

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092320AR\
 Data File : FD034838.D
 Signal(s) : FID2B.CH
 Acq On : 23 Sep 2020 11:29
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 24 01:09:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 2020
 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...	7.681	2186140	21.314 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
6) S 2-Fluorobiphenyl (SURR)	8.548	1512844	21.026 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.05%
11) S ortho-Terphenyl (SURR)	11.588	2494531	20.822 ug/ml
Spiked Amount 50.000		Recovery =	41.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.475	2491537	22.007 ug/ml
2) T Naphthalene (C11.7)	6.019	2511419	21.516 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	2531030	21.430 ug/ml
5) T Acenaphthylene (C15.06)	8.349	2425892	20.757 ug/ml
7) T Acenaphthene (C15.5)	8.645	2500331	21.015 ug/ml
8) T Flouorene (C16.55)	9.427	2401888	20.832 ug/ml
9) T Phenanthrene (C19.36)	10.824	2378275	20.397 ug/ml
10) T Anthracene (C19.43)	10.899	2060724	18.089 ug/ml
12) T Fluoranthene (C21.85)	12.638	2391864	20.511 ug/ml
13) T Pyrene (C20.8)	12.936	2321428	20.456 ug/ml
14) T Benzo[a]anthracene (C...	14.807	2246021	20.351 ug/ml
15) T Chrysene (C27.41)	14.849	2317780	20.751 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2263149	21.129 ug/ml
17) T Bnezo[k]fluoranthene ...	16.391	2263149	21.344 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.739	2255194	21.415 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.141	2307135	22.774 ug/ml
20) T Dibenz[a,h]anthracene...	18.141	2307135	22.707 ug/ml
21) T Benzo[g,h,i]perylene ...	18.358	2273922	22.520 ug/ml

(f)=RT Delta > 1/2 Window

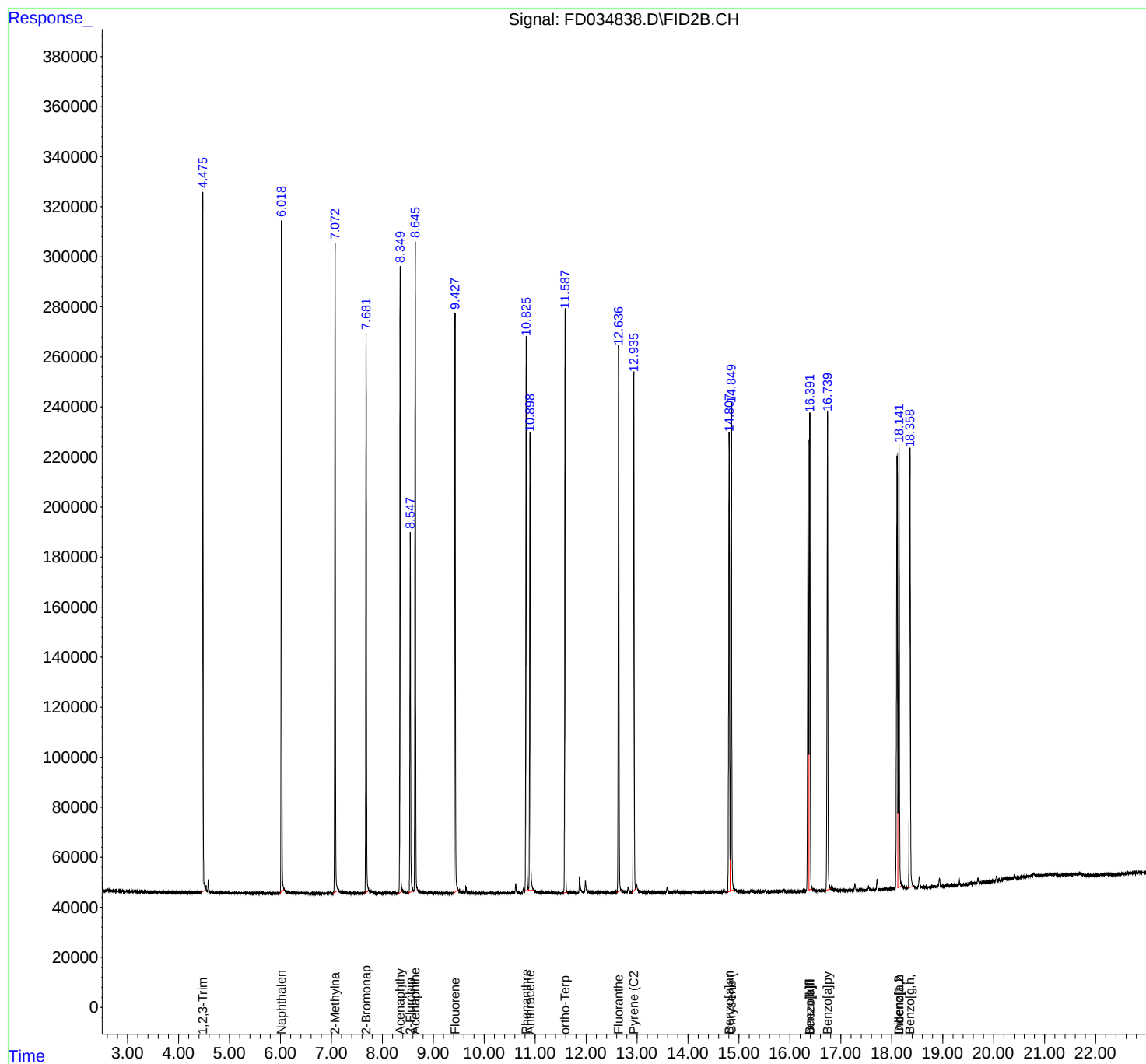
(m)=manual int.

