

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110819AR\
 Data File : FD031396.D
 Signal(s) : FID2B.CH
 Acq On : 09 Nov 2019 1:13
 Operator : DD\AJ
 Sample : K5725-09DL
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SO-4DL

Integration File: autoint1.e
 Quant Time: Nov 09 02:45:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.636	1022028	8.586 ug/ml
Spiked Amount 50.000		Recovery =	17.17%
6) S 2-Fluorobiphenyl (SURR)	8.495	565261	6.861 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	13.72%
11) S ortho-Terphenyl (SURR)	11.537	747495	5.841 ug/ml
Spiked Amount 50.000		Recovery =	11.68%
Target Compounds			
2) T Naphthalene (C11.7)	5.975	71439	0.555 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	334768	2.607 ug/ml
5) T Acenaphthylene (C15.06)	8.294	220934	1.755 ug/ml
7) T Acenaphthene (C15.5)	8.594	97666	0.746 ug/ml
8) T Flouorene (C16.55)	9.402	141200	1.080 ug/ml
9) T Phenanthrene (C19.36)	10.768	683532	5.188 ug/ml
10) T Anthracene (C19.43)	10.843	239800	1.860 ug/ml
12) T Fluoranthene (C21.85)	12.577	933629	7.045 ug/ml
13) T Pyrene (C20.8)	12.873	722176	5.484 ug/ml
14) T Benzo[a]anthracene (C...	14.780	416132	3.287 ug/ml
15) T Chrysene (C27.41)	14.780	416132	3.281 ug/ml
16) T benzo[b]fluoranthene ...	16.315	204901	1.632 ug/ml
17) T Bnezo[k]fluoranthene ...	16.315	204901	1.628 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.663	414789	3.342 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.021	288855	2.375 ug/ml
21) T Benzo[g,h,i]perylene ...	18.274	257317	2.133 ug/ml

(f)=RT Delta > 1/2 Window

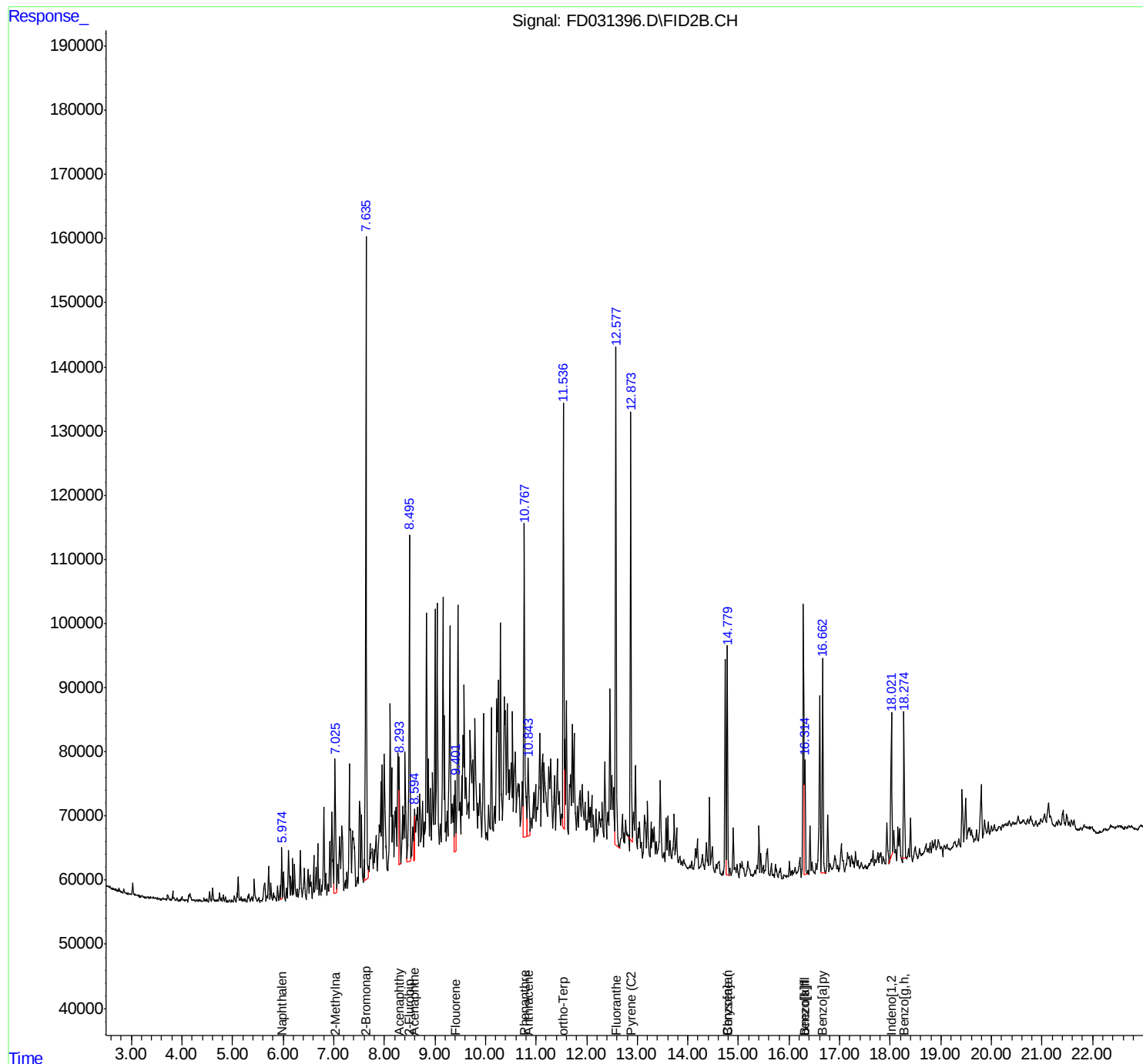
(m)=manual int.

