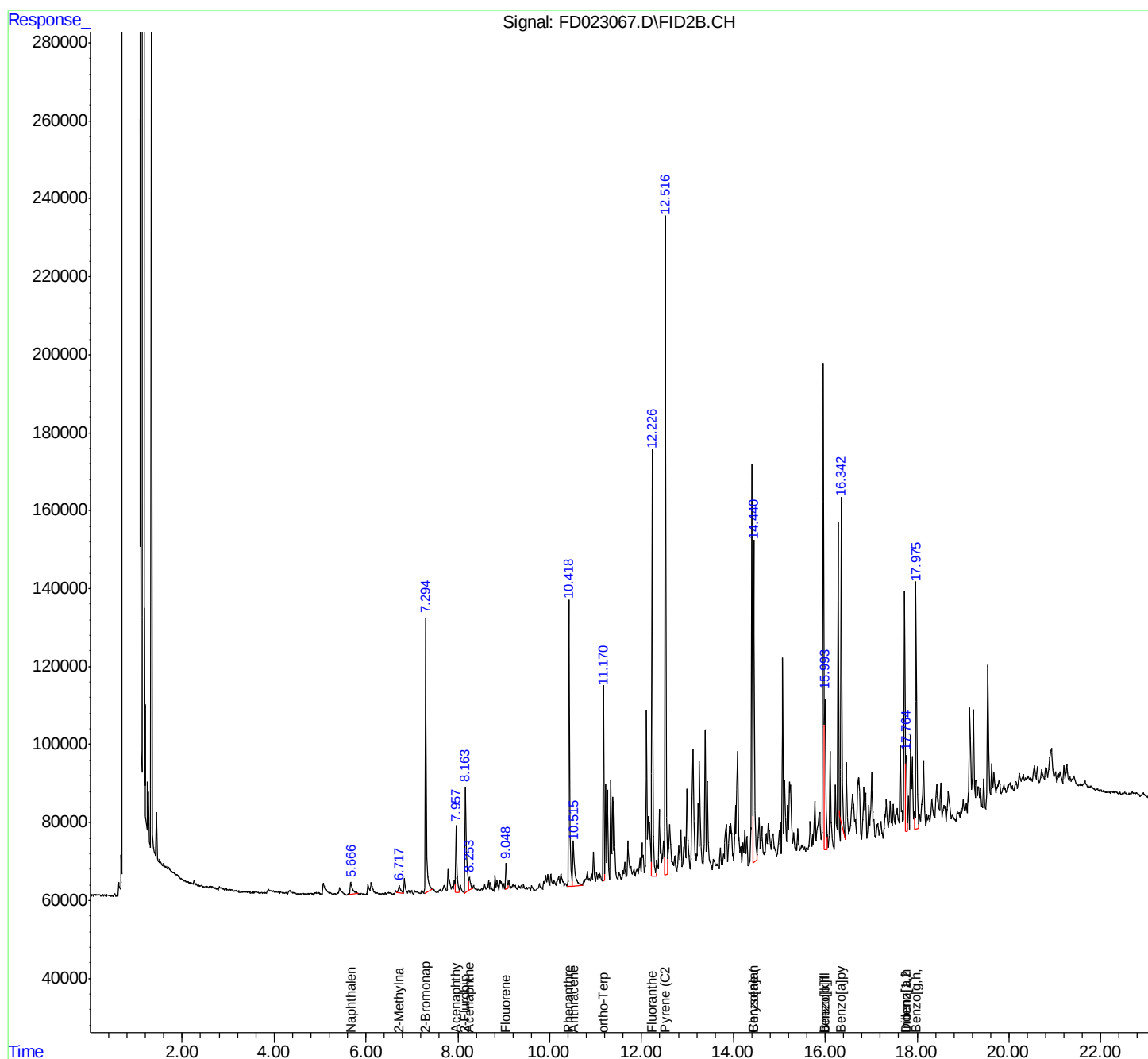
(m)=manual int.