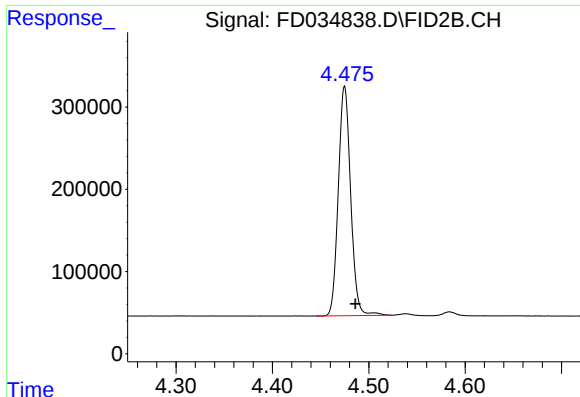
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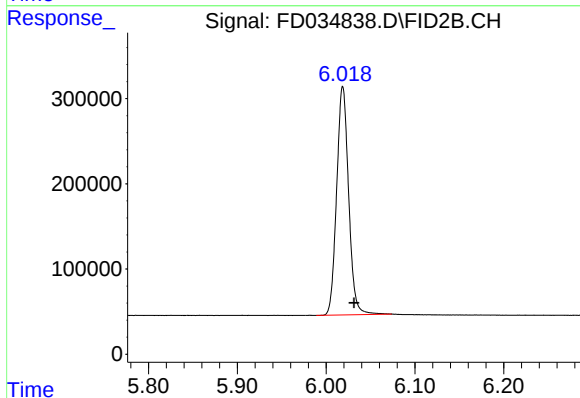




#1 1,2,3-Trimethylbenzene (C10.1)

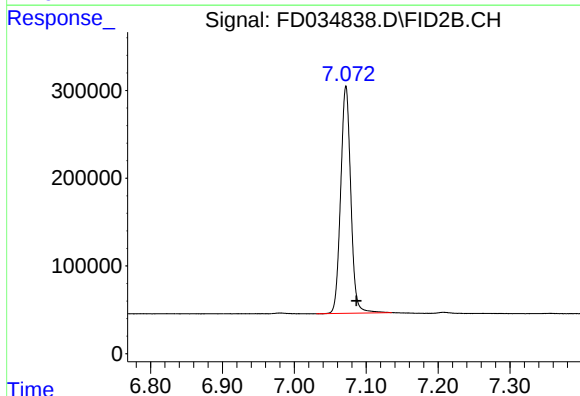
R.T.: 4.475 min
Delta R.T.: -0.011 min
Response: 2491537
Conc: 22.01 ug/ml

Instrument :
FID_D
ClientSampleId :



