

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101121AR\
 Data File : FD039072.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2021 16:49
 Operator : AJ\MA
 Sample : M4134-01MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SP-01MSD

Integration File: autoint1.e
 Quant Time: Oct 12 02:53:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:39:35 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...	7.767	6271876	48.054 ug/ml
Spiked Amount 50.000		Recovery =	96.11%
6) S 2-Fluorobiphenyl (SURR)	8.636	3911605	43.948 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.90%
11) S ortho-Terphenyl (SURR)	11.679	5515736	40.143 ug/ml
Spiked Amount 50.000		Recovery =	80.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	4008059	28.638 ug/ml
2) T Naphthalene (C11.7)	6.101	4652020	31.528 ug/ml
3) T 2-Methylnaphthalene (...)	7.156	4715585	31.652 ug/ml
5) T Acenaphthylene (C15.06)	8.438	5187705	37.859 ug/ml
7) T Acenaphthene (C15.5)	8.735	5468234	37.896 ug/ml
8) T Flouorene (C16.55)	9.517	5459973	38.458 ug/ml
9) T Phenanthrene (C19.36)	10.919	6026914	43.451 ug/ml
10) T Anthracene (C19.43)	10.994	5475834	40.051 ug/ml
12) T Fluoranthene (C21.85)	12.736	6218827	45.234 ug/ml
13) T Pyrene (C20.8)	13.036	6045876	45.113 ug/ml
14) T Benzo[a]anthracene (C...	14.907	5226461	42.966 ug/ml
15) T Chrysene (C27.41)	14.952	5526319	43.491 ug/ml
16) T benzo[b]fluoranthene ...	16.461	5120053	43.261 ug/ml
17) T Bnezo[k]fluoranthene ...	16.495	4735555	40.262 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.841	4905679	42.862 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.208	4371730	40.186 ug/ml
20) T Dibenz[a,h]anthracene...	18.245	4350841	40.941 ug/ml
21) T Benzo[g,h,i]perylene ...	18.466	4435428	40.962 ug/ml

(f)=RT Delta > 1/2 Window

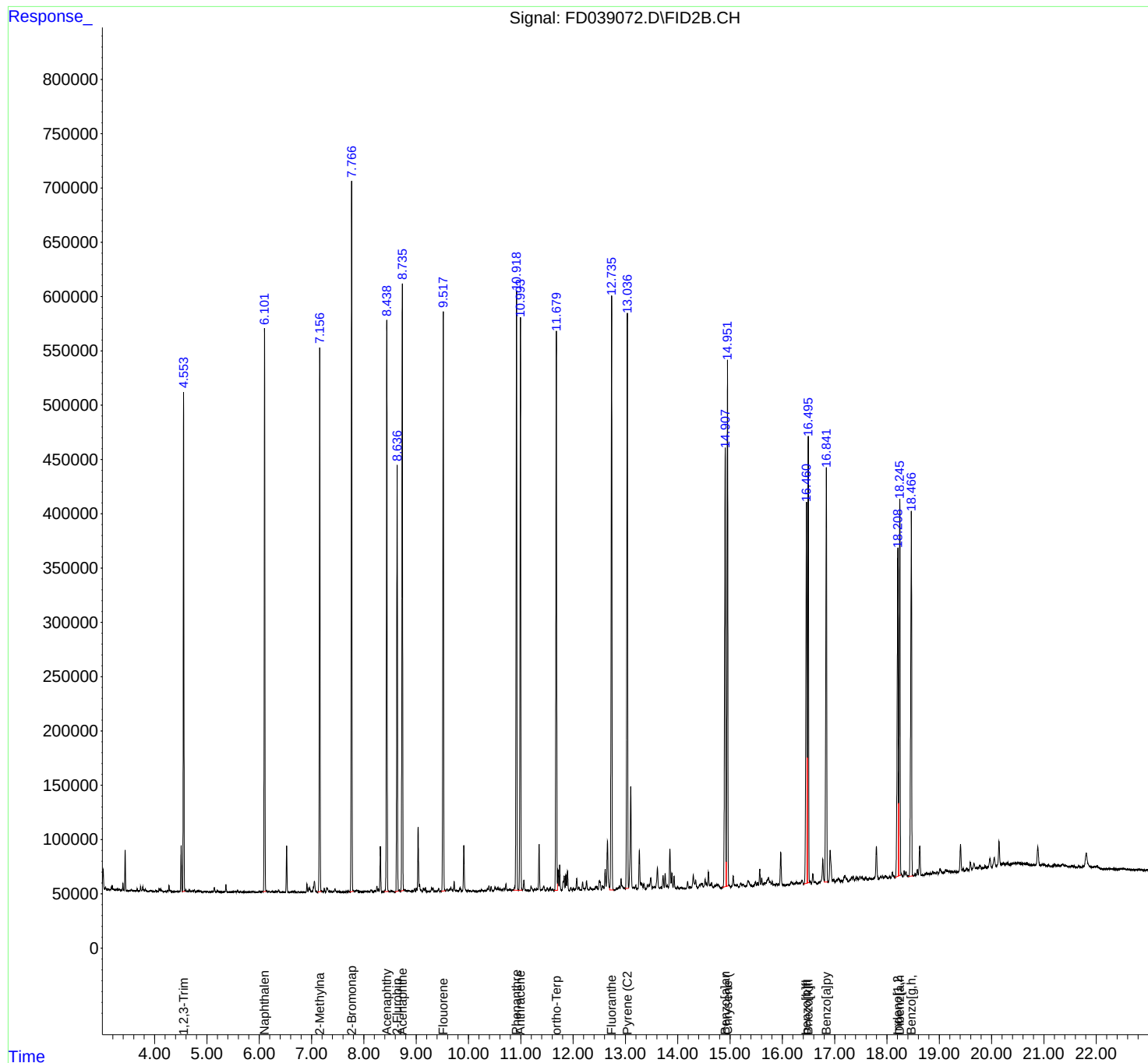
(m)=manual int.

