

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072221AR\
 Data File : FD038318.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jul 2021 13:38
 Operator : AJ\MA
 Sample : PB137865BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB137865BS

Integration File: autoint1.e
 Quant Time: Jul 23 01:40:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.515	6767999	51.930 ug/ml
Spiked Amount 50.000		Recovery =	103.86%
6) S 2-Fluorobiphenyl (SURR)	8.376	4468285	50.494 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.99%
11) S ortho-Terphenyl (SURR)	11.412	6520826	43.028 ug/ml
Spiked Amount 50.000		Recovery =	86.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.319	5339818	37.699 ug/ml
2) T Naphthalene (C11.7)	5.853	6191472	41.878 ug/ml
3) T 2-Methylnaphthalene (...)	6.904	6160303	41.975 ug/ml
5) T Acenaphthylene (C15.06)	8.178	6504122	43.601 ug/ml
7) T Acenaphthene (C15.5)	8.474	6870417	44.372 ug/ml
8) T Fluorene (C16.55)	9.255	6650376	45.367 ug/ml
9) T Phenanthrene (C19.36)	10.650	6514618	45.067 ug/ml
10) T Anthracene (C19.43)	10.726	6500854	45.952 ug/ml
12) T Fluoranthene (C21.85)	12.462	6556679	45.258 ug/ml
13) T Pyrene (C20.8)	12.759	6580404	46.181 ug/ml
14) T Benzo[a]anthracene (C...	14.631	6315999	49.468 ug/ml
15) T Chrysene (C27.41)	14.677	7140885	50.439 ug/ml
16) T benzo[b]fluoranthene ...	16.187	6586621	52.819 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	6547465	49.912 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	6515088	55.540 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.937	6022909	58.191 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	6296563	53.420 ug/ml
21) T Benzo[g,h,i]perylene ...	18.196	6340500	58.089 ug/ml

(f)=RT Delta > 1/2 Window

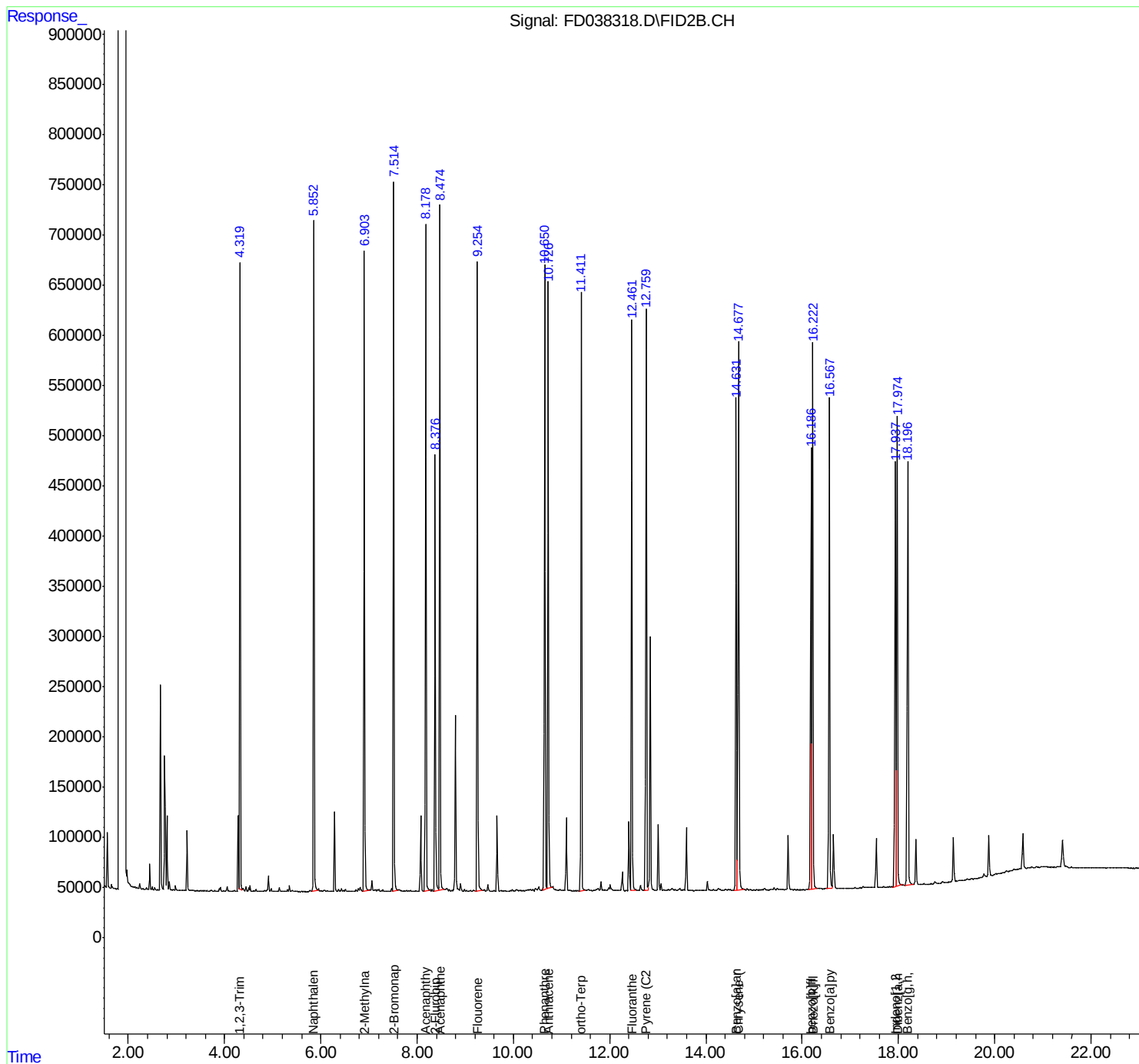
(m)=manual int.

