

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050621AR\
 Data File : FD037387.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2021 19:01
 Operator : DD\AJ
 Sample : M2279-06MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 07 05:41:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 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...	7.569	4224290	35.727 ug/ml
Spiked Amount 50.000		Recovery =	71.45%
6) S 2-Fluorobiphenyl (SURR)	8.431	2157102	27.955 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	55.91%
11) S ortho-Terphenyl (SURR)	11.472	2981349	24.137 ug/ml
Spiked Amount 50.000		Recovery =	48.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.368	3117531	23.445 ug/ml
2) T Naphthalene (C11.7)	5.906	3697850	26.900 ug/ml
3) T 2-Methylnaphthalene (...)	6.959	3854171	28.741 ug/ml
5) T Acenaphthylene (C15.06)	8.235	4103043	32.803 ug/ml
7) T Acenaphthene (C15.5)	8.531	3996289	30.925 ug/ml
8) T Flouorene (C16.55)	9.311	4067840	33.210 ug/ml
9) T Phenanthrene (C19.36)	10.708	4029920	34.187 ug/ml
10) T Anthracene (C19.43)	10.783	3864485	33.550 ug/ml
12) T Fluoranthene (C21.85)	12.520	4054616	34.766 ug/ml
13) T Pyrene (C20.8)	12.817	4071984	35.371 ug/ml
14) T Benzo[a]anthracene (C...	14.688	3868990	35.153 ug/ml
15) T Chrysene (C27.41)	14.732	4280117	37.809 ug/ml
16) T benzo[b]fluoranthene ...	16.240	4057031	36.170 ug/ml
17) T Bnezo[k]fluoranthene ...	16.274	3911573	36.317 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	3978773	38.443 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.985	3810061	35.817 ug/ml
20) T Dibenz[a,h]anthracene...	18.023	3768881	36.071 ug/ml
21) T Benzo[g,h,i]perylene ...	18.242	3853995	36.082 ug/ml

(f)=RT Delta > 1/2 Window

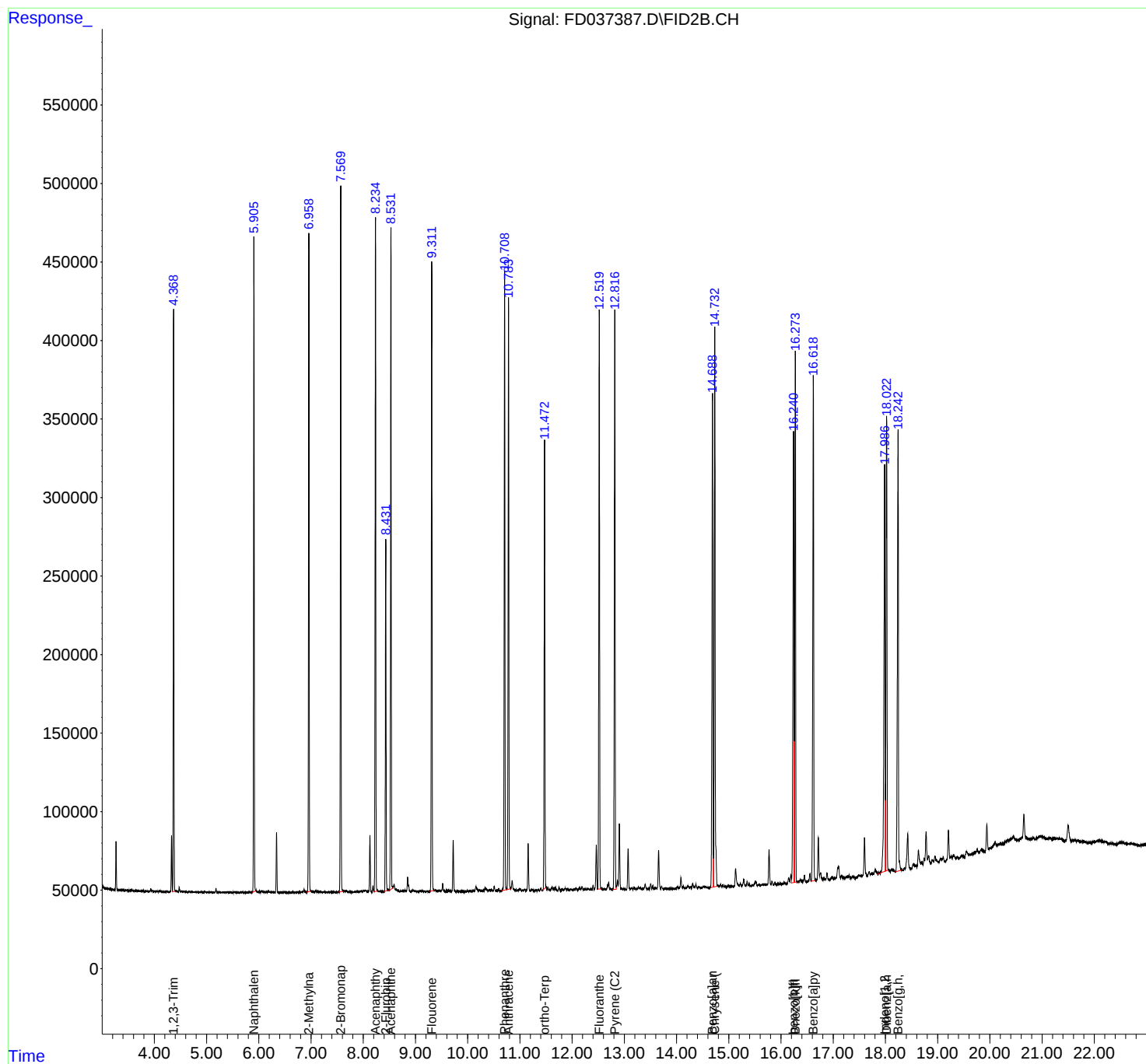
(m)=manual int.

