

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062322AR\
 Data File : FD043020.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jun 2022 22:19
 Operator : UA/NP
 Sample : N3422-05MSD 10X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 24 02:20:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.645	689475	4.512 ug/ml
Spiked Amount 50.000		Recovery =	9.02%
11) S ortho-Terphenyl (SURR)	11.558	784735	4.420 ug/ml
Spiked Amount 50.000		Recovery =	8.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.438	437190	2.611 ug/ml
2) T Naphthalene (C11.7)	5.981	616833	3.568 ug/ml
3) T 2-Methylnaphthalene (...)	7.034	673939	4.226 ug/ml
7) T Acenaphthene (C15.5)	8.609	731269	4.250 ug/ml
8) T Flouorene (C16.55)	9.392	780262	4.648 ug/ml
9) T Phenanthrene (C19.36)	10.791	802061	4.877 ug/ml
10) T Anthracene (C19.43)	10.865	722833	4.729 ug/ml
12) T Fluoranthene (C21.85)	12.606	762902	4.842 ug/ml
13) T Pyrene (C20.8)	12.904	779661	5.008 ug/ml
14) T Benzo[a]anthracene (C...	14.779	803054	6.023 ug/ml
15) T Chrysene (C27.41)	14.820	936288	7.087 ug/ml
16) T benzo[b]fluoranthene ...	16.332	740466	5.558 ug/ml
17) T Bnezo[k]fluoranthene ...	16.362	719328	5.808 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.711	616909	4.984 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.077	640492	5.746 ug/ml
20) T Dibenz[a,h]anthracene...	18.116	638940	5.744 ug/ml
21) T Benzo[g,h,i]perylene ...	18.330	591379	4.976 ug/ml

(f)=RT Delta > 1/2 Window

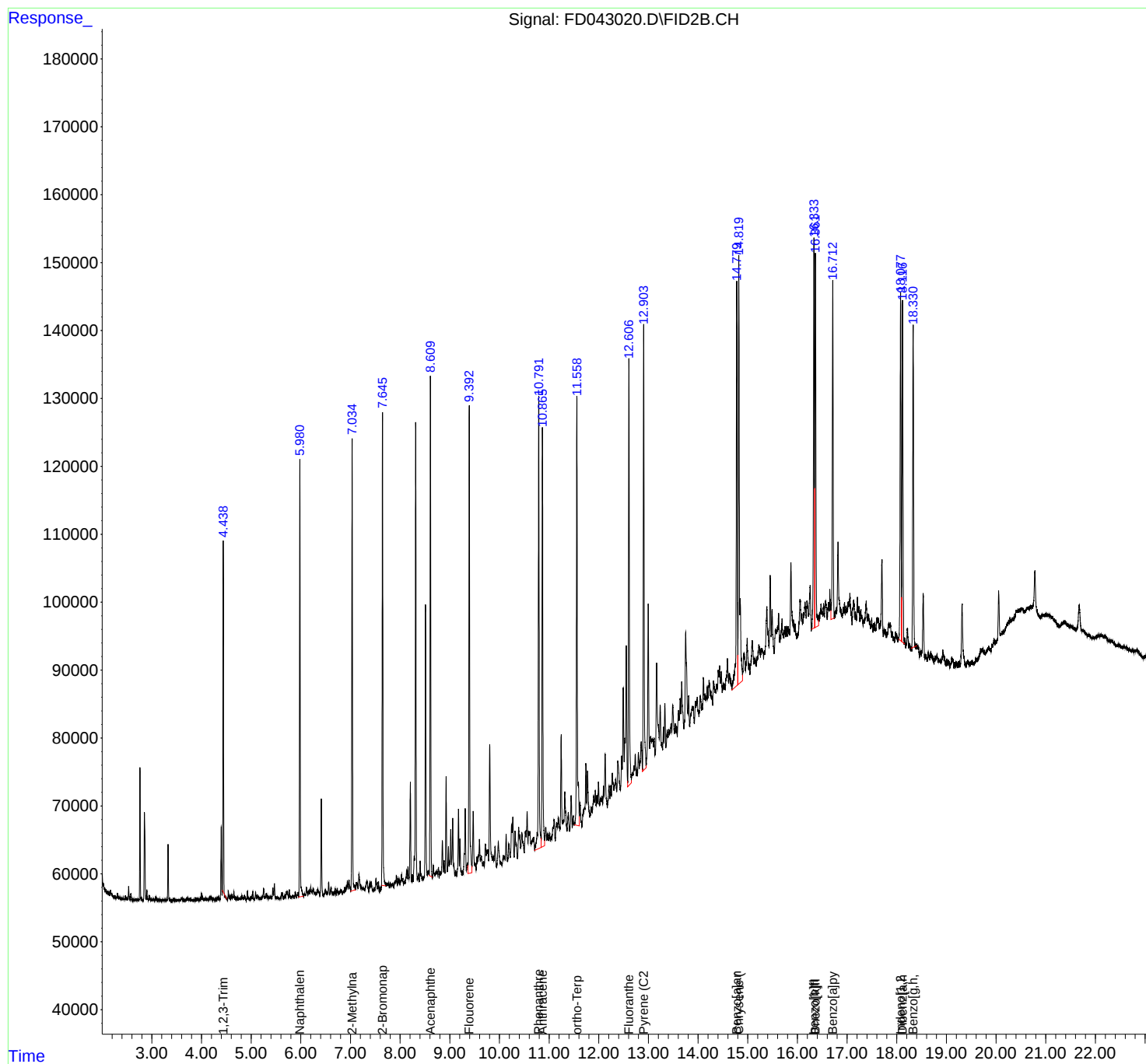
(m)=manual int.