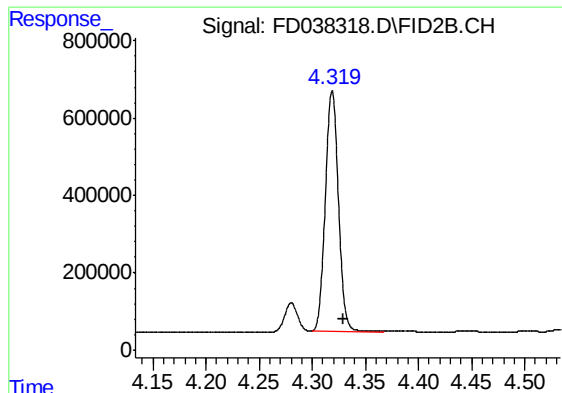
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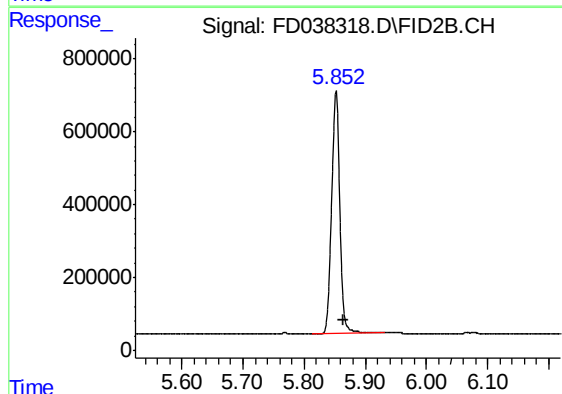




#1 1,2,3-Trimethylbenzene (C10.1)

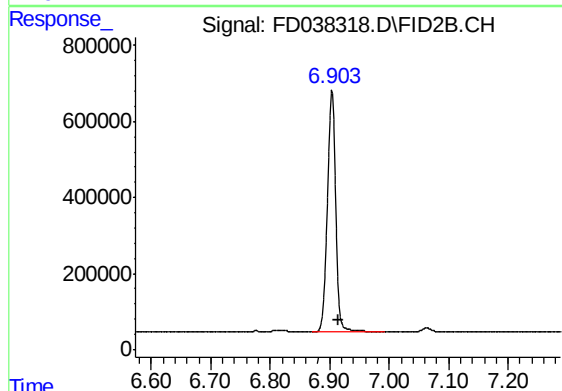
R.T.: 4.319 min
Delta R.T.: -0.010 min
Response: 5339818
Conc: 37.70 ug/ml