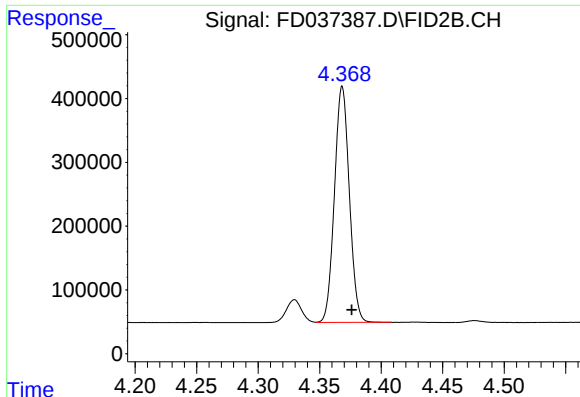
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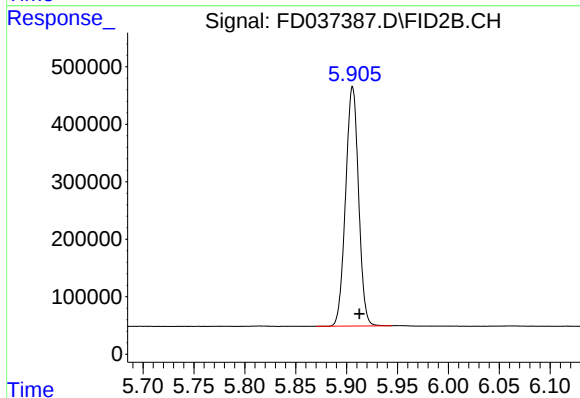




#1 1,2,3-Trimethylbenzene (C10.1)

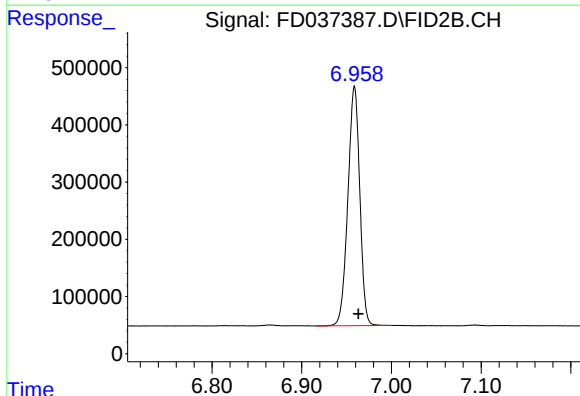
R.T.: 4.368 min
Delta R.T.: -0.008 min
Response: 3117531
Conc: 23.44 ug/ml

Instrument :
FID_D
ClientSampleId :



