

Data Path : P:\HPCHEM1\FID D\Data\FD041618AR\
 Data File : FD023048.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2018 2:16
 Operator : UA/AJ
 Sample : J2133-01
 Misc : AROMATIC LOD 2.5 PPM; FID_D
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 17 11:07:20 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...	7.293	6987171	51.521 ug/ml
Spiked Amount 50.000		Recovery =	103.04%
6) S 2-Fluorobiphenyl (SURR)	8.153	3892235	54.615 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.23%
11) S ortho-Terphenyl (SURR)	11.177	7438457	53.205 ug/ml
Spiked Amount 50.000		Recovery =	106.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.117	201070	1.442 ug/ml
2) T Naphthalene (C11.7)	5.670	202238	1.478 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	188704	1.382 ug/ml
5) T Acenaphthylene (C15.06)	7.973	329421	2.254 ug/ml
7) T Acenaphthene (C15.5)	8.254	523245	3.097 ug/ml
8) T Fluorene (C16.55)	9.061	217911	1.522 ug/ml
9) T Phenanthrene (C19.36)	10.456	254046	1.914 ug/ml
10) T Anthracene (C19.43)	10.545	274734	1.964 ug/ml
12) T Fluoranthene (C21.85)	12.264	311742	2.270 ug/ml
13) T Pyrene (C20.8)	12.553	225245	1.596 ug/ml
14) T Benzo[alanthracene (C...	14.440	202668	1.631 ug/ml
15) T Chrysene (C27.41)	14.477	476411	3.077 ug/ml
16) T benzo[blfluoranthene ...	15.997	232096	1.722 ug/ml
17) T Bnezo[klfluoranthene ...	15.997	232096	1.407 ug/ml
18) T Benzo[alpyrene (C31.34)	16.419	405171	2.811 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	148711	1.146 ug/ml
20) T Dibenz[fa,h]anthracene...	17.776	148711	0.894 ug/ml
21) T Benzo[ga,h,i]pervlene ...	18.024	300318	2.026 ug/ml

(f)=RT Delta > 1/2 Window

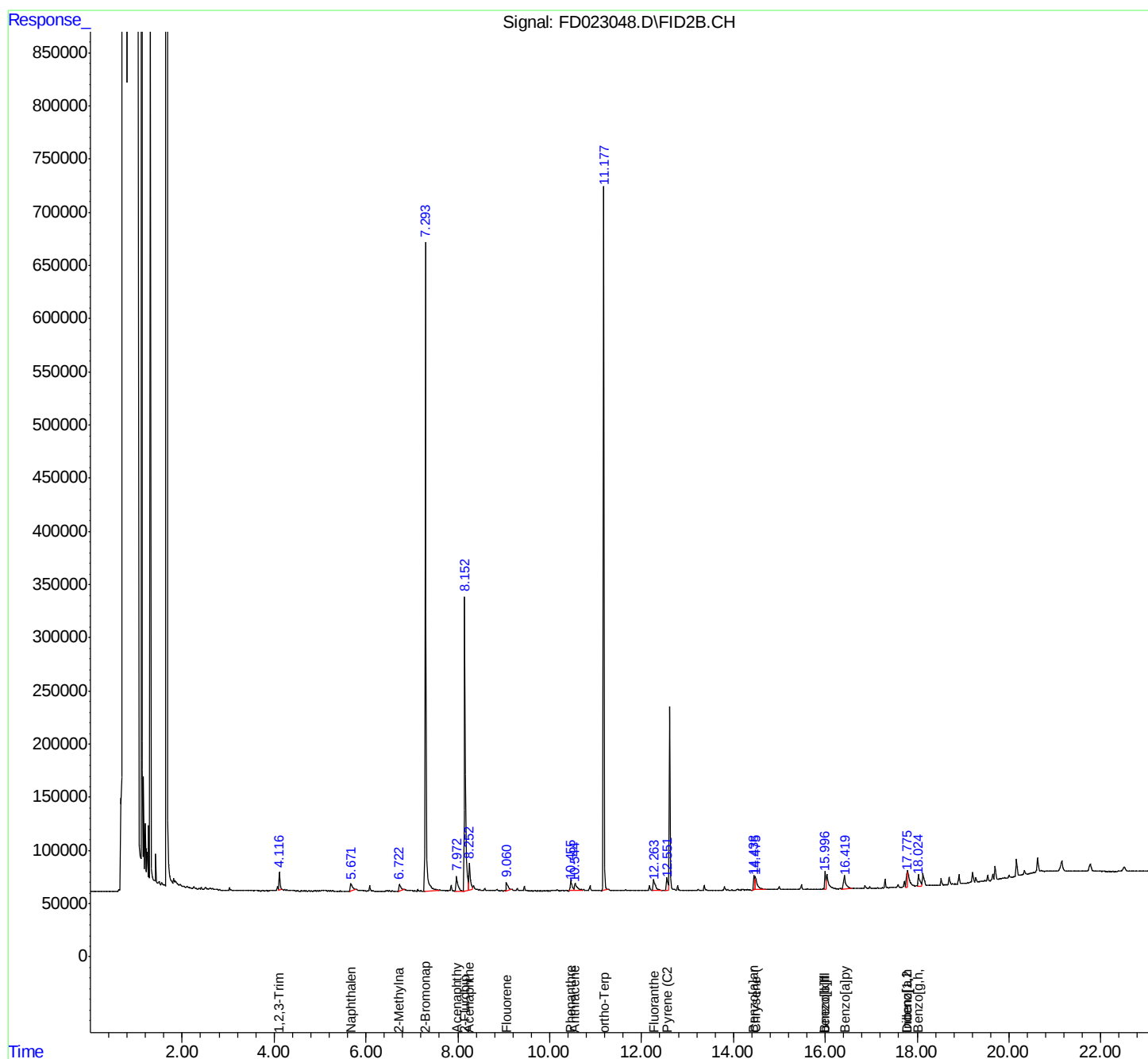
(m)=manual int.