Instrument :
FID_D
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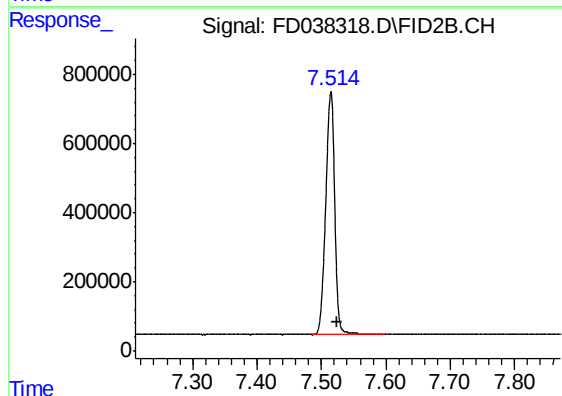
#2 Naphthalene (C11.7)

R.T.: 5.853 min
Delta R.T.: -0.011 min
Response: 6191472
Conc: 41.88 ug/ml



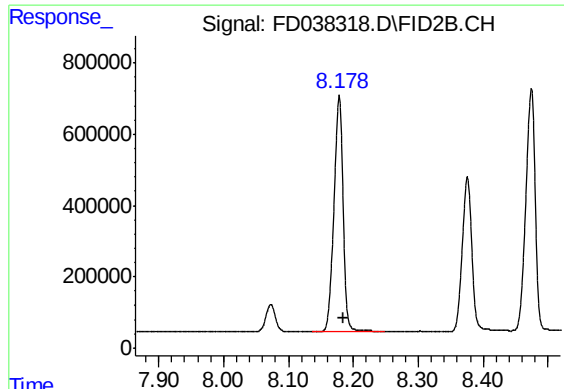
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.904 min
Delta R.T.: -0.010 min
Response: 6160303
Conc: 41.97 ug/ml



#4 2-Bromonaphthalene (SURR)

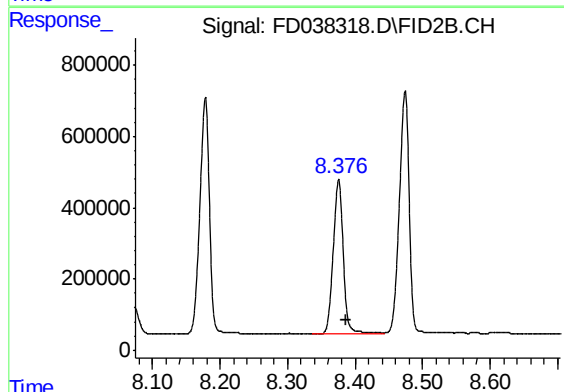
R.T.: 7.515 min
Delta R.T.: -0.010 min
Response: 6767999
Conc: 51.93 ug/ml



#5 Acenaphthylene (C15.06)

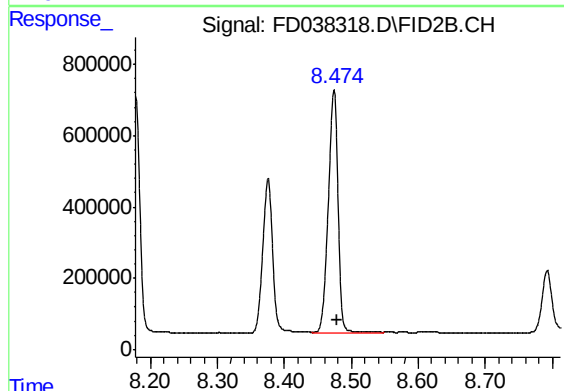
R.T.: 8.178 min
Delta R.T.: -0.007 min
Response: 6504122
Conc: 43.60 ug/ml

Instrument :
FID_D
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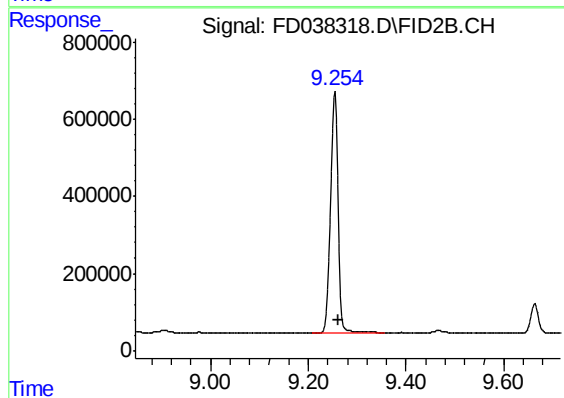
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.376 min
Delta R.T.: -0.010 min
Response: 4468285
Conc: 50.49 ug/ml