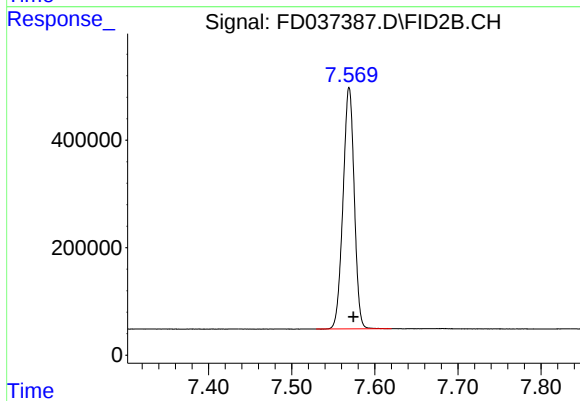
#2 Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.007 min
Response: 3697850
Conc: 26.90 ug/ml



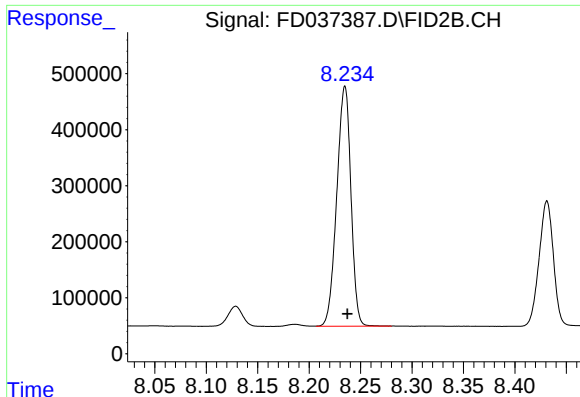
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.959 min
Delta R.T.: -0.004 min
Response: 3854171
Conc: 28.74 ug/ml



#4 2-Bromonaphthalene (SURR)

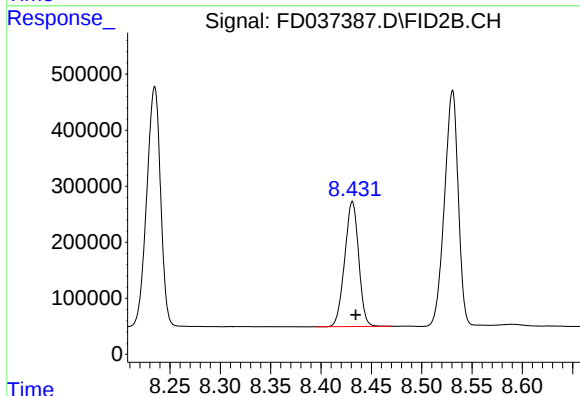
R.T.: 7.569 min
Delta R.T.: -0.005 min
Response: 4224290
Conc: 35.73 ug/ml



#5 Acenaphthylene (C15.06)

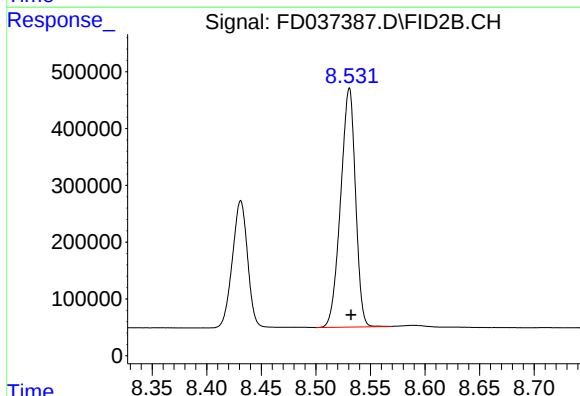
R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 4103043
Conc: 32.80 ug/ml

Instrument :
FID_D
ClientSampleId :



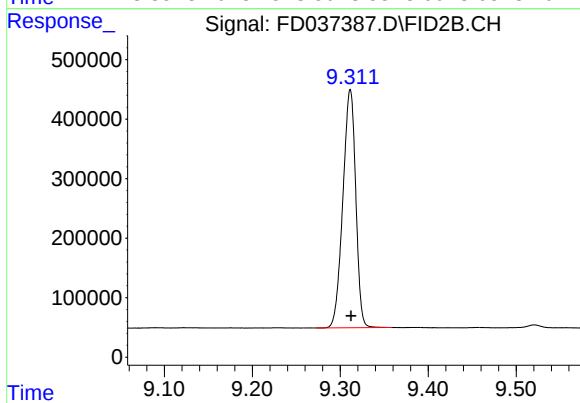
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.431 min
Delta R.T.: -0.003 min
Response: 2157102
Conc: 27.96 ug/ml