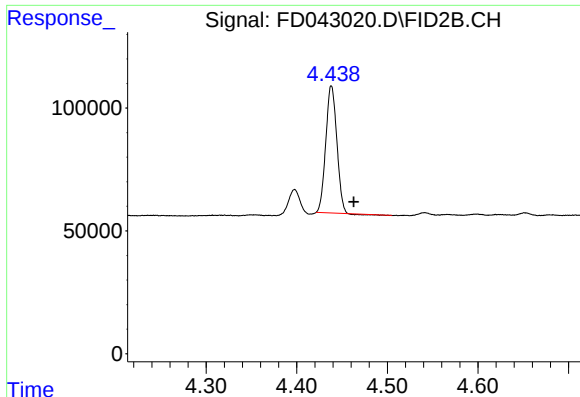
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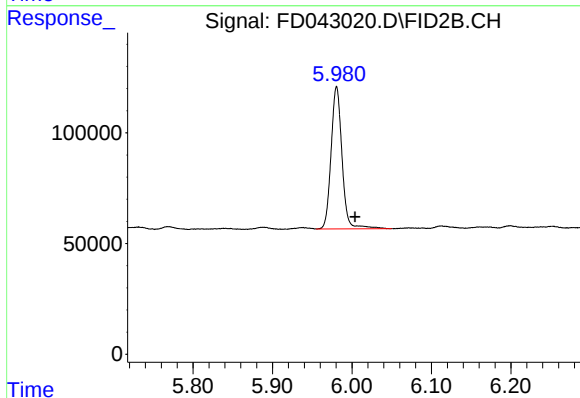




#1 1,2,3-Trimethylbenzene (C10.1)

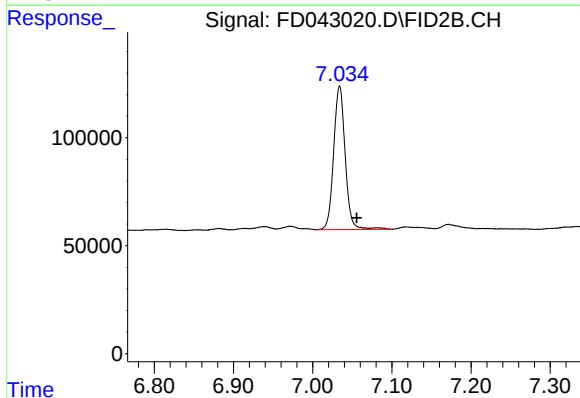
R.T.: 4.438 min
Delta R.T.: -0.025 min
Response: 437190
Conc: 2.61 ug/ml

Instrument :
FID_D
ClientSampleId :