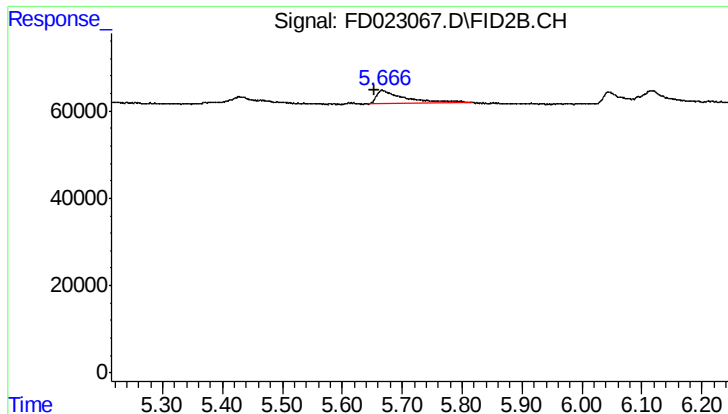
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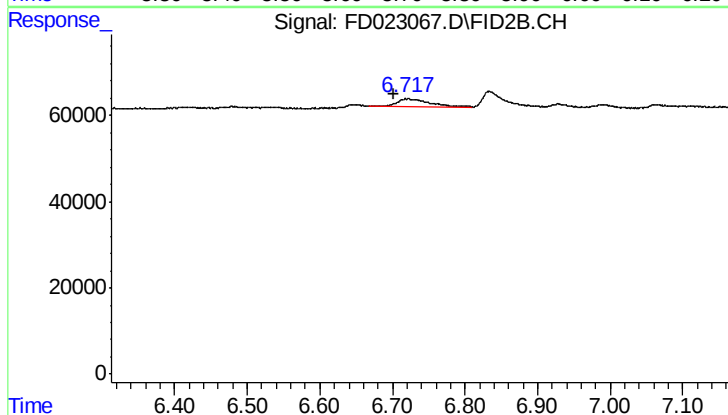




#2 Naphthalene (C11.7)

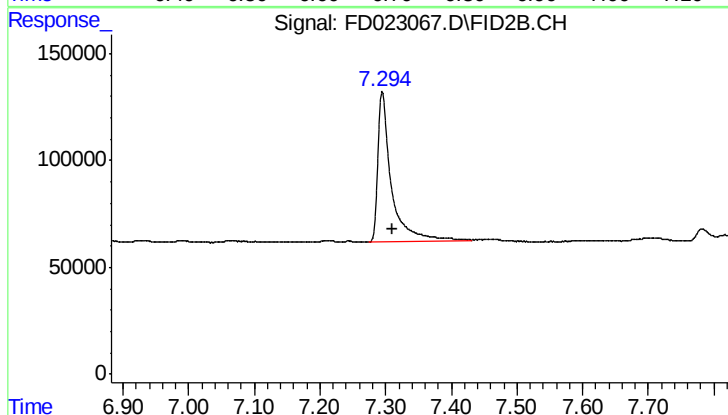
R.T.: 5.666 min
Delta R.T.: 0.013 min
Response: 106037
Conc: 0.77 ug/ml

Instrument :
FID_D
ClientSampleId :



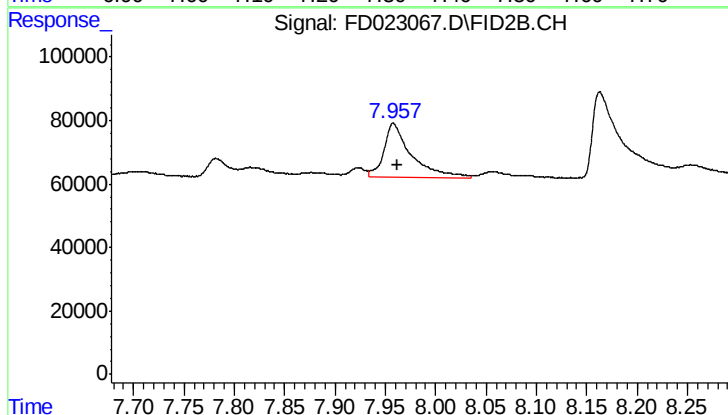
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: 0.017 min
Response: 54116
Conc: 0.40 ug/ml