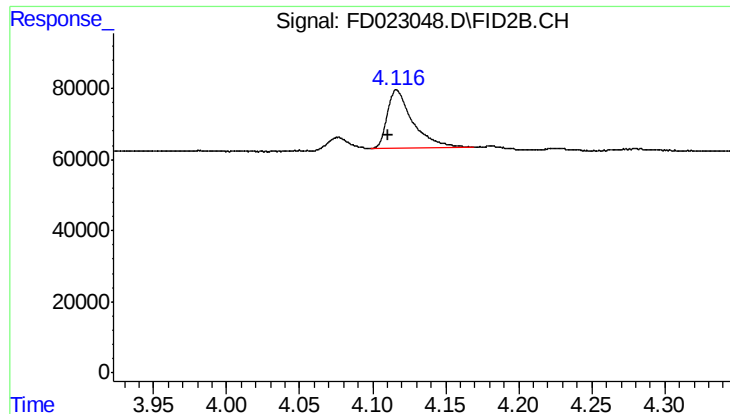
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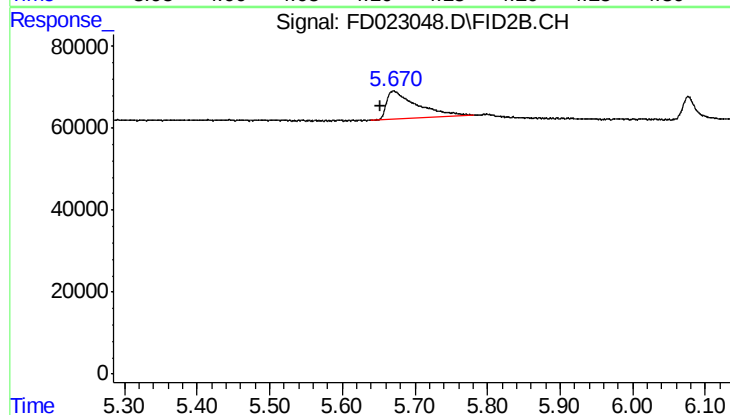




#1 1,2,3-Trimethylbenzene (C10.1)

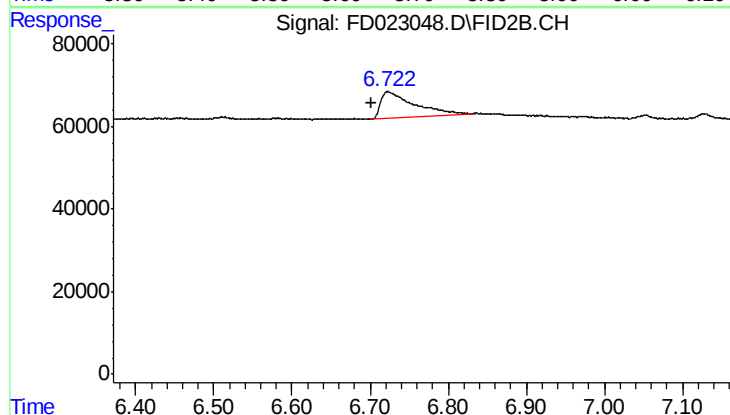
R.T.: 4.117 min
Delta R.T.: 0.006 min
Response: 201070
Conc: 1.44 ug/ml