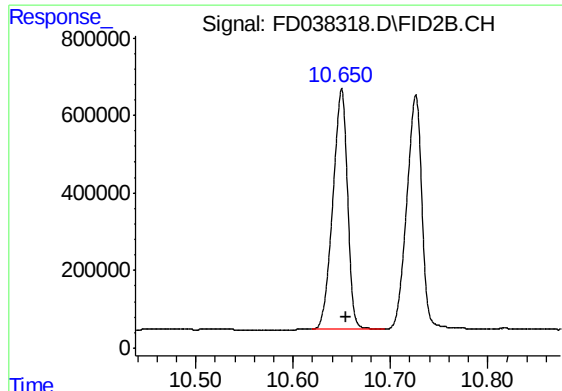
#7 Acenaphthene (C15.5)

R.T.: 8.474 min
Delta R.T.: -0.005 min
Response: 6870417
Conc: 44.37 ug/ml



#8 Fluorene (C16.55)

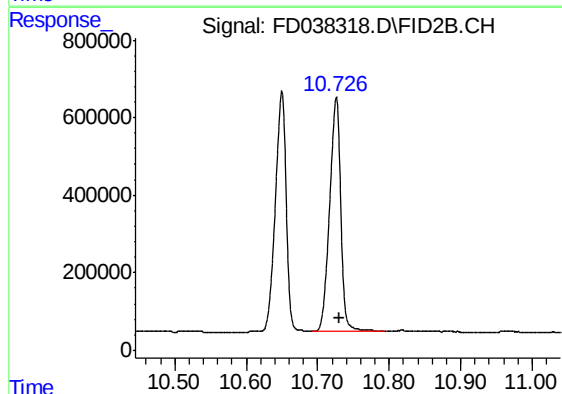
R.T.: 9.255 min
Delta R.T.: -0.007 min
Response: 6650376
Conc: 45.37 ug/ml



#9 Phenanthrene (C19.36)

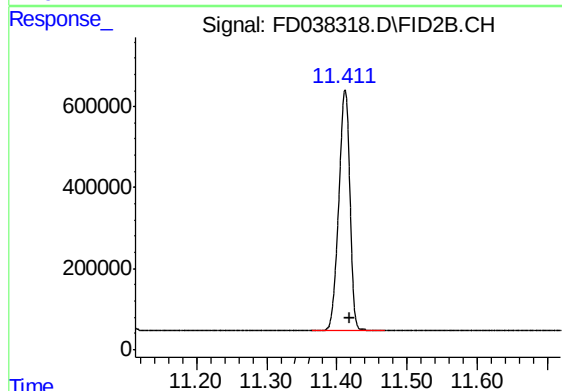
R.T.: 10.650 min
Delta R.T.: -0.005 min
Response: 6514618
Conc: 45.07 ug/ml

Instrument :
FID_D
ClientSampleId :
PB137865BS



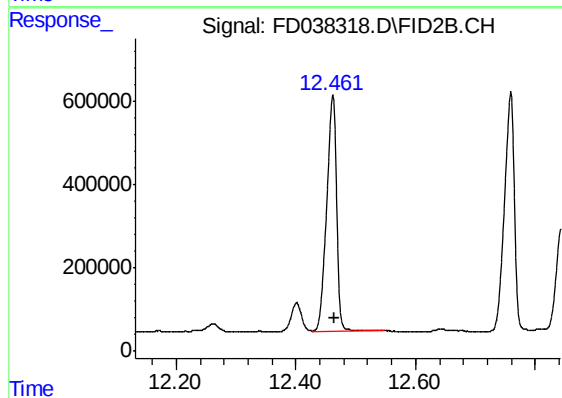
#10 Anthracene (C19.43)