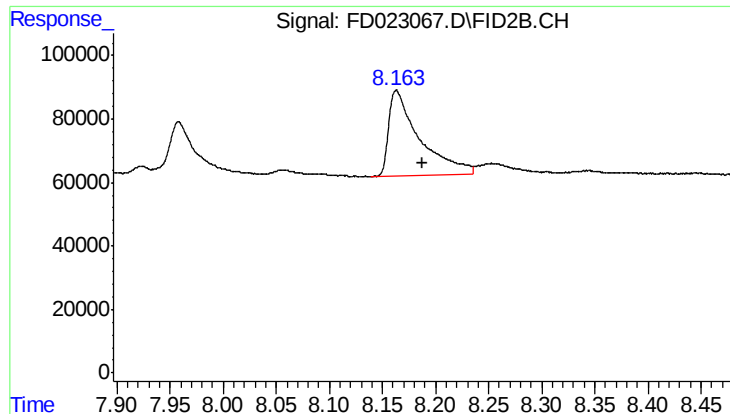
#4 2-Bromonaphthalene (SURR)

R.T.: 7.295 min
Delta R.T.: -0.015 min
Response: 1001407
Conc: 7.38 ug/ml



#5 Acenaphthylene (C15.06)

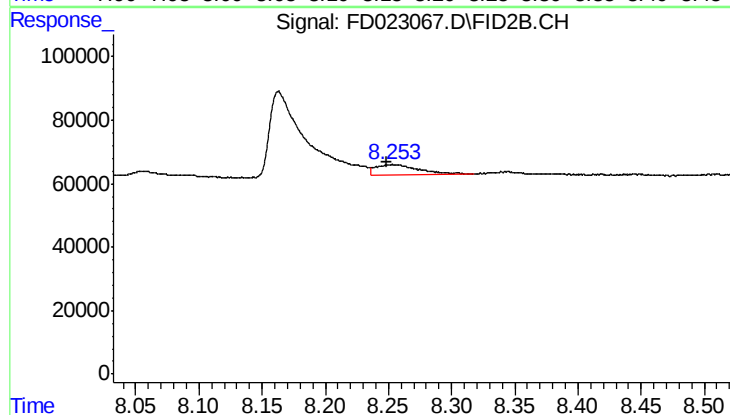
R.T.: 7.958 min
Delta R.T.: -0.005 min
Response: 324366
Conc: 2.22 ug/ml



#6 2-Fluorobiphenyl (SURR)

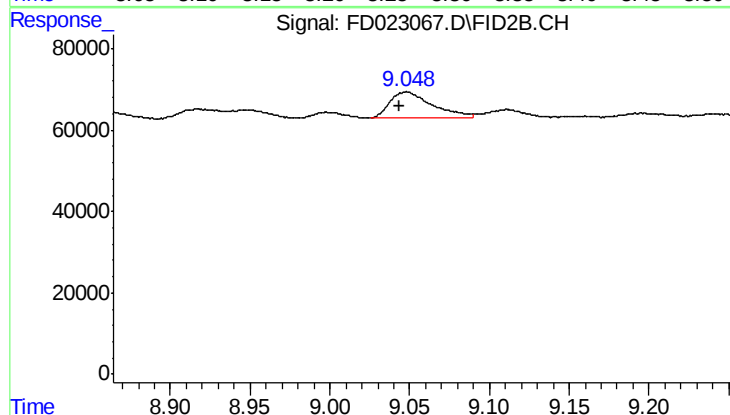
R.T.: 8.163 min
Delta R.T.: -0.025 min
Response: 548512
Conc: 7.70 ug/ml

Instrument :
FID_D
ClientSampleId :