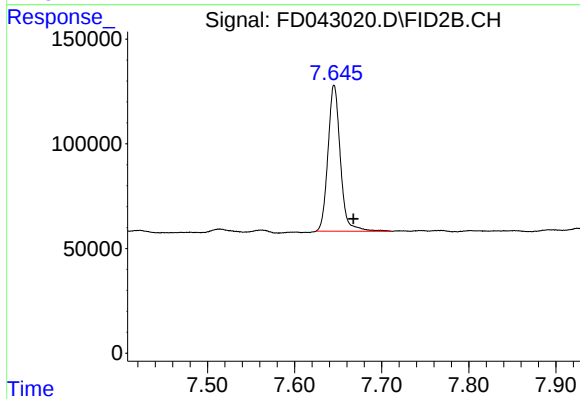
#2 Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: -0.023 min
Response: 616833
Conc: 3.57 ug/ml



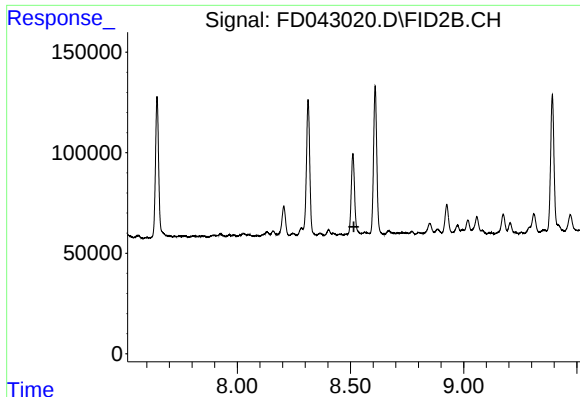
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.022 min
Response: 673939
Conc: 4.23 ug/ml



#4 2-Bromonaphthalene (SURR)

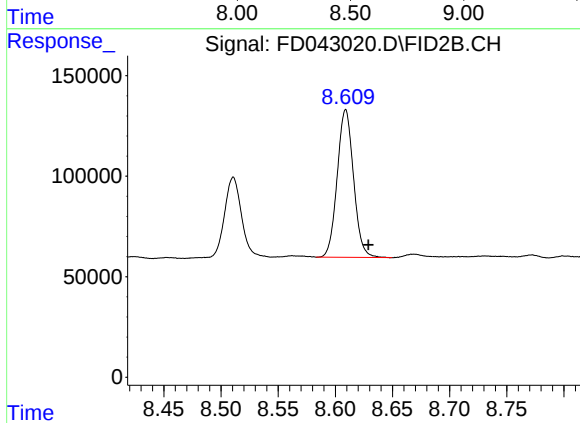
R.T.: 7.645 min
Delta R.T.: -0.022 min
Response: 689475
Conc: 4.51 ug/ml



#6 2-Fluorobiphenyl (SURR)

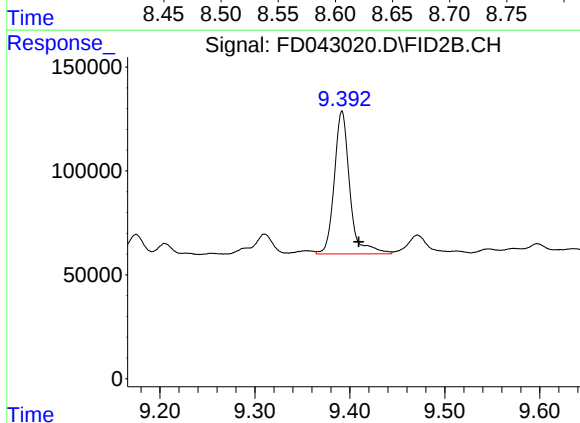
R.T.: 0.000 min
Exp R.T.: 8.515 min
Response: 0
Conc: N.D.