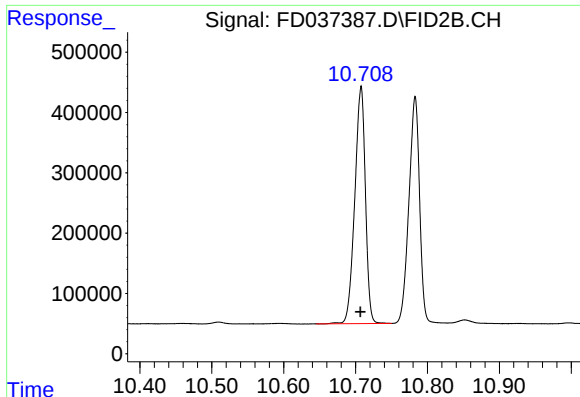
#7 Acenaphthene (C15.5)

R.T.: 8.531 min
Delta R.T.: -0.001 min
Response: 3996289
Conc: 30.92 ug/ml



#8 Flouorene (C16.55)

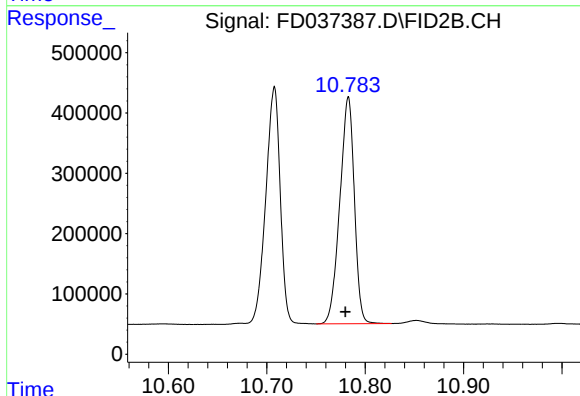
R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 4067840
Conc: 33.21 ug/ml



#9 Phenanthrene (C19.36)

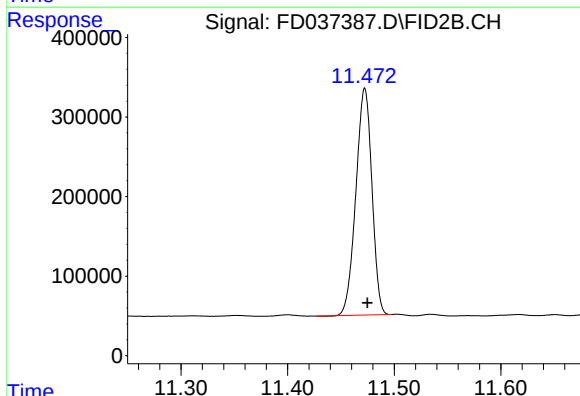
R.T.: 10.708 min
Delta R.T.: 0.001 min
Response: 4029920
Conc: 34.19 ug/ml

Instrument :
FID_D
ClientSampleId :



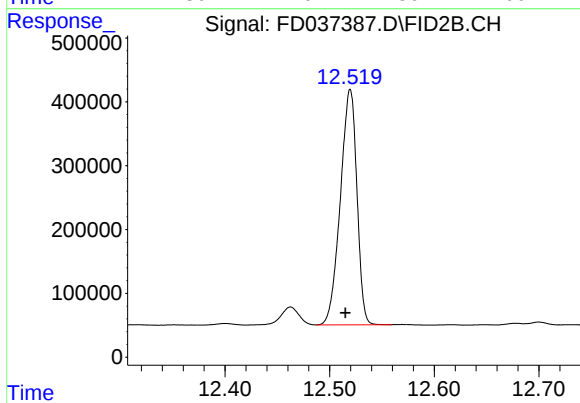
#10 Anthracene (C19.43)