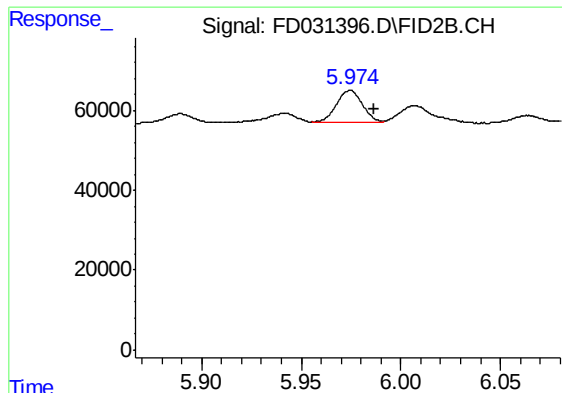
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Signal Info : 20M x 0.18mm x 0.18µm

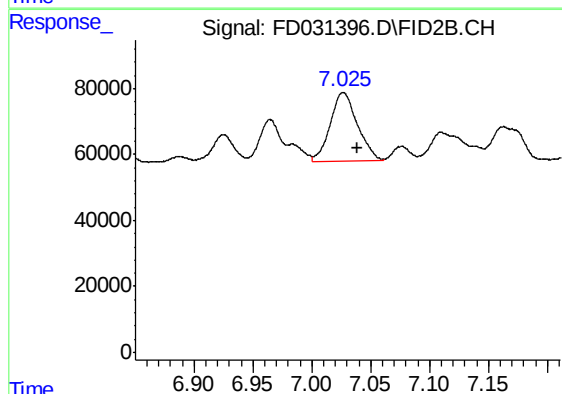




#2 Naphthalene (C11.7)

