

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040921AR\
 Data File : FD036839.D
 Signal(s) : FID2B.CH
 Acq On : 10 Apr 2021 5:40
 Operator : DD\AJ
 Sample : M1967-03MSD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 10 06:44:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.592	6031144	42.883 ug/ml
Spiked Amount 50.000		Recovery =	85.77%
6) S 2-Fluorobiphenyl (SURR)	8.453	3728437	39.720 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.44%
11) S ortho-Terphenyl (SURR)	11.491	3535955	23.152 ug/ml
Spiked Amount 50.000		Recovery =	46.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390	4138517	28.233 ug/ml
2) T Naphthalene (C11.7)	5.928	4731606	30.107 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	4778088	30.402 ug/ml
5) T Acenaphthylene (C15.06)	8.256	4989510	33.299 ug/ml
7) T Acenaphthene (C15.5)	8.552	4916757	31.673 ug/ml
8) T Flouorene (C16.55)	9.332	4943259	32.833 ug/ml
9) T Phenanthrene (C19.36)	10.728	4909836	33.498 ug/ml
10) T Anthracene (C19.43)	10.803	4792272	33.103 ug/ml
12) T Fluoranthene (C21.85)	12.538	4807900	34.245 ug/ml
13) T Pyrene (C20.8)	12.834	4673989	34.066 ug/ml
14) T Benzo[a]anthracene (C...	14.704	4295192	36.167 ug/ml
15) T Chrysene (C27.41)	14.748	4772472	39.464 ug/ml
16) T benzo[b]fluoranthene ...	16.253	4498049	40.991 ug/ml
17) T Bnezo[k]fluoranthene ...	16.288	4313761	40.582 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.633	4459788	44.749 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.996	4179710	41.582 ug/ml
20) T Dibenz[a,h]anthracene...	18.035	4252818	42.177 ug/ml
21) T Benzo[g,h,i]perylene ...	18.254	4357799	43.010 ug/ml

(f)=RT Delta > 1/2 Window

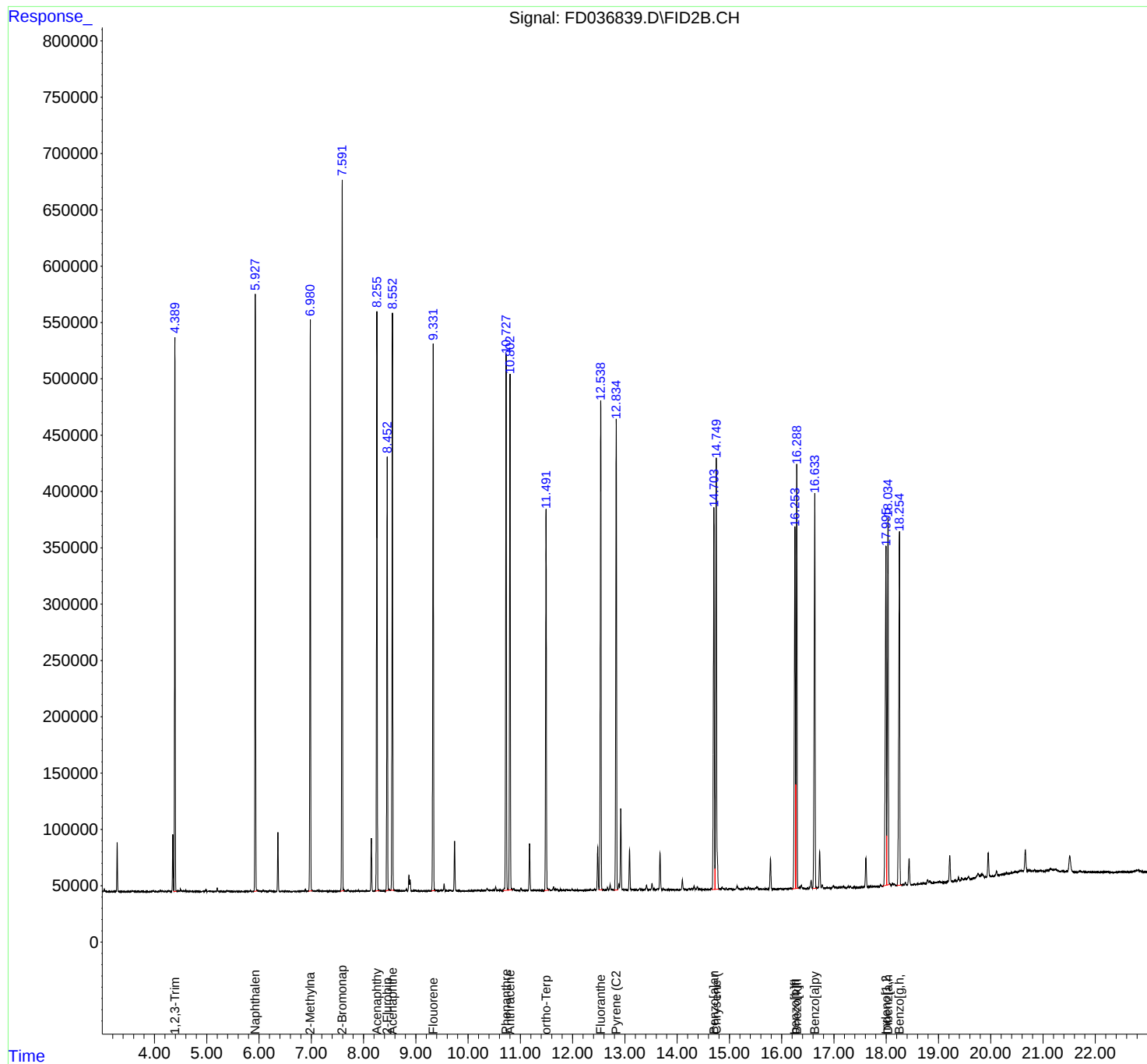
(m)=manual int.