Instrument :
FID_D
ClientSampleId :



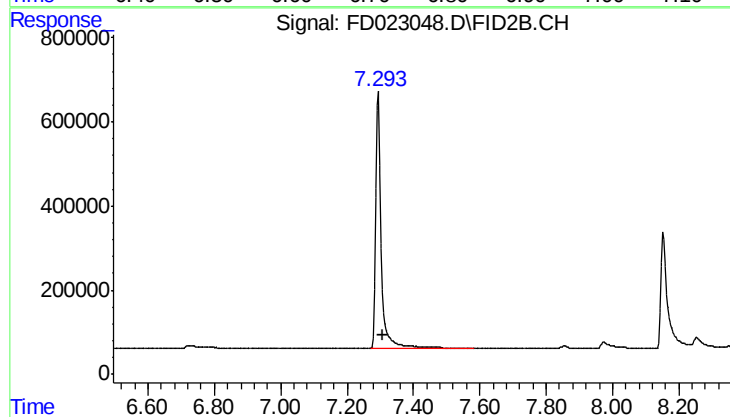
#2 Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: 0.018 min
Response: 202238
Conc: 1.48 ug/ml



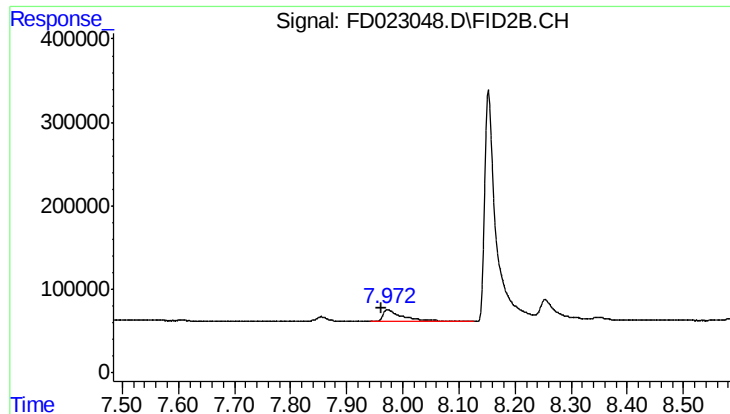
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: 0.020 min
Response: 188704
Conc: 1.38 ug/ml



#4 2-Bromonaphthalene (SURR)

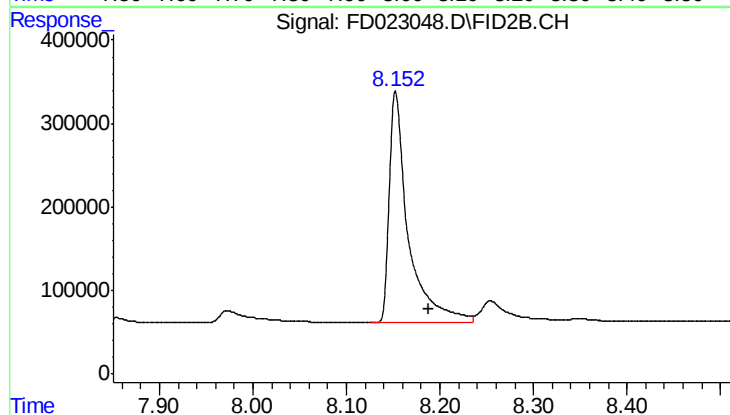
R.T.: 7.293 min
Delta R.T.: -0.016 min
Response: 6987171
Conc: 51.52 ug/ml



#5 Acenaphthylene (C15.06)