Instrument :
FID_D
ClientSampleId :



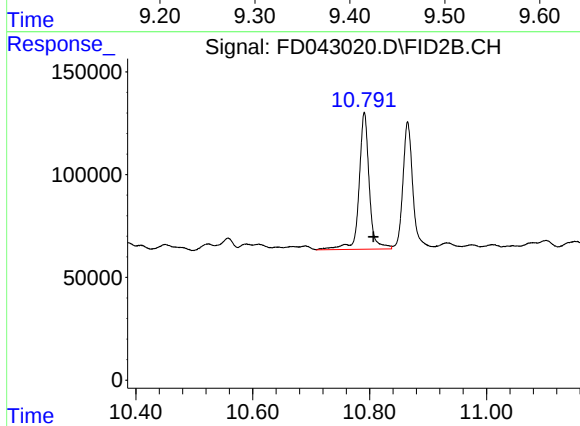
#7 Acenaphthene (C15.5)

R.T.: 8.609 min
Delta R.T.: -0.020 min
Response: 731269
Conc: 4.25 ug/ml



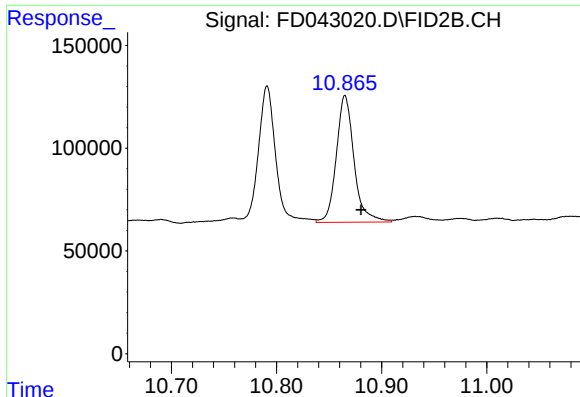
#8 Flouorene (C16.55)

R.T.: 9.392 min
Delta R.T.: -0.018 min
Response: 780262
Conc: 4.65 ug/ml



#9 Phenanthrene (C19.36)

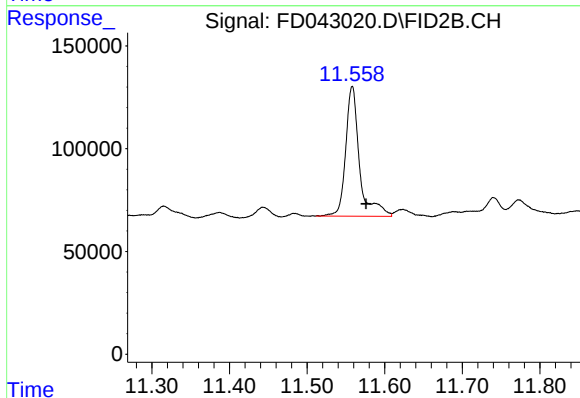
R.T.: 10.791 min
Delta R.T.: -0.016 min
Response: 802061
Conc: 4.88 ug/ml



#10 Anthracene (C19.43)

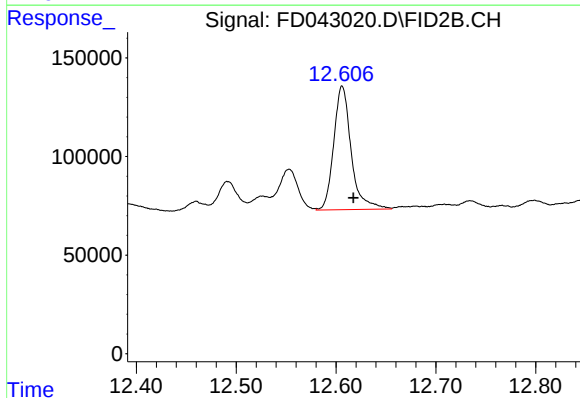
R.T.: 10.865 min
Delta R.T.: -0.015 min
Response: 722833
Conc: 4.73 ug/ml

Instrument :
FID_D
ClientSampleId :



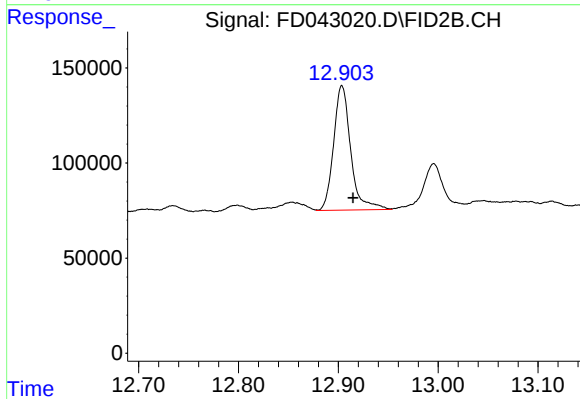
#11 ortho-Terphenyl (SURR)