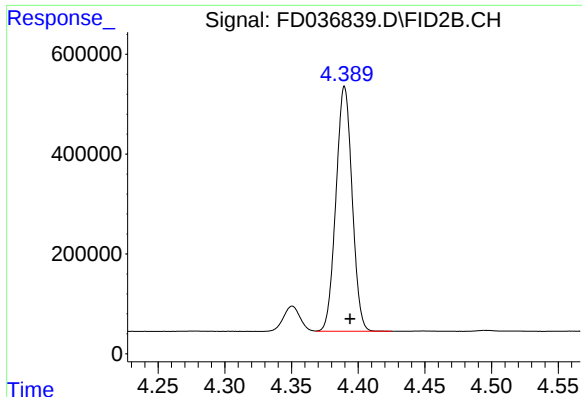
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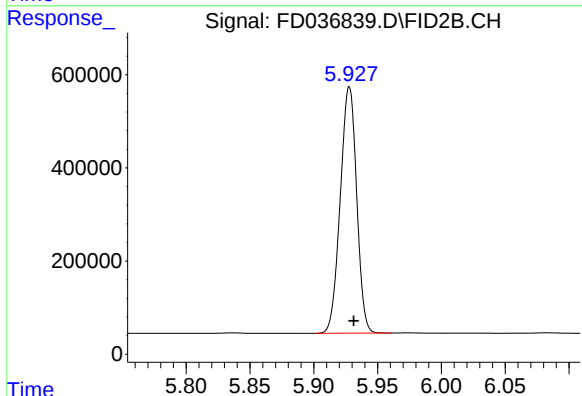




#1 1,2,3-Trimethylbenzene (C10.1)

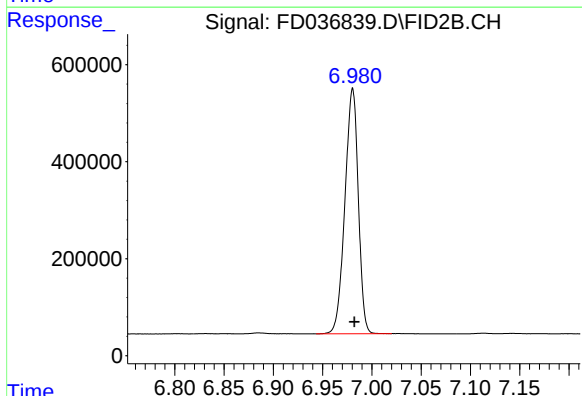
R.T.: 4.390 min
Delta R.T.: -0.004 min
Response: 4138517
Conc: 28.23 ug/ml