R.T.: 10.726 min
Delta R.T.: -0.004 min
Response: 6500854
Conc: 45.95 ug/ml



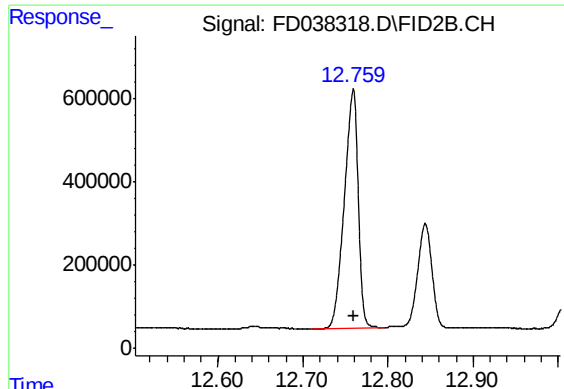
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: -0.007 min
Response: 6520826
Conc: 43.03 ug/ml



#12 Fluoranthene (C21.85)

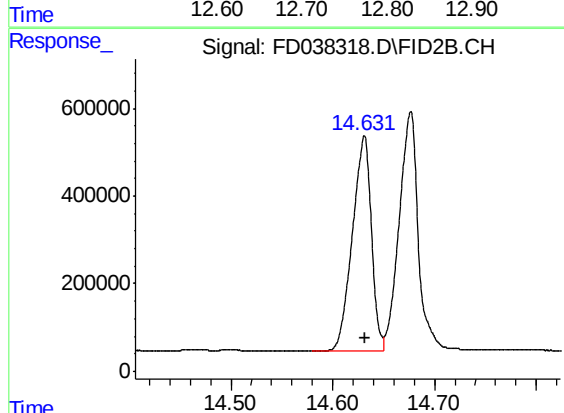
R.T.: 12.462 min
Delta R.T.: -0.002 min
Response: 6556679
Conc: 45.26 ug/ml



#13 Pyrene (C20.8)

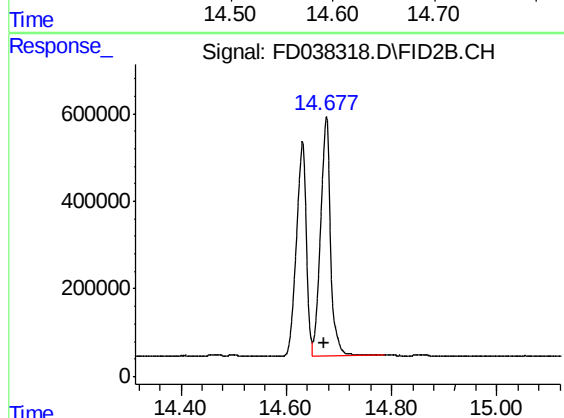
R.T.: 12.759 min
Delta R.T.: 0.000 min
Response: 6580404
Conc: 46.18 ug/ml

Instrument :
FID_D
ClientSampleId :
PB137865BS



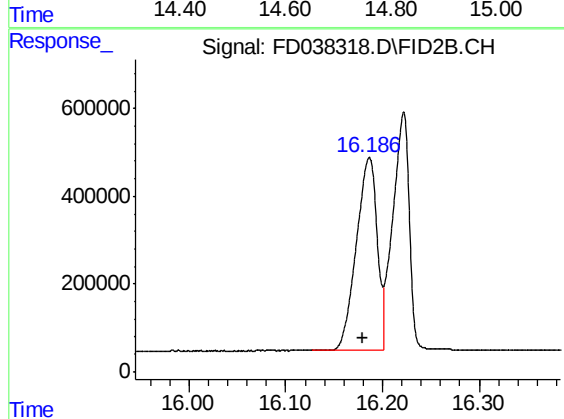
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.000 min
Response: 6315999
Conc: 49.47 ug/ml



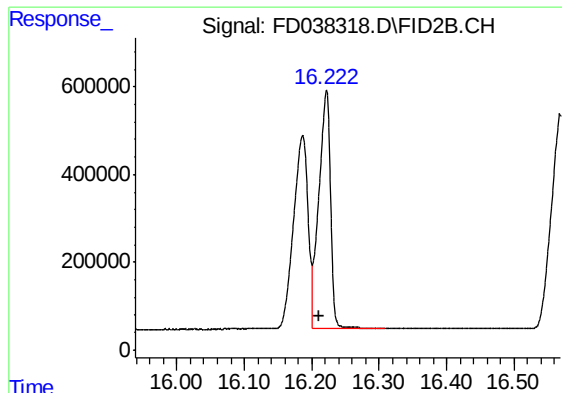
#15 Chrysene (C27.41)