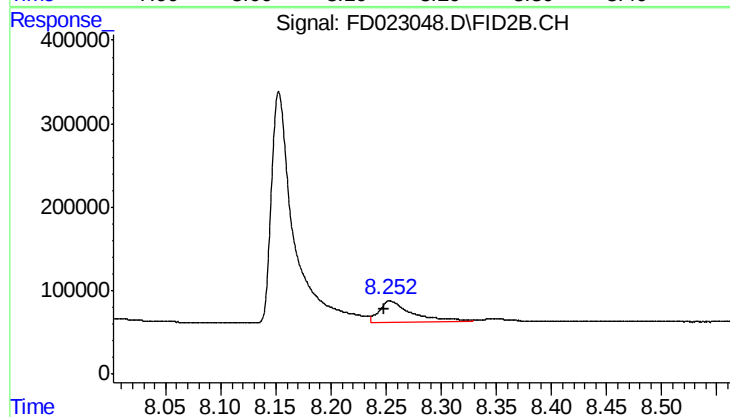
R.T.: 7.973 min
Delta R.T.: 0.010 min
Response: 329421
Conc: 2.25 ug/ml

Instrument :
FID_D
ClientSampleId :



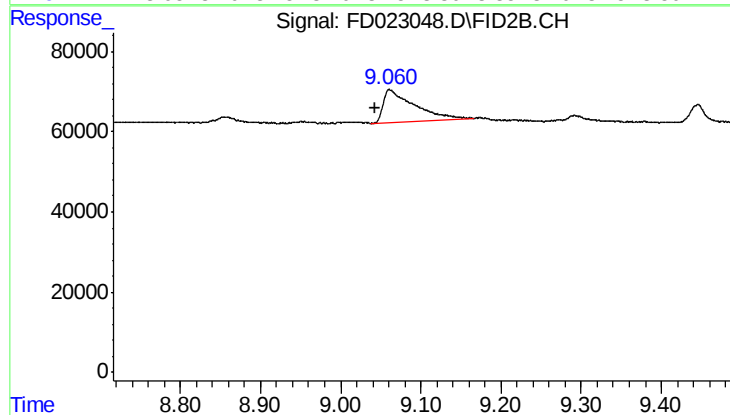
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.153 min
Delta R.T.: -0.036 min
Response: 3892235
Conc: 54.61 ug/ml



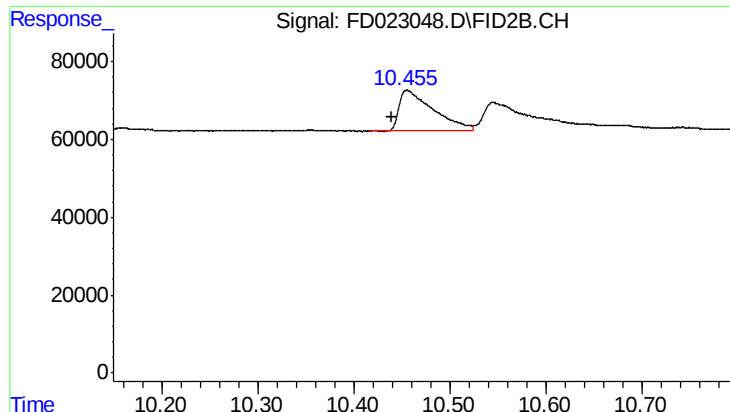
#7 Acenaphthene (C15.5)

R.T.: 8.254 min
Delta R.T.: 0.005 min
Response: 523245
Conc: 3.10 ug/ml



#8 Fluorene (C16.55)

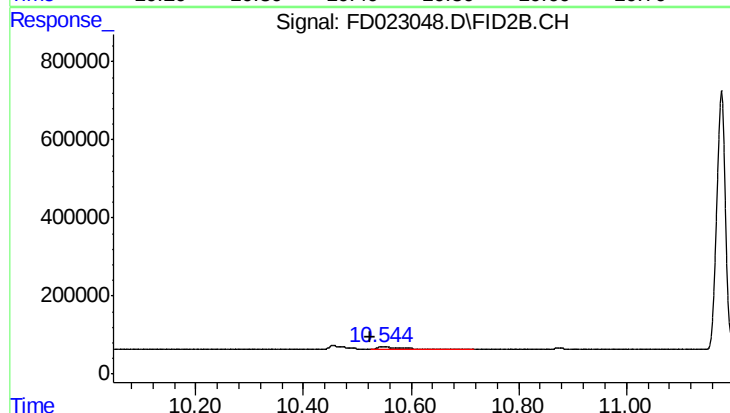
R.T.: 9.061 min
Delta R.T.: 0.017 min
Response: 217911
Conc: 1.52 ug/ml



#9 Phenanthrene (C19.36)