Instrument :
FID_D
ClientSampleId :



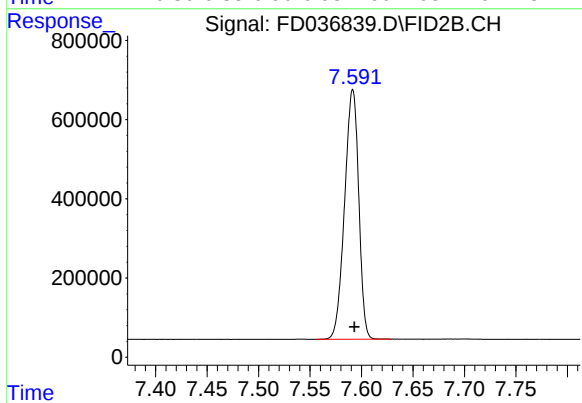
#2 Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 4731606
Conc: 30.11 ug/ml



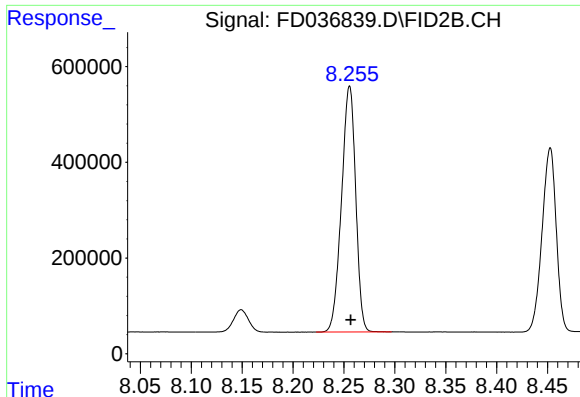
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 4778088
Conc: 30.40 ug/ml



#4 2-Bromonaphthalene (SURR)

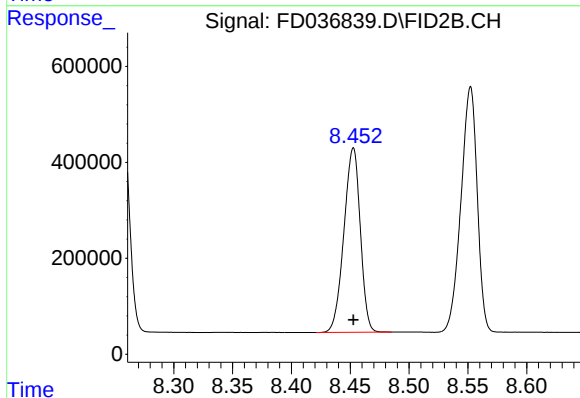
R.T.: 7.592 min
Delta R.T.: -0.002 min
Response: 6031144
Conc: 42.88 ug/ml



#5 Acenaphthylene (C15.06)

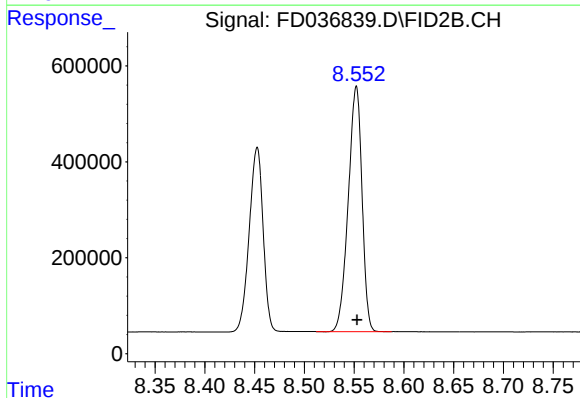
R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 4989510
Conc: 33.30 ug/ml

Instrument :
FID_D
ClientSampleId :



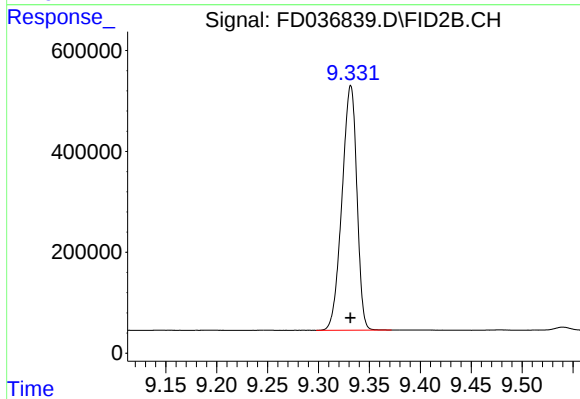
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 3728437
Conc: 39.72 ug/ml