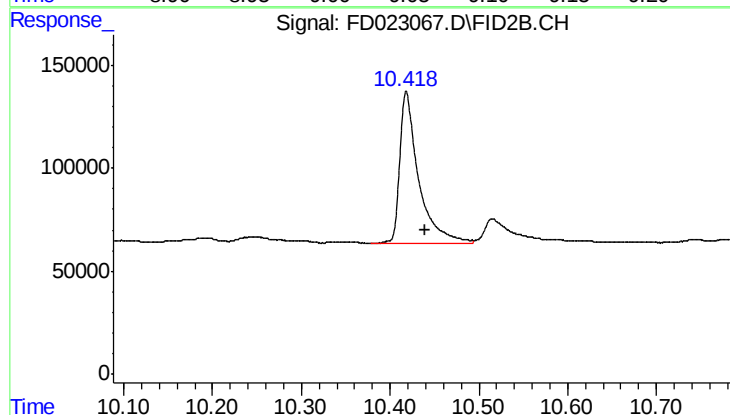
#7 Acenaphthene (C15.5)

R.T.: 8.254 min
Delta R.T.: 0.005 min
Response: 80161
Conc: 0.47 ug/ml



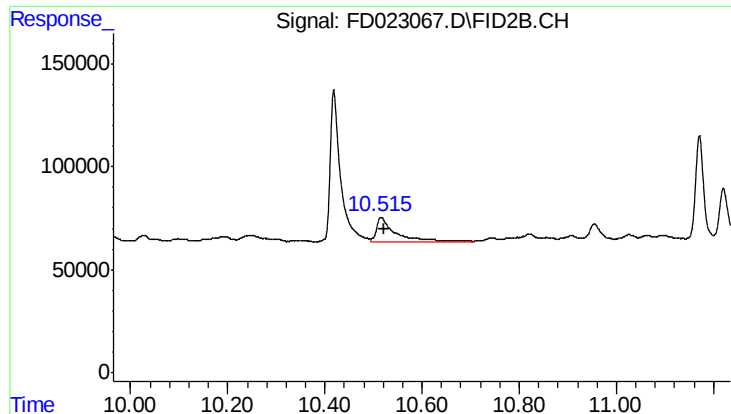
#8 Flouorene (C16.55)

R.T.: 9.048 min
Delta R.T.: 0.004 min
Response: 119840
Conc: 0.84 ug/ml



#9 Phenanthrene (C19.36)

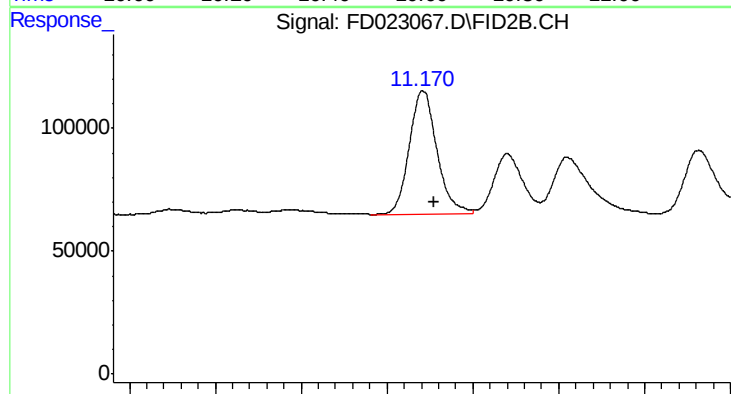
R.T.: 10.418 min
Delta R.T.: -0.021 min
Response: 1088568
Conc: 8.20 ug/ml



#10 Anthracene (C19.43)