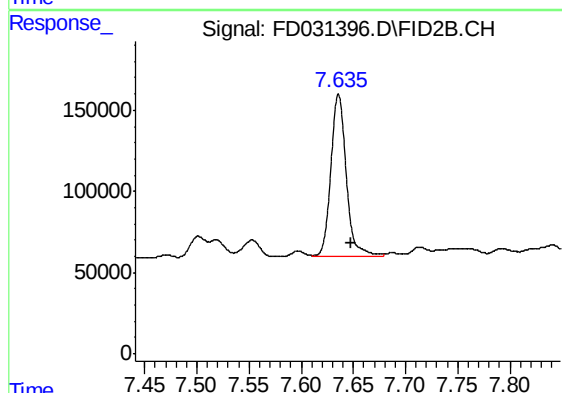
R.T.: 5.975 min
Delta R.T.: -0.012 min
Response: 71439
Conc: 0.55 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-4DL



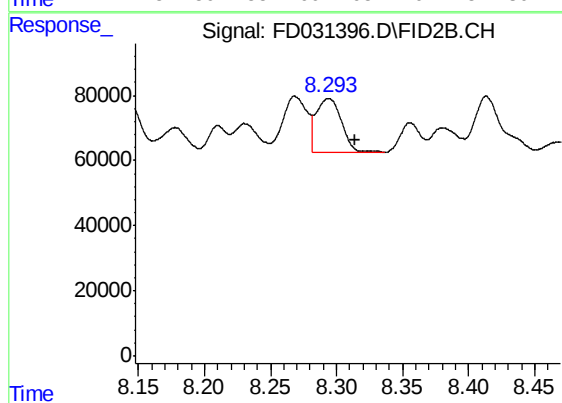
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.012 min
Response: 334768
Conc: 2.61 ug/ml



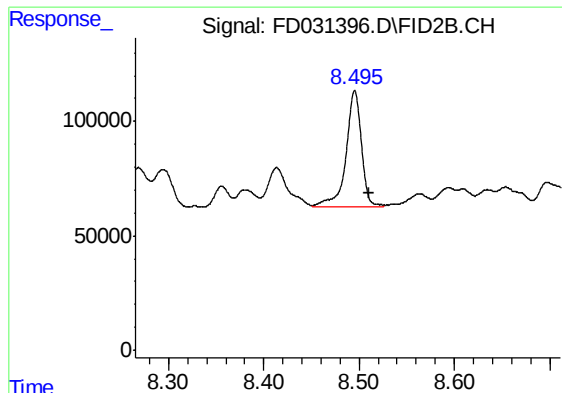
#4 2-Bromonaphthalene (SURR)

R.T.: 7.636 min
Delta R.T.: -0.012 min
Response: 1022028
Conc: 8.59 ug/ml



#5 Acenaphthylene (C15.06)

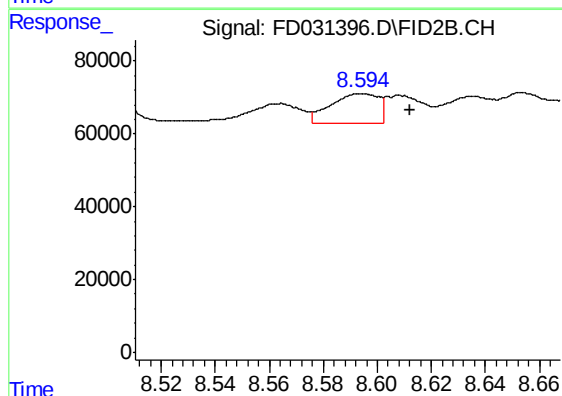
R.T.: 8.294 min
Delta R.T.: -0.020 min
Response: 220934
Conc: 1.75 ug/ml



#6 2-Fluorobiphenyl (SURR)

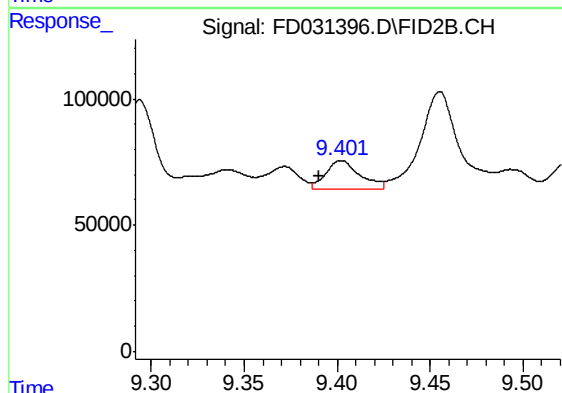
R.T.: 8.495 min
Delta R.T.: -0.015 min
Response: 565261
Conc: 6.86 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-4DL