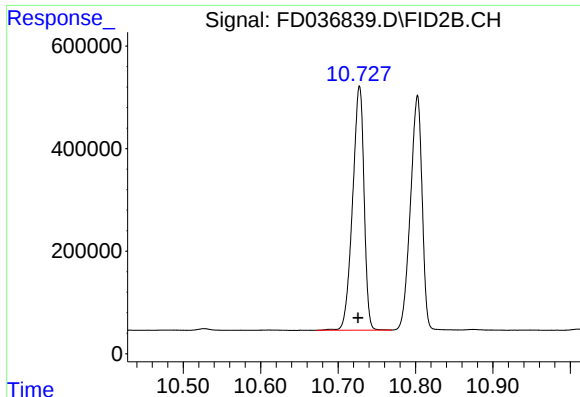
#7 Acenaphthene (C15.5)

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 4916757
Conc: 31.67 ug/ml



#8 Flouorene (C16.55)

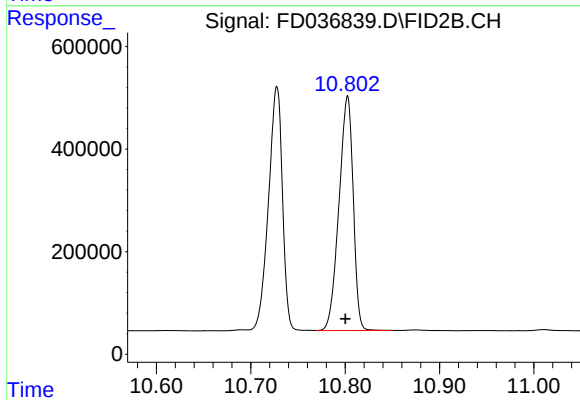
R.T.: 9.332 min
Delta R.T.: 0.000 min
Response: 4943259
Conc: 32.83 ug/ml



#9 Phenanthrene (C19.36)

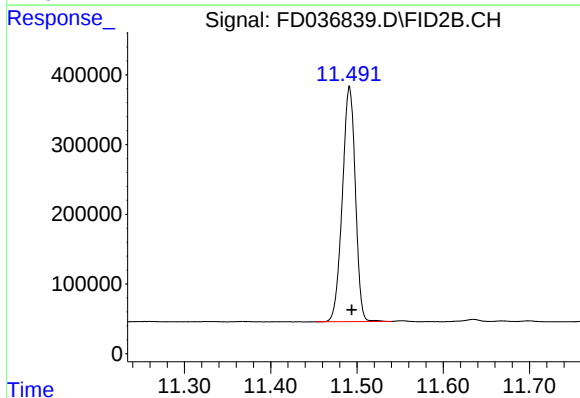
R.T.: 10.728 min
Delta R.T.: 0.002 min
Response: 4909836
Conc: 33.50 ug/ml

Instrument :
FID_D
ClientSampleId :



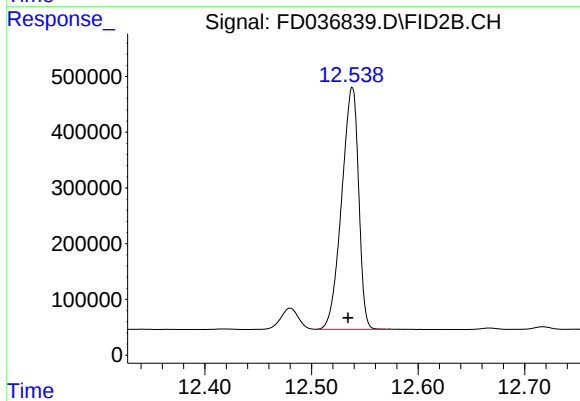
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: 0.002 min
Response: 4792272
Conc: 33.10 ug/ml