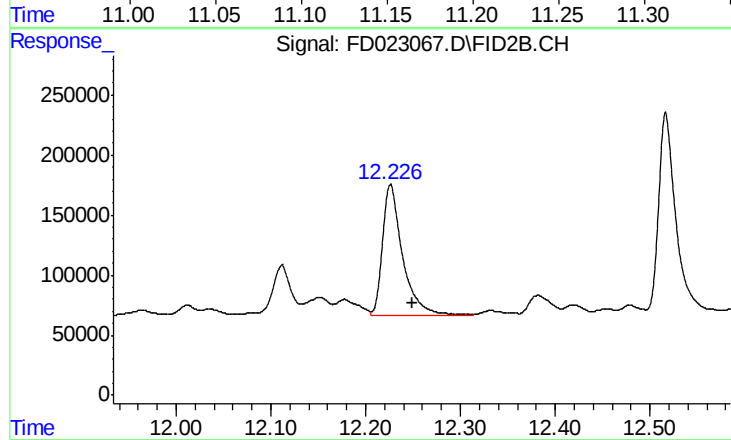
R.T.: 10.516 min
Delta R.T.: -0.007 min
Response: 307841
Conc: 2.20 ug/ml

Instrument :
FID_D
ClientSampleId :



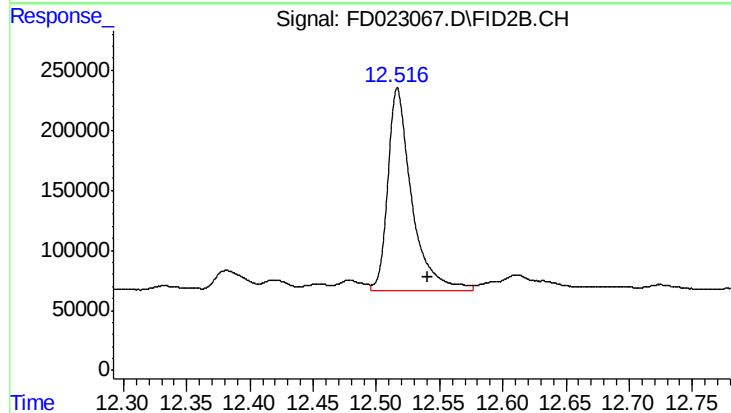
#11 ortho-Terphenyl (SURR)

R.T.: 11.171 min
Delta R.T.: -0.006 min
Response: 565129
Conc: 4.04 ug/ml



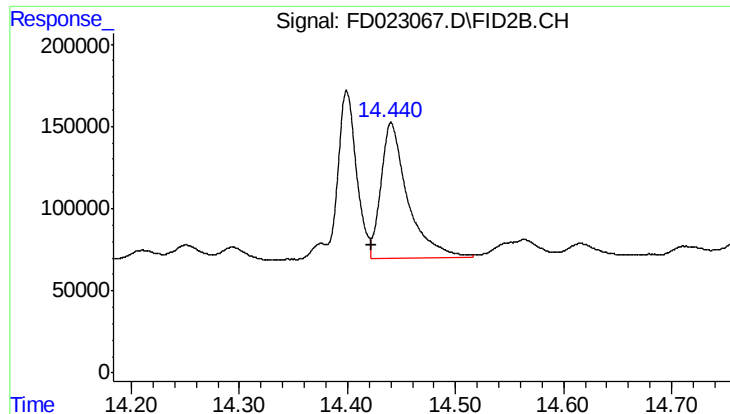
#12 Fluoranthene (C21.85)

R.T.: 12.226 min
Delta R.T.: -0.023 min
Response: 1623782
Conc: 11.82 ug/ml



#13 Pyrene (C20.8)