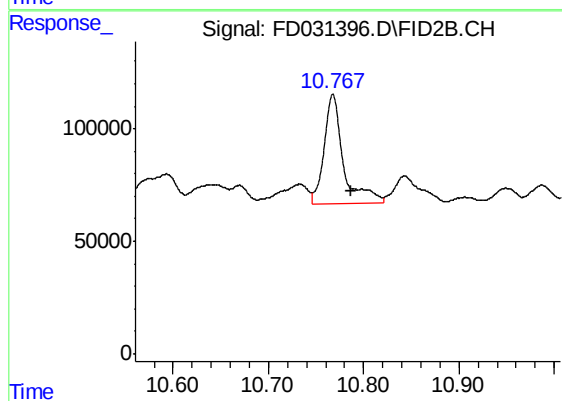
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: -0.018 min
Response: 97666
Conc: 0.75 ug/ml



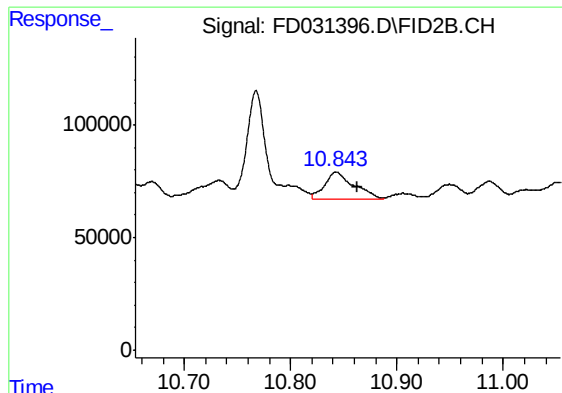
#8 Flouorene (C16.55)

R.T.: 9.402 min
Delta R.T.: 0.012 min
Response: 141200
Conc: 1.08 ug/ml



#9 Phenanthrene (C19.36)

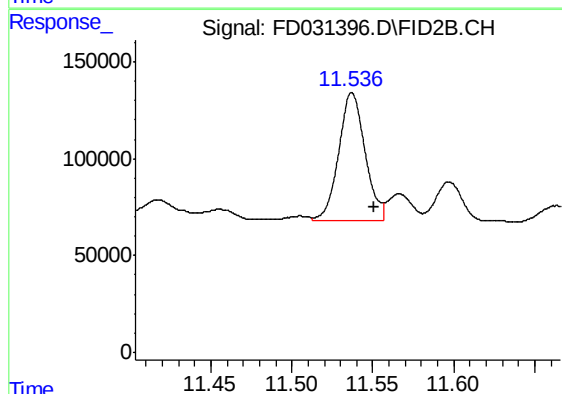
R.T.: 10.768 min
Delta R.T.: -0.019 min
Response: 683532
Conc: 5.19 ug/ml



#10 Anthracene (C19.43)

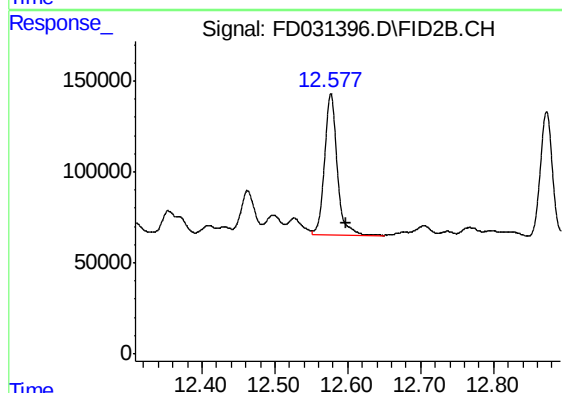
R.T.: 10.843 min
Delta R.T.: -0.020 min
Response: 239800
Conc: 1.86 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-4DL