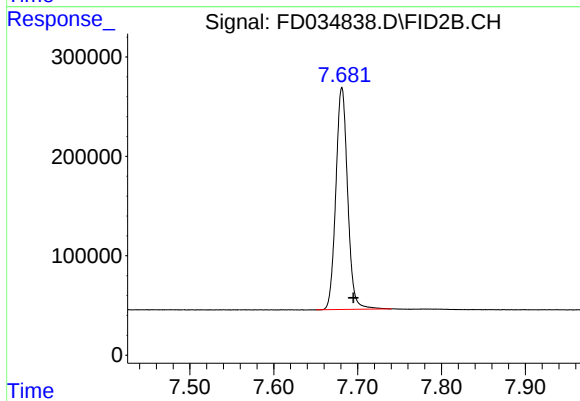
#2 Naphthalene (C11.7)

R.T.: 6.019 min
Delta R.T.: -0.013 min
Response: 2511419
Conc: 21.52 ug/ml



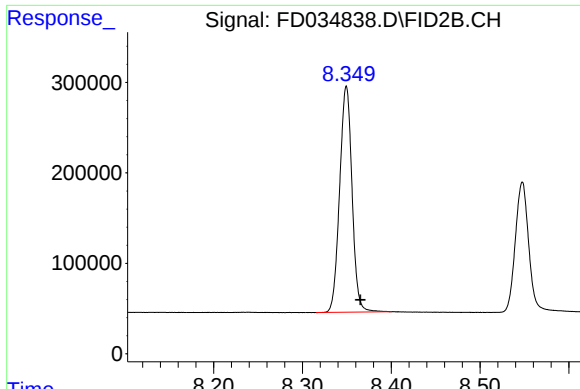
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.015 min
Response: 2531030
Conc: 21.43 ug/ml



#4 2-Bromonaphthalene (SURR)

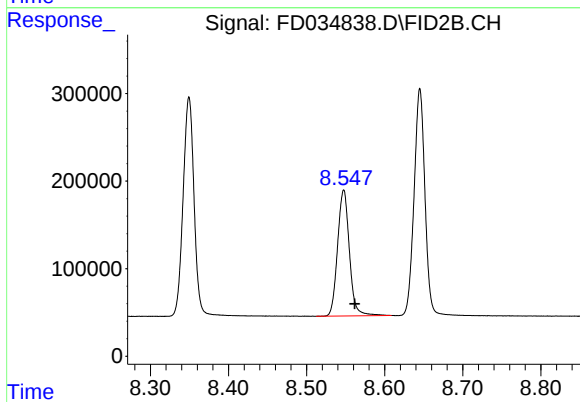
R.T.: 7.681 min
Delta R.T.: -0.014 min
Response: 2186140
Conc: 21.31 ug/ml



#5 Acenaphthylene (C15.06)

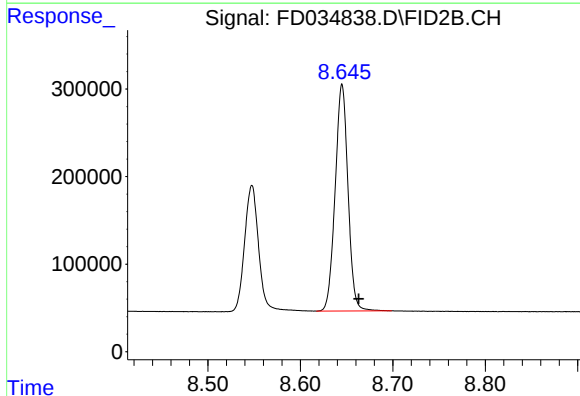
R.T.: 8.349 min
Delta R.T.: -0.016 min
Response: 2425892
Conc: 20.76 ug/ml

Instrument :
FID_D
ClientSampleId :



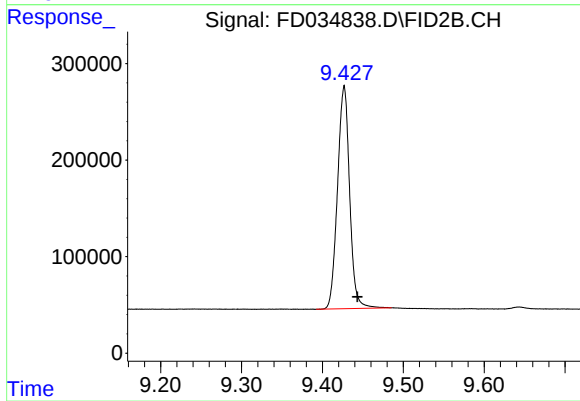
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.548 min
Delta R.T.: -0.014 min
Response: 1512844
Conc: 21.03 ug/ml