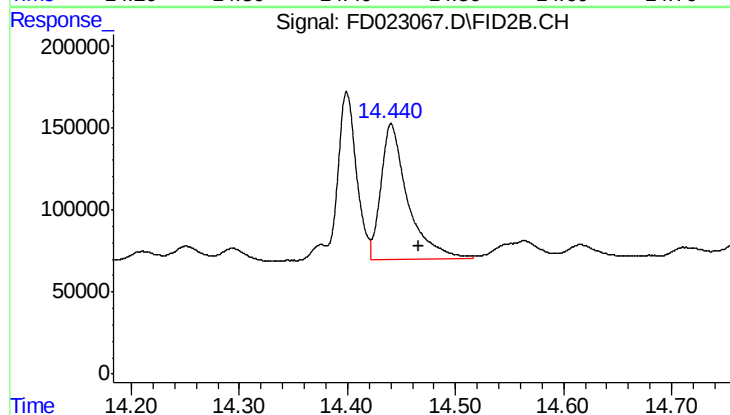
R.T.: 12.517 min
Delta R.T.: -0.024 min
Response: 2215795
Conc: 15.70 ug/ml



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

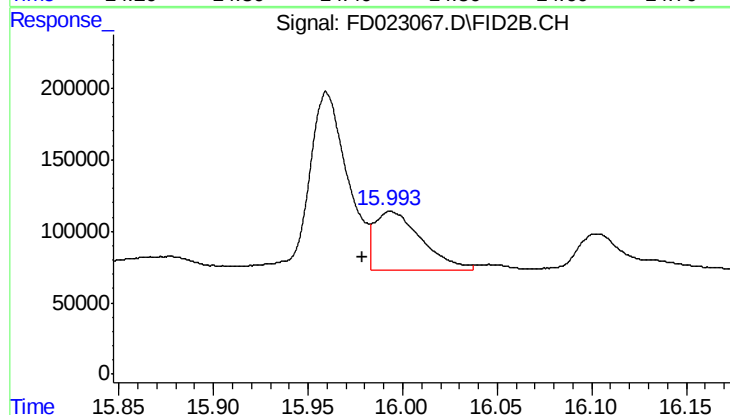
R.T.: 14.440 min
Delta R.T.: 0.018 min
Response: 1429305
Conc: 11.50 ug/ml

Instrument :
FID_D
ClientSampleId :



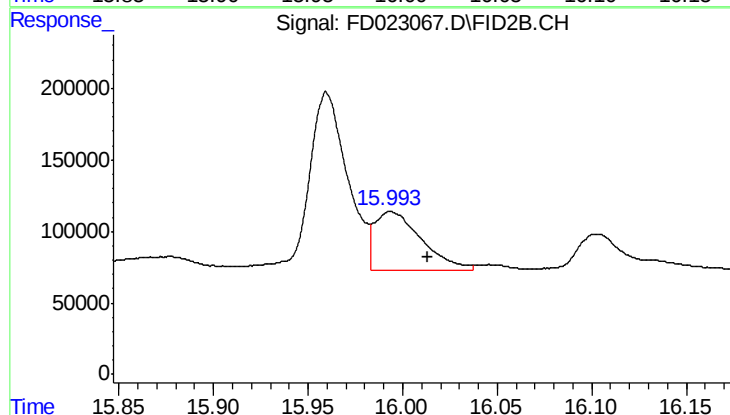
#15 Chrysene (C27.41)

R.T.: 14.440 min
Delta R.T.: -0.026 min
Response: 1429305
Conc: 9.23 ug/ml



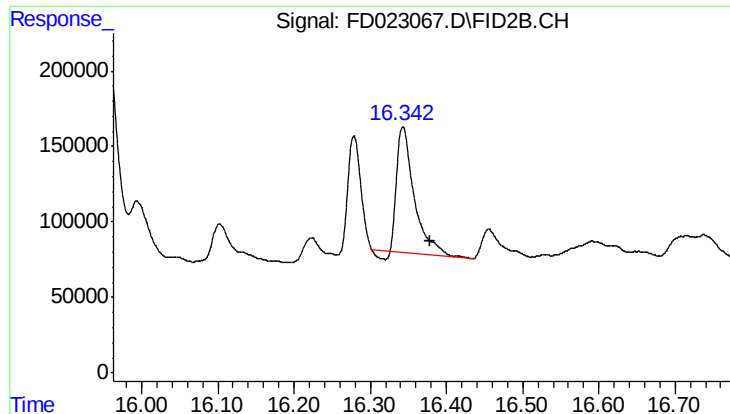
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.994 min
Delta R.T.: 0.015 min
Response: 708782
Conc: 5.26 ug/ml