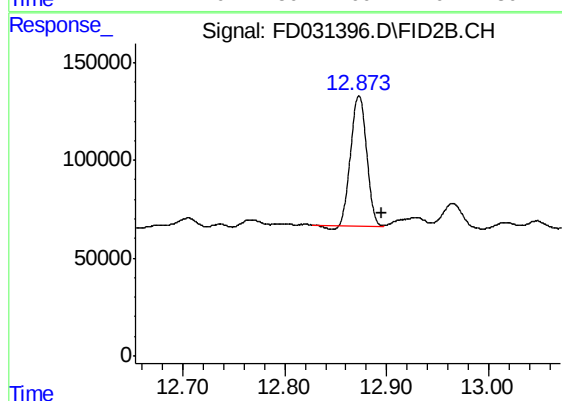
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.014 min
Response: 747495
Conc: 5.84 ug/ml



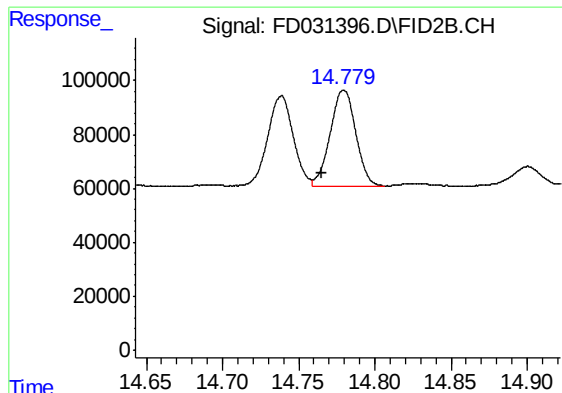
#12 Fluoranthene (C21.85)

R.T.: 12.577 min
Delta R.T.: -0.021 min
Response: 933629
Conc: 7.04 ug/ml



#13 Pyrene (C20.8)

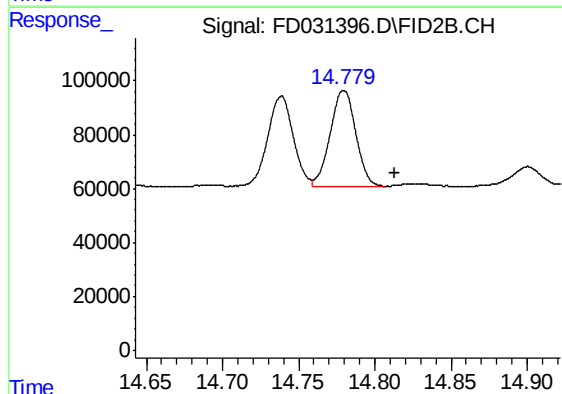
R.T.: 12.873 min
Delta R.T.: -0.023 min
Response: 722176
Conc: 5.48 ug/ml



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

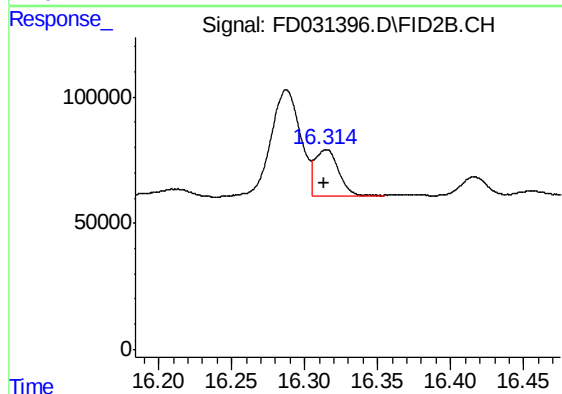
R.T.: 14.780 min
Delta R.T.: 0.015 min
Response: 416132
Conc: 3.29 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-4DL