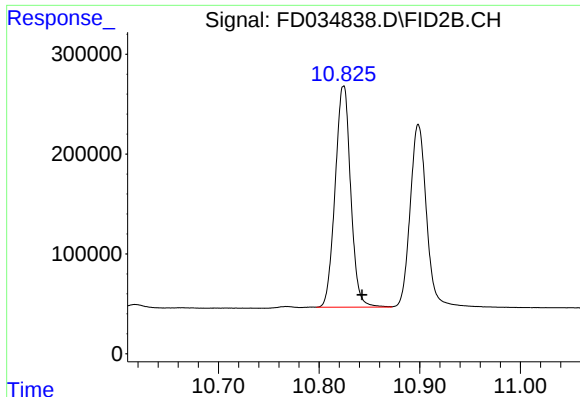
#7 Acenaphthene (C15.5)

R.T.: 8.645 min
Delta R.T.: -0.018 min
Response: 2500331
Conc: 21.01 ug/ml



#8 Flouorene (C16.55)

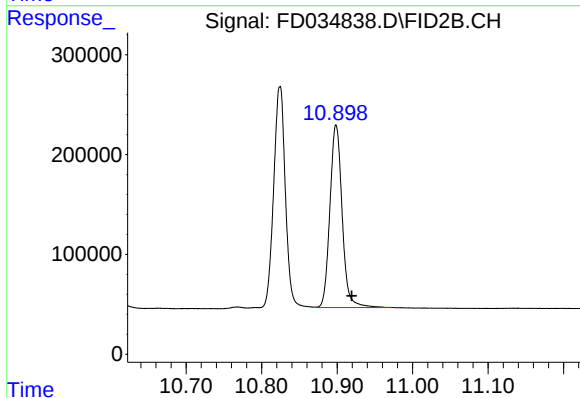
R.T.: 9.427 min
Delta R.T.: -0.017 min
Response: 2401888
Conc: 20.83 ug/ml



#9 Phenanthrene (C19.36)

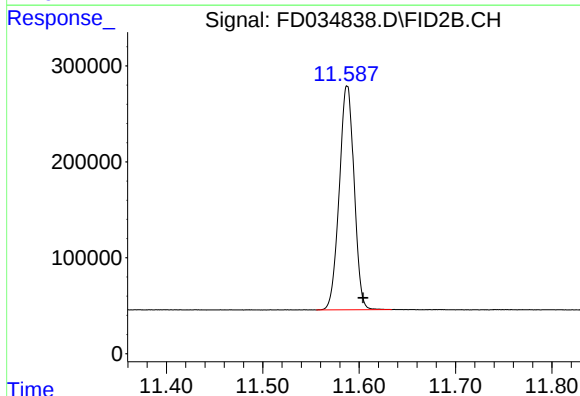
R.T.: 10.824 min
Delta R.T.: -0.018 min
Response: 2378275
Conc: 20.40 ug/ml

Instrument :
FID_D
ClientSampleId :



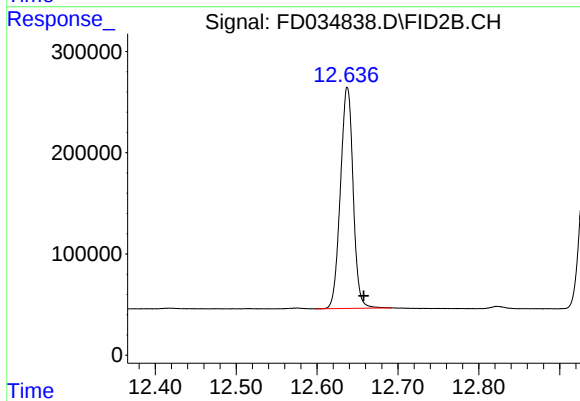
#10 Anthracene (C19.43)