R.T.: 10.783 min
Delta R.T.: 0.003 min
Response: 3864485
Conc: 33.55 ug/ml



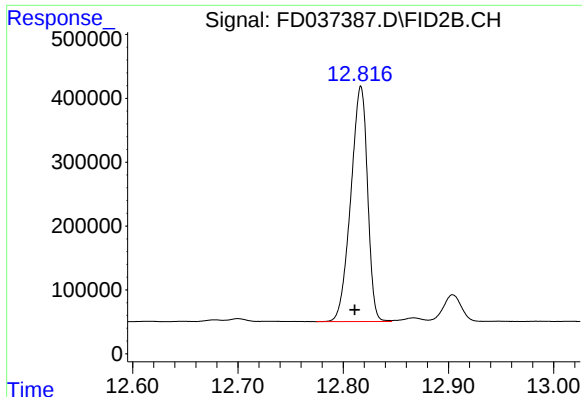
#11 ortho-Terphenyl (SURR)

R.T.: 11.472 min
Delta R.T.: -0.002 min
Response: 2981349
Conc: 24.14 ug/ml



#12 Fluoranthene (C21.85)

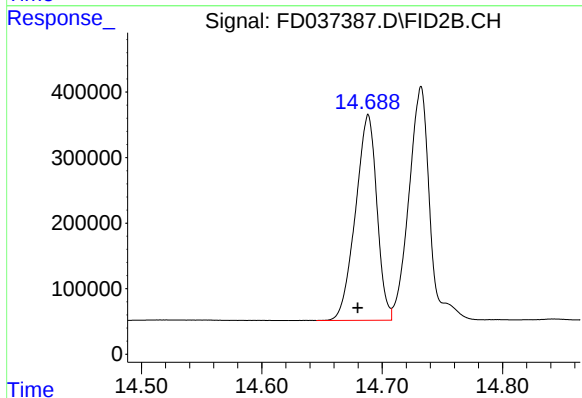
R.T.: 12.520 min
Delta R.T.: 0.004 min
Response: 4054616
Conc: 34.77 ug/ml



#13 Pyrene (C20.8)

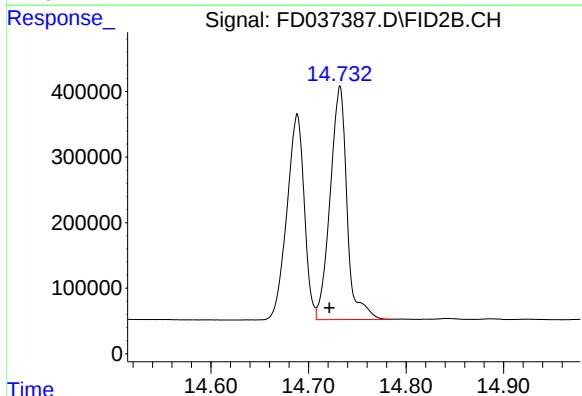
R.T.: 12.817 min
Delta R.T.: 0.006 min
Response: 4071984
Conc: 35.37 ug/ml

Instrument :
FID_D
ClientSampleId :



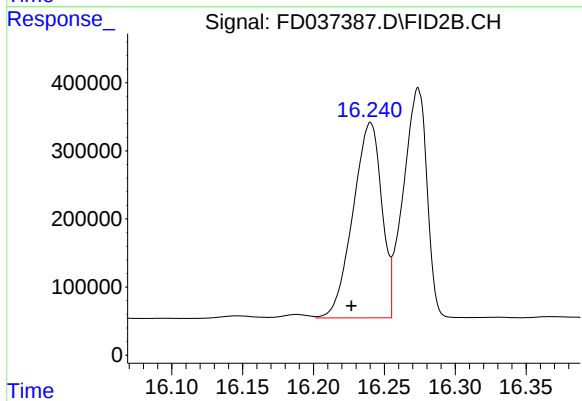
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.688 min
Delta R.T.: 0.009 min
Response: 3868990
Conc: 35.15 ug/ml



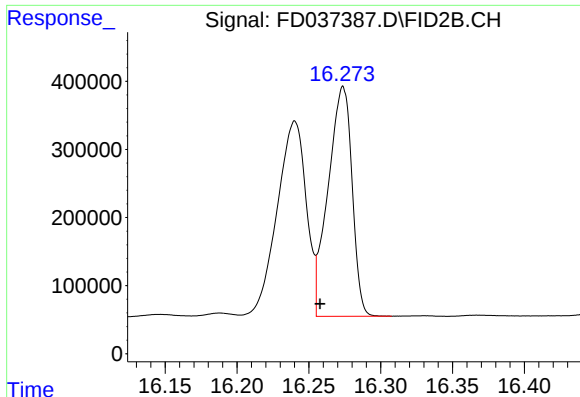
#15 Chrysene (C27.41)