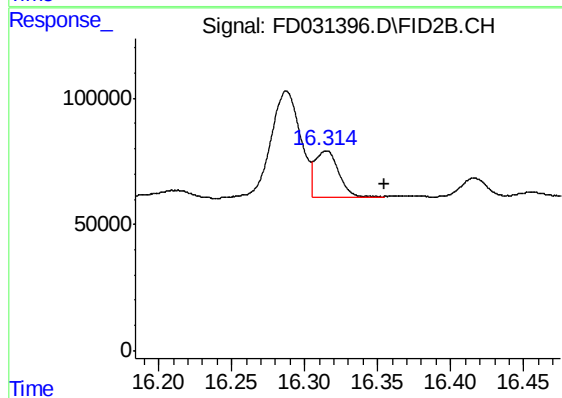
#15 Chrysene (C27.41)

R.T.: 14.780 min
Delta R.T.: -0.033 min
Response: 416132
Conc: 3.28 ug/ml



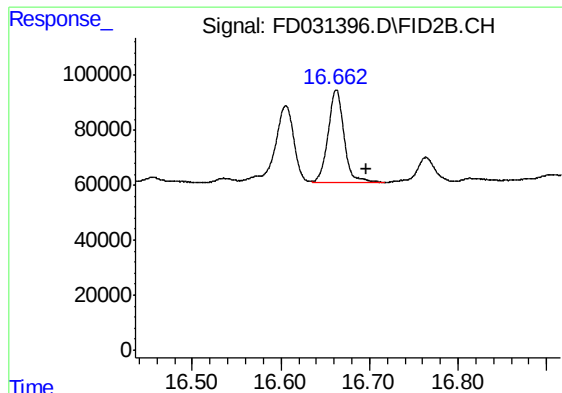
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.315 min
Delta R.T.: 0.001 min
Response: 204901
Conc: 1.63 ug/ml



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

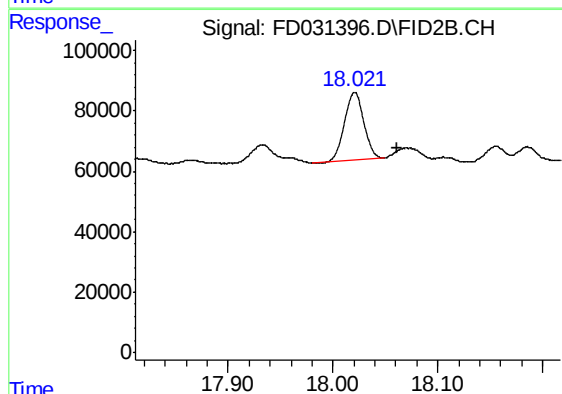
R.T.: 16.315 min
Delta R.T.: -0.040 min
Response: 204901
Conc: 1.63 ug/ml



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

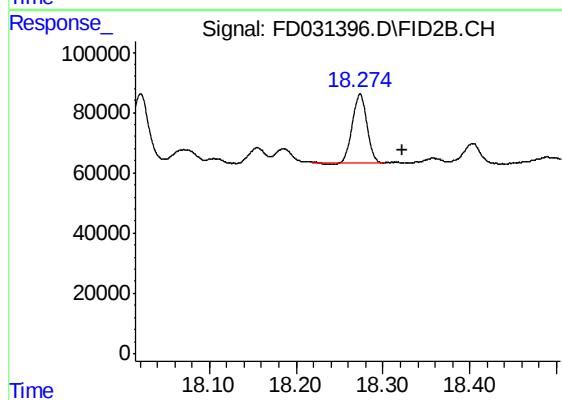
R.T.: 16.663 min
Delta R.T.: -0.034 min
Response: 414789
Conc: 3.34 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-4DL



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

R.T.: 18.021 min
Delta R.T.: -0.040 min
Response: 288855
Conc: 2.37 ug/ml



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

R.T.: 18.274 min
Delta R.T.: -0.049 min
Response: 257317
Conc: 2.13 ug/ml