R.T.: 11.558 min
Delta R.T.: -0.018 min
Response: 784735
Conc: 4.42 ug/ml



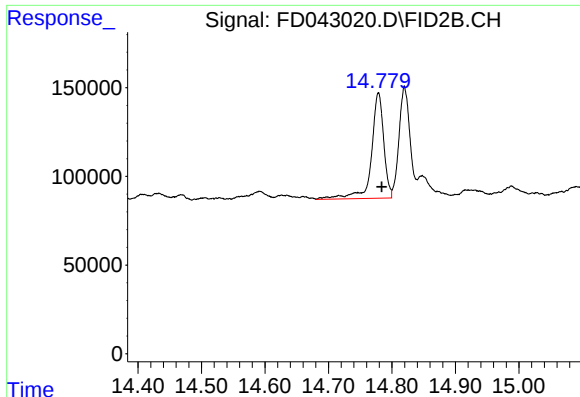
#12 Fluoranthene (C21.85)

R.T.: 12.606 min
Delta R.T.: -0.011 min
Response: 762902
Conc: 4.84 ug/ml



#13 Pyrene (C20.8)

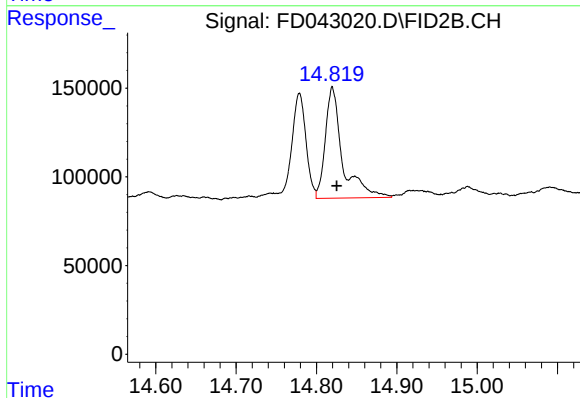
R.T.: 12.904 min
Delta R.T.: -0.011 min
Response: 779661
Conc: 5.01 ug/ml



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

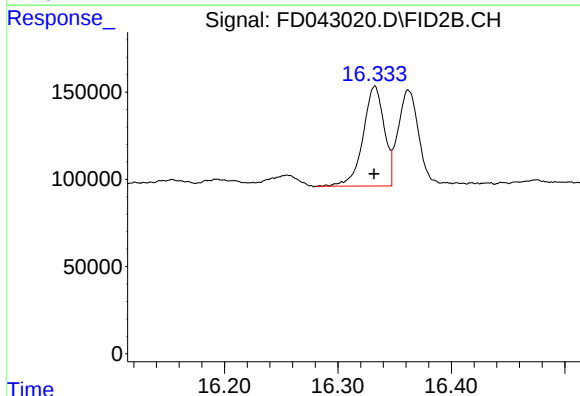
R.T.: 14.779 min
Delta R.T.: -0.006 min
Response: 803054
Conc: 6.02 ug/ml

Instrument :
FID_D
ClientSampleId :



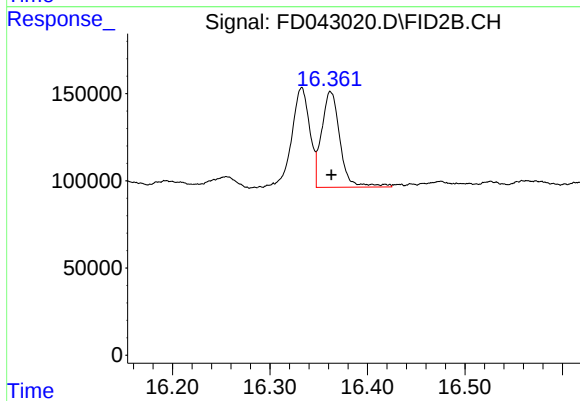
#15 Chrysene (C27.41)