R.T.: 14.677 min
Delta R.T.: 0.005 min
Response: 7140885
Conc: 50.44 ug/ml



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

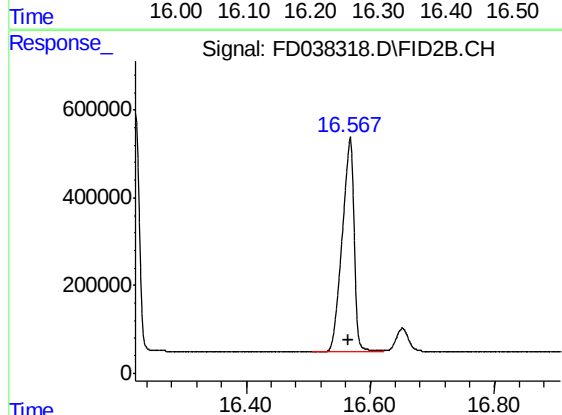
R.T.: 16.187 min
Delta R.T.: 0.007 min
Response: 6586621
Conc: 52.82 ug/ml



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

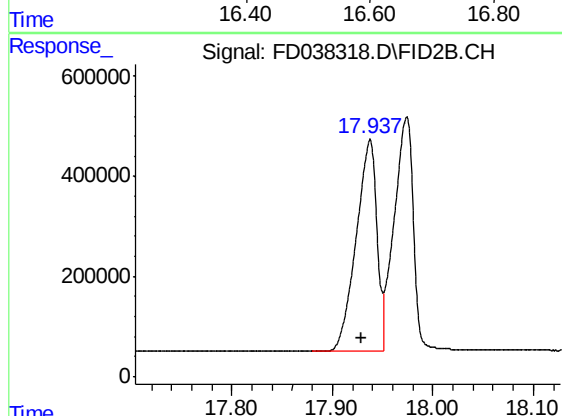
R.T.: 16.222 min
Delta R.T.: 0.011 min
Response: 6547465
Conc: 49.91 ug/ml

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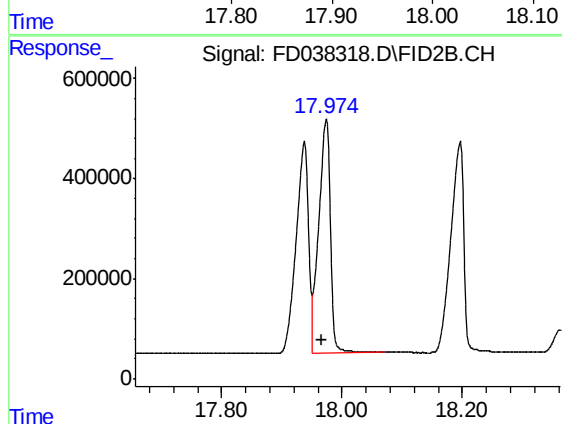
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: 0.004 min
Response: 6515088
Conc: 55.54 ug/ml



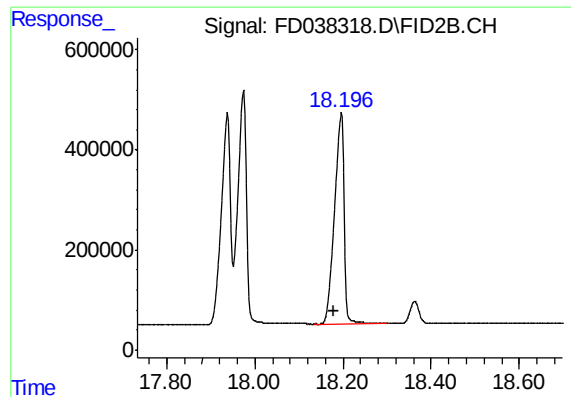
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.937 min
Delta R.T.: 0.008 min
Response: 6022909
Conc: 58.19 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.008 min
Response: 6296563
Conc: 53.42 ug/ml



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

R.T.: 18.196 min
Delta R.T.: 0.018 min
Response: 6340500
Conc: 58.09 ug/ml

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