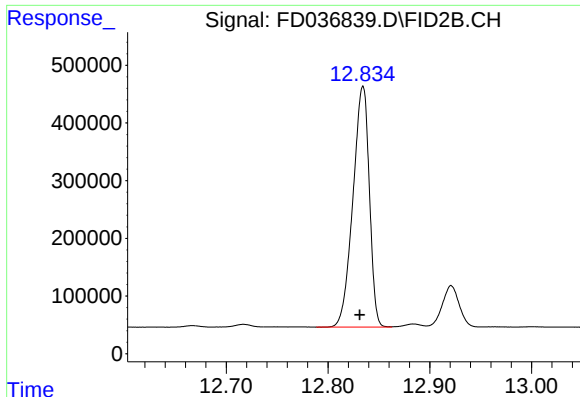
#11 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: -0.003 min
Response: 3535955
Conc: 23.15 ug/ml



#12 Fluoranthene (C21.85)

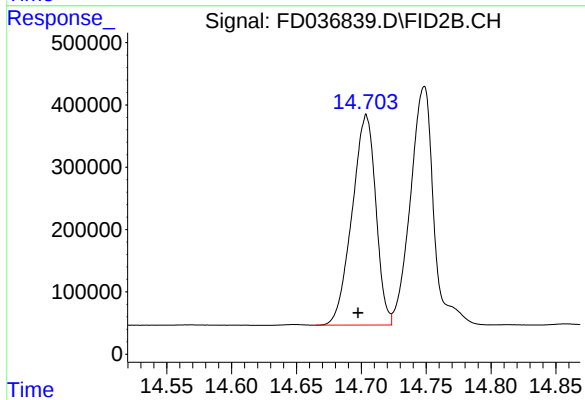
R.T.: 12.538 min
Delta R.T.: 0.004 min
Response: 4807900
Conc: 34.25 ug/ml



#13 Pyrene (C20.8)

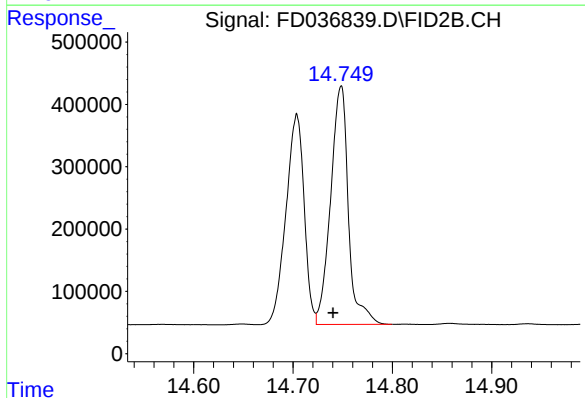
R.T.: 12.834 min
Delta R.T.: 0.003 min
Response: 4673989
Conc: 34.07 ug/ml

Instrument :
FID_D
ClientSampleId :



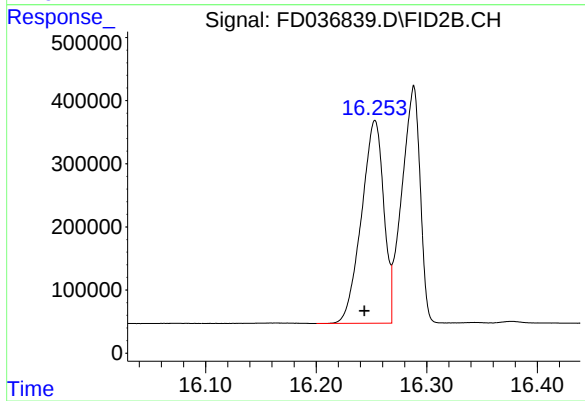
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.704 min
Delta R.T.: 0.006 min
Response: 4295192
Conc: 36.17 ug/ml



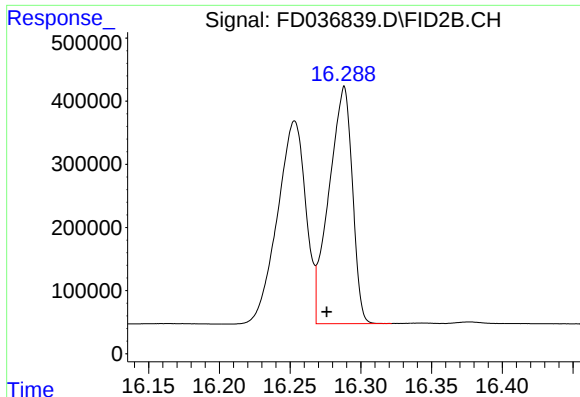
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: 0.008 min
Response: 4772472
Conc: 39.46 ug/ml