R.T.: 14.820 min
Delta R.T.: -0.005 min
Response: 936288
Conc: 7.09 ug/ml



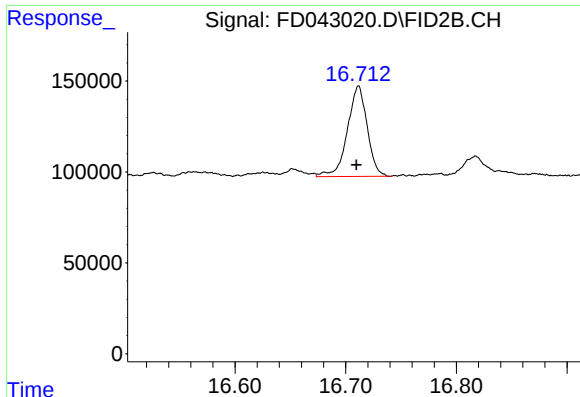
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.332 min
Delta R.T.: 0.000 min
Response: 740466
Conc: 5.56 ug/ml



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

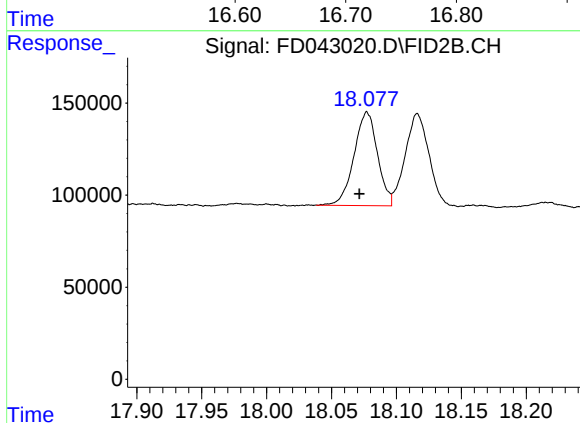
R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 719328
Conc: 5.81 ug/ml



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

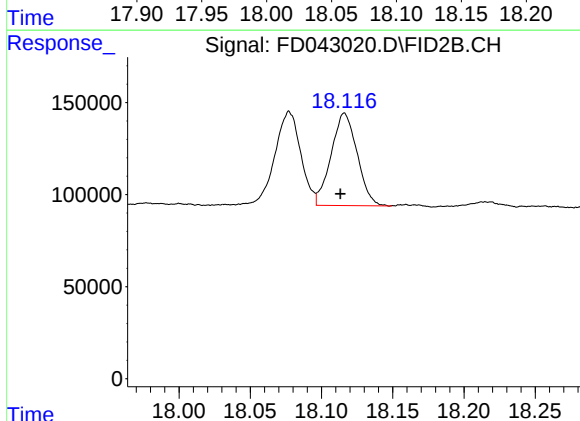
R.T.: 16.711 min
Delta R.T.: 0.002 min
Response: 616909
Conc: 4.98 ug/ml

Instrument :
FID_D
ClientSampleId :



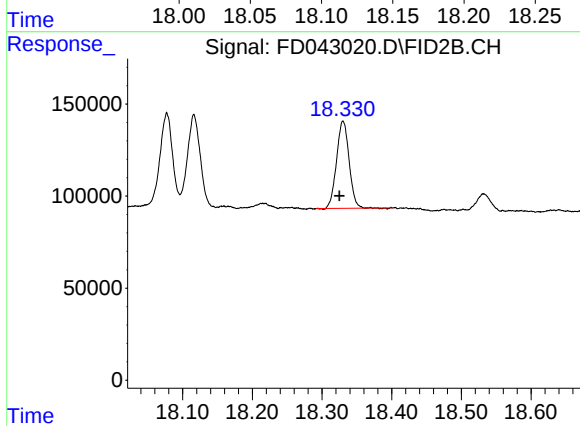
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.077 min
Delta R.T.: 0.006 min
Response: 640492
Conc: 5.75 ug/ml



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

R.T.: 18.116 min
Delta R.T.: 0.003 min
Response: 638940
Conc: 5.74 ug/ml



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

R.T.: 18.330 min
Delta R.T.: 0.005 min
Response: 591379
Conc: 4.98 ug/ml