R.T.: 14.732 min
Delta R.T.: 0.011 min
Response: 4280117
Conc: 37.81 ug/ml



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

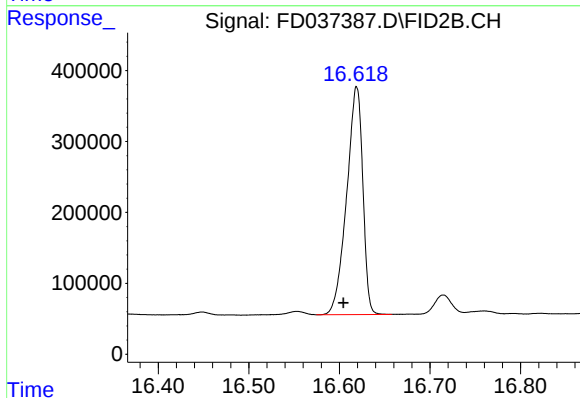
R.T.: 16.240 min
Delta R.T.: 0.013 min
Response: 4057031
Conc: 36.17 ug/ml



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

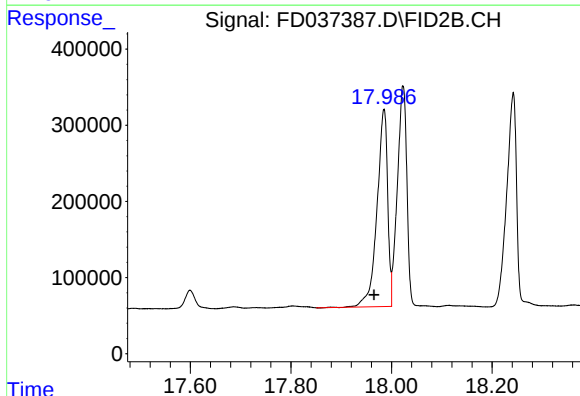
R.T.: 16.274 min
Delta R.T.: 0.016 min
Response: 3911573
Conc: 36.32 ug/ml

Instrument :
FID_D
ClientSampleId :



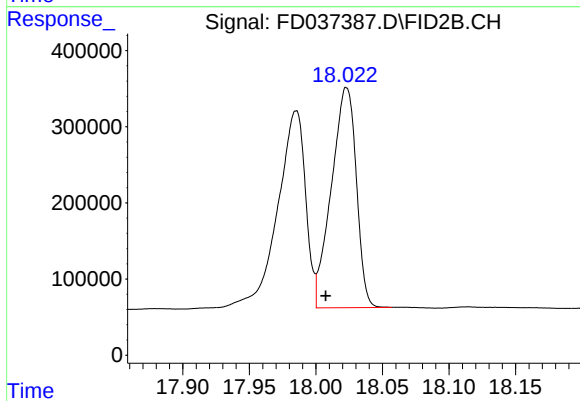
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min
Delta R.T.: 0.015 min
Response: 3978773
Conc: 38.44 ug/ml



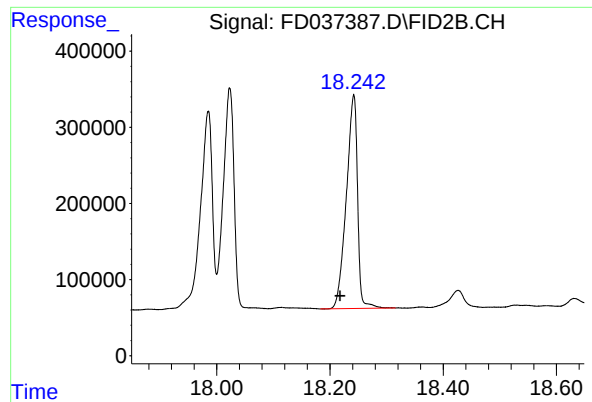
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.985 min
Delta R.T.: 0.020 min
Response: 3810061
Conc: 35.82 ug/ml



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

R.T.: 18.023 min
Delta R.T.: 0.016 min
Response: 3768881
Conc: 36.07 ug/ml



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

R.T.: 18.242 min
Delta R.T.: 0.024 min
Response: 3853995
Conc: 36.08 ug/ml

Instrument :
FID_D
ClientSampleId :