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

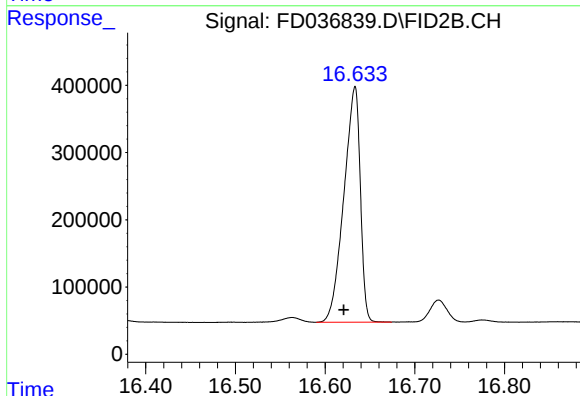
R.T.: 16.253 min
Delta R.T.: 0.010 min
Response: 4498049
Conc: 40.99 ug/ml



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

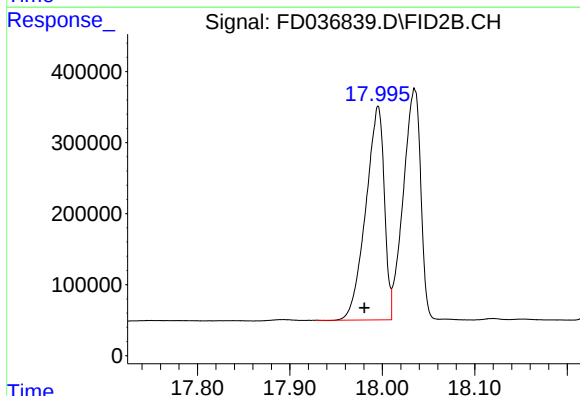
R.T.: 16.288 min
Delta R.T.: 0.012 min
Response: 4313761
Conc: 40.58 ug/ml

Instrument :
FID_D
ClientSampleId :



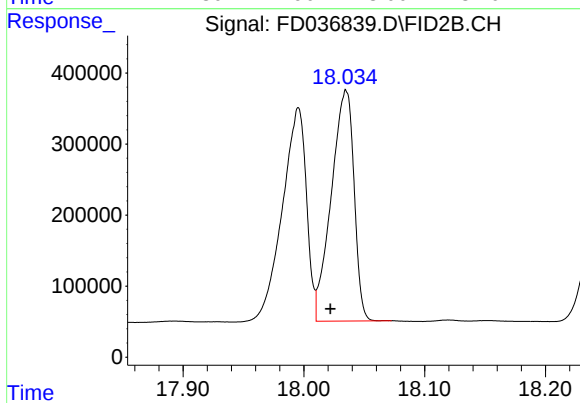
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.633 min
Delta R.T.: 0.013 min
Response: 4459788
Conc: 44.75 ug/ml



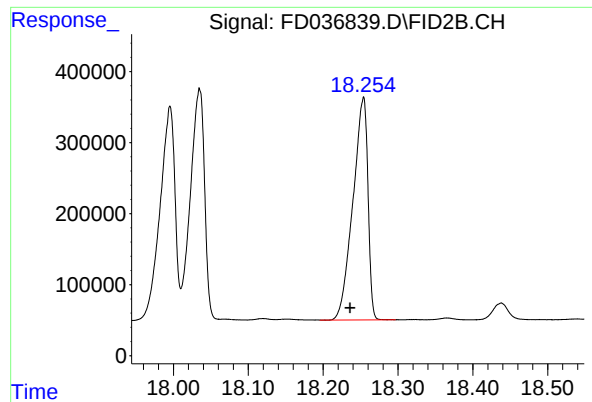
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.996 min
Delta R.T.: 0.015 min
Response: 4179710
Conc: 41.58 ug/ml



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

R.T.: 18.035 min
Delta R.T.: 0.013 min
Response: 4252818
Conc: 42.18 ug/ml



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

R.T.: 18.254 min
Delta R.T.: 0.018 min
Response: 4357799
Conc: 43.01 ug/ml

Instrument :
FID_D
ClientSampleId :