R.T.: 10.899 min
Delta R.T.: -0.021 min
Response: 2060724
Conc: 18.09 ug/ml



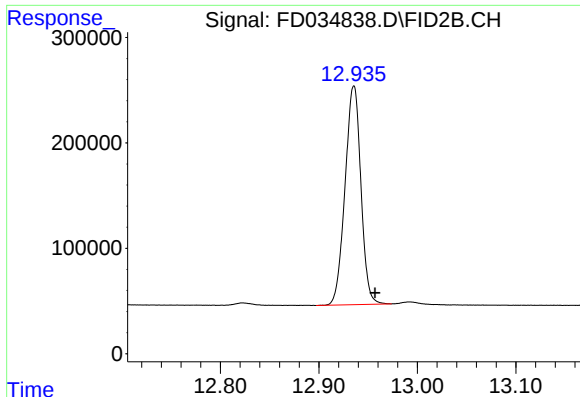
#11 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: -0.016 min
Response: 2494531
Conc: 20.82 ug/ml



#12 Fluoranthene (C21.85)

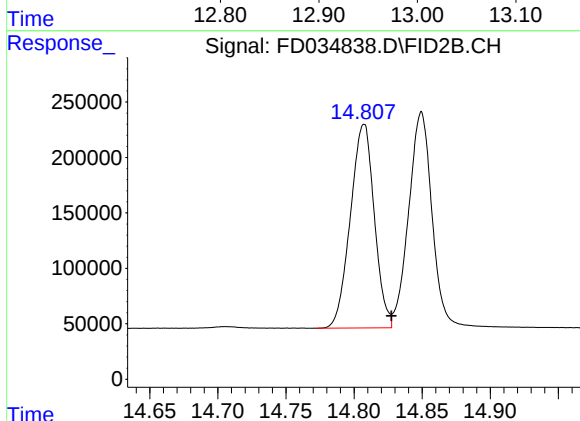
R.T.: 12.638 min
Delta R.T.: -0.020 min
Response: 2391864
Conc: 20.51 ug/ml



#13 Pyrene (C20.8)

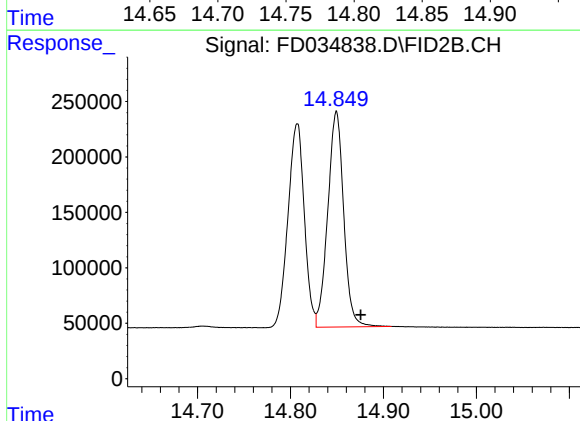
R.T.: 12.936 min
Delta R.T.: -0.021 min
Response: 2321428
Conc: 20.46 ug/ml

Instrument :
FID_D
ClientSampleId :



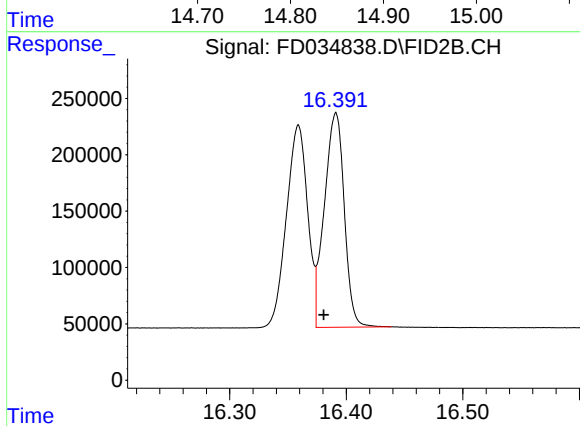
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.807 min
Delta R.T.: -0.020 min
Response: 2246021
Conc: 20.35 ug/ml



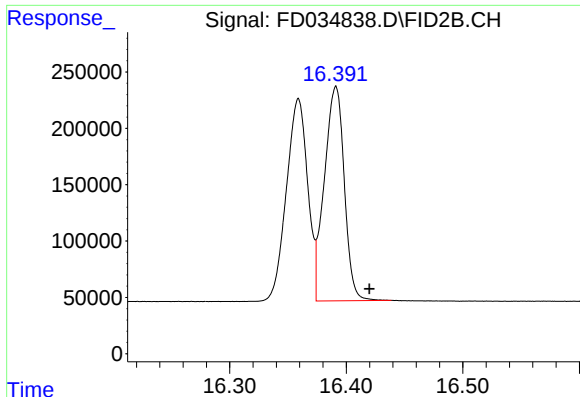
#15 Chrysene (C27.41)