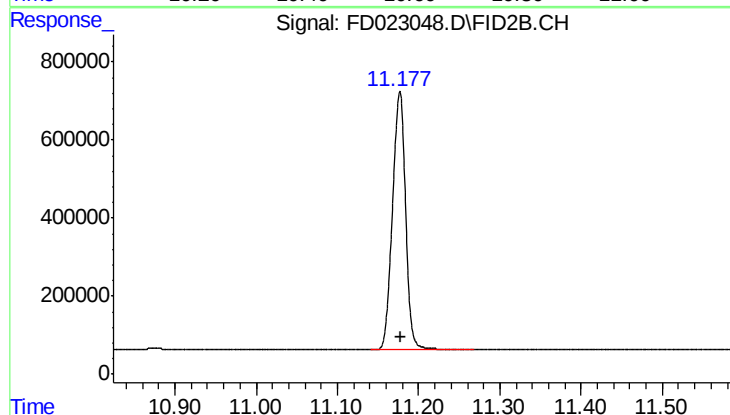
R.T.: 10.456 min
Delta R.T.: 0.016 min
Response: 254046
Conc: 1.91 ug/ml

Instrument :
FID_D
ClientSampleId :



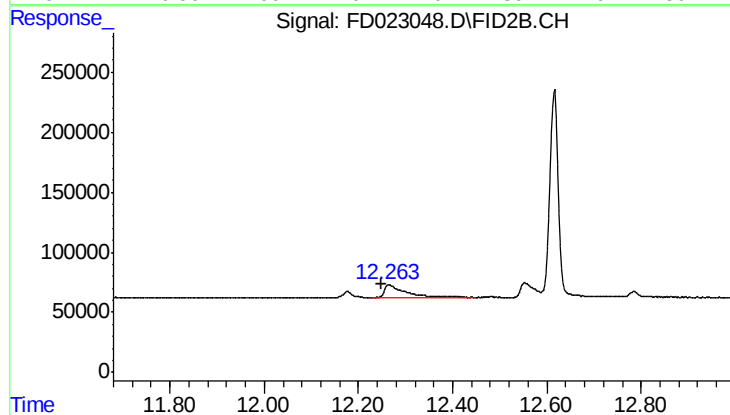
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: 0.023 min
Response: 274734
Conc: 1.96 ug/ml



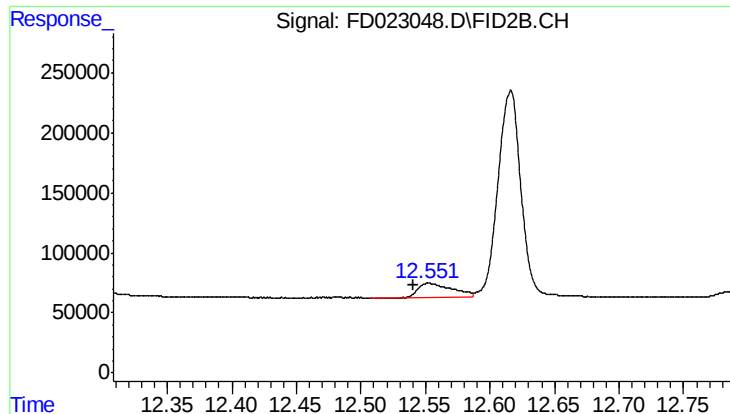
#11 ortho-Terphenyl (SURR)

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 7438457
Conc: 53.21 ug/ml



#12 Fluoranthene (C21.85)

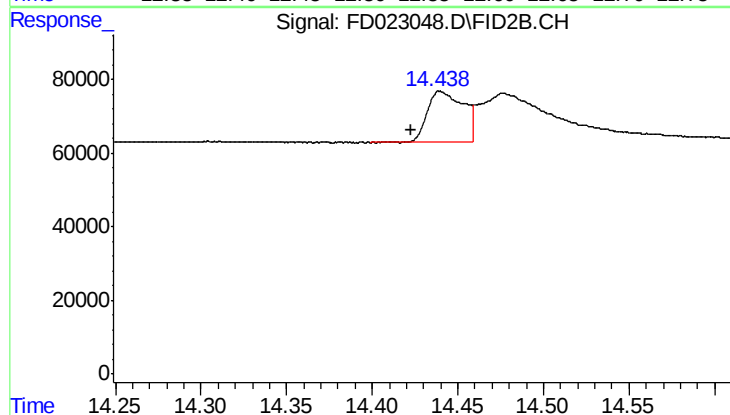
R.T.: 12.264 min
Delta R.T.: 0.016 min
Response: 311742
Conc: 2.27 ug/ml