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

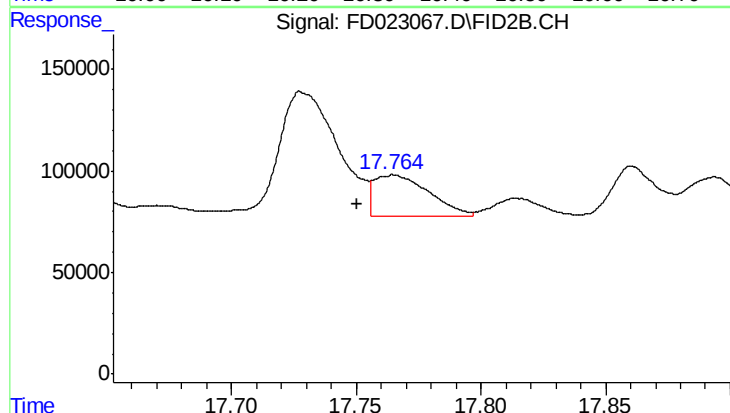
R.T.: 15.994 min
Delta R.T.: -0.020 min
Response: 708782
Conc: 4.30 ug/ml



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

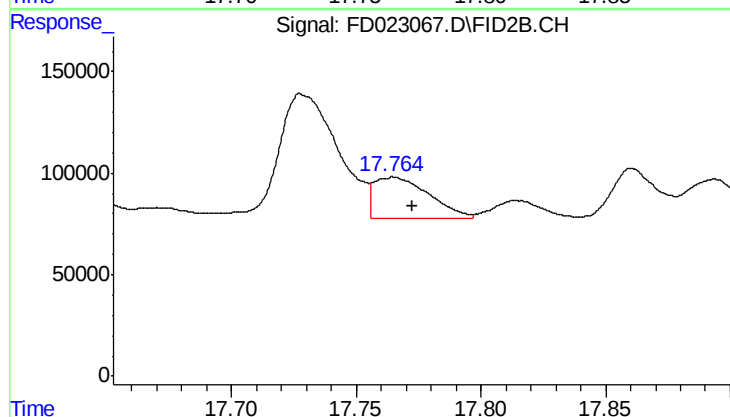
R.T.: 16.343 min
Delta R.T.: -0.036 min
Response: 1299296
Conc: 9.01 ug/ml

Instrument :
FID_D
ClientSampleId :



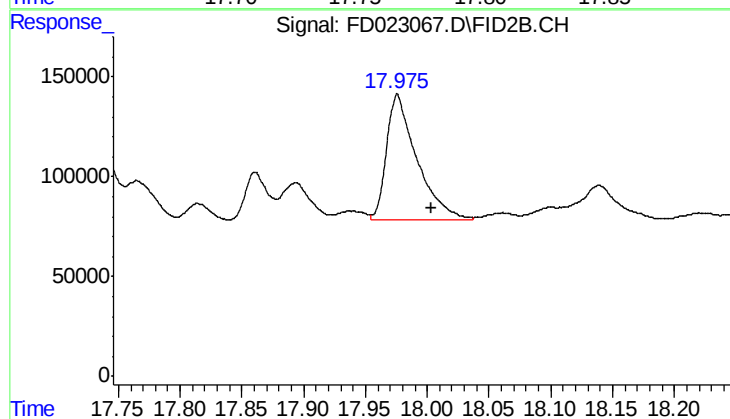
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.765 min
Delta R.T.: 0.014 min
Response: 316211
Conc: 2.44 ug/ml



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

R.T.: 17.765 min
Delta R.T.: -0.008 min
Response: 316211
Conc: 1.90 ug/ml



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

R.T.: 17.976 min
Delta R.T.: -0.028 min
Response: 1077813
Conc: 7.27 ug/ml