R.T.: 14.849 min
Delta R.T.: -0.026 min
Response: 2317780
Conc: 20.75 ug/ml



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

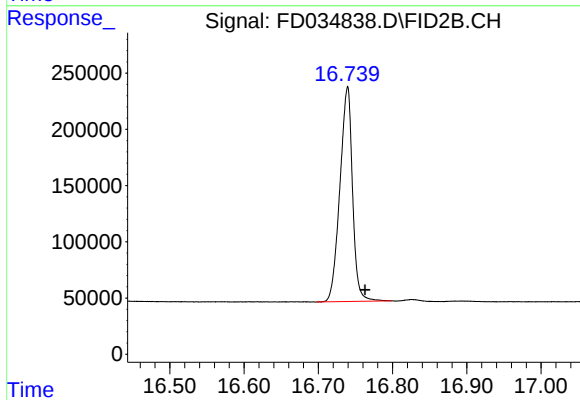
R.T.: 16.391 min
Delta R.T.: 0.010 min
Response: 2263149
Conc: 21.13 ug/ml



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

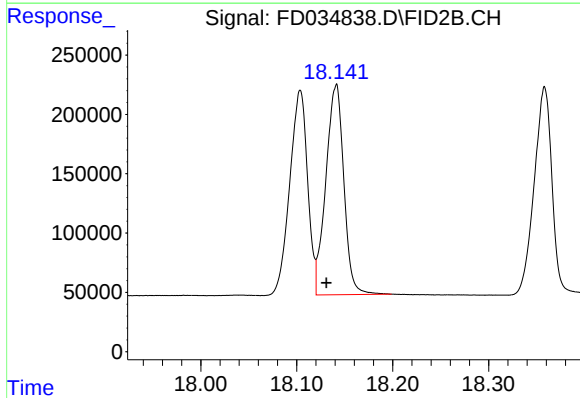
R.T.: 16.391 min
Delta R.T.: -0.029 min
Response: 2263149
Conc: 21.34 ug/ml

Instrument :
FID_D
ClientSampleId :



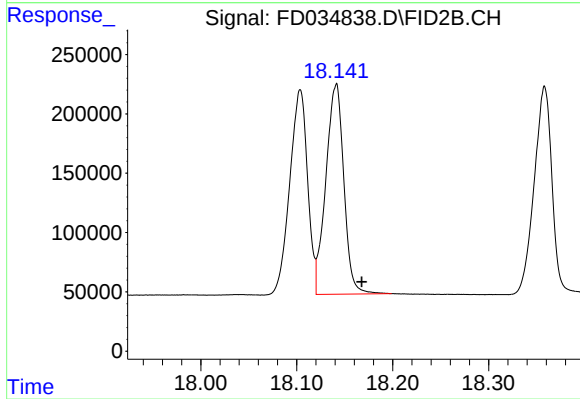
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.739 min
Delta R.T.: -0.024 min
Response: 2255194
Conc: 21.42 ug/ml



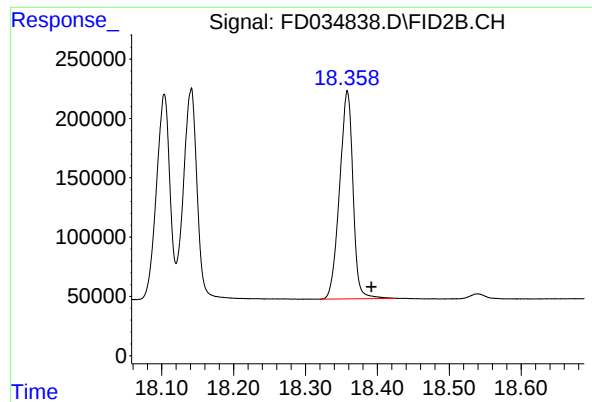
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.141 min
Delta R.T.: 0.010 min
Response: 2307135
Conc: 22.77 ug/ml



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

R.T.: 18.141 min
Delta R.T.: -0.027 min
Response: 2307135
Conc: 22.71 ug/ml



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

R.T.: 18.358 min
Delta R.T.: -0.034 min
Response: 2273922
Conc: 22.52 ug/ml

Instrument :
FID_D
ClientSampleId :