#13 Pyrene (C20.8)

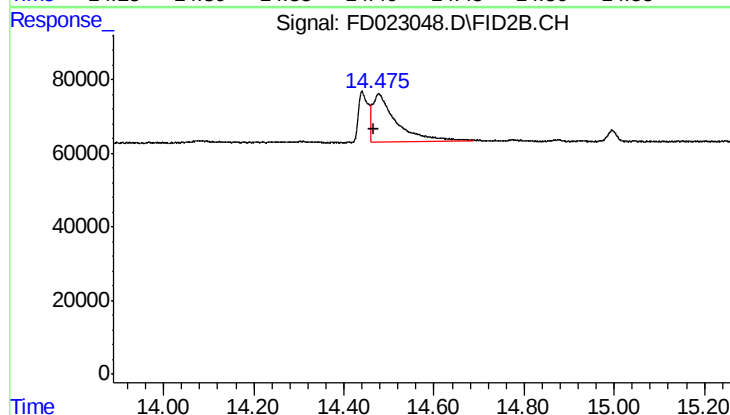
R.T.: 12.553 min
Delta R.T.: 0.012 min
Response: 225245
Conc: 1.60 ug/ml

Instrument :
FID_D
ClientSampleId :



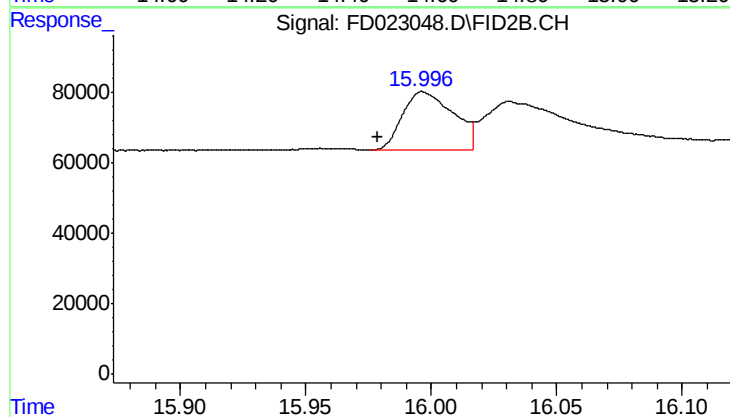
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: 0.017 min
Response: 202668
Conc: 1.63 ug/ml



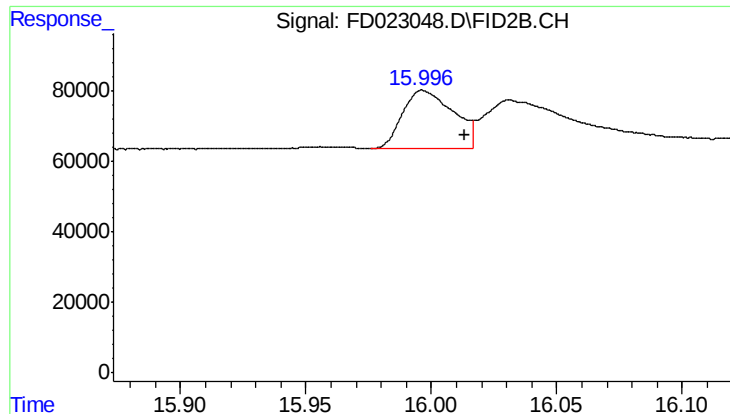
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: 0.011 min
Response: 476411
Conc: 3.08 ug/ml



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

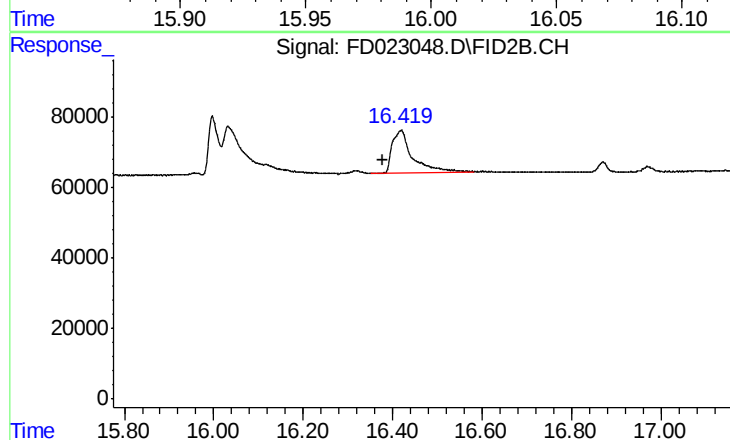
R.T.: 15.997 min
Delta R.T.: 0.018 min
Response: 232096
Conc: 1.72 ug/ml



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

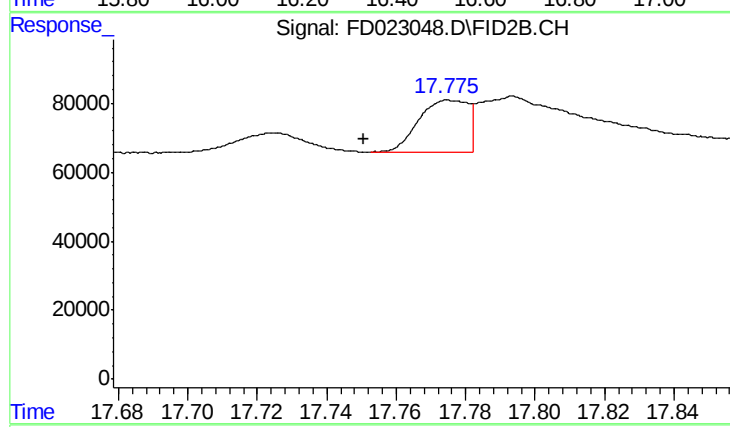
R.T.: 15.997 min
Delta R.T.: -0.017 min
Response: 232096
Conc: 1.41 ug/ml

Instrument :
FID_D
ClientSampleId :



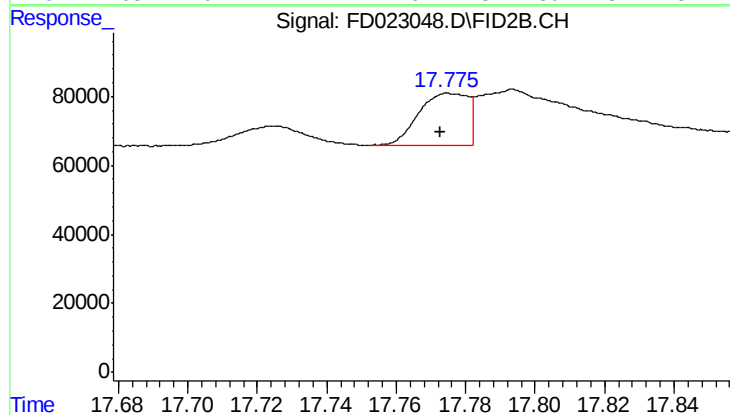
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.419 min
Delta R.T.: 0.040 min
Response: 405171
Conc: 2.81 ug/ml



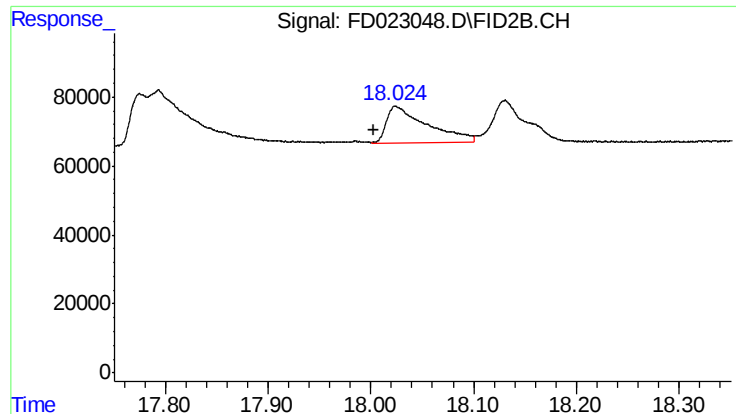
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.776 min
Delta R.T.: 0.025 min
Response: 148711
Conc: 1.15 ug/ml



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

R.T.: 17.776 min
Delta R.T.: 0.003 min
Response: 148711
Conc: 0.89 ug/ml



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

R.T.: 18.024 min
Delta R.T.: 0.021 min
Response: 300318
Conc: 2.03 ug/ml

Instrument :
FID_D
ClientSampleId :