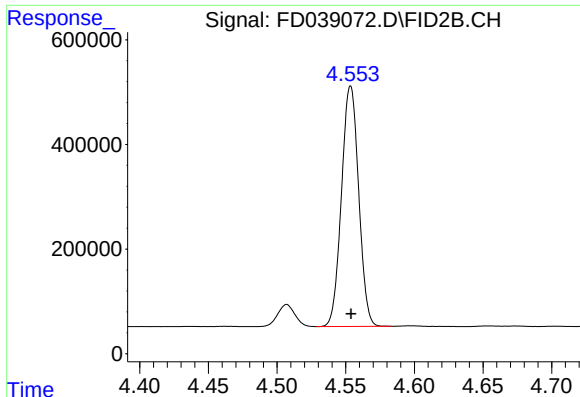
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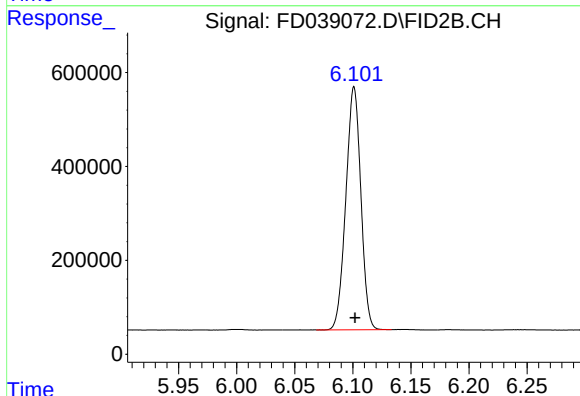




#1 1,2,3-Trimethylbenzene (C10.1)

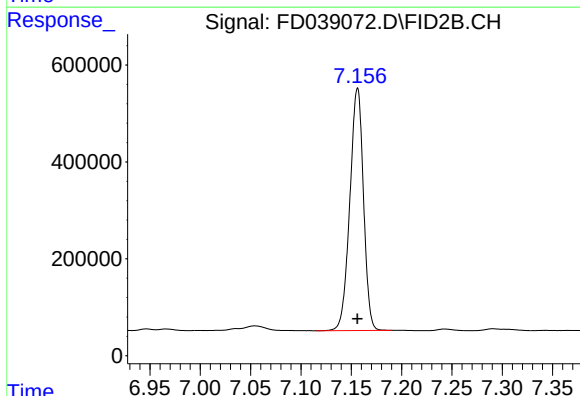
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 4008059
Conc: 28.64 ug/ml

Instrument :
FID_D
ClientSampleId :
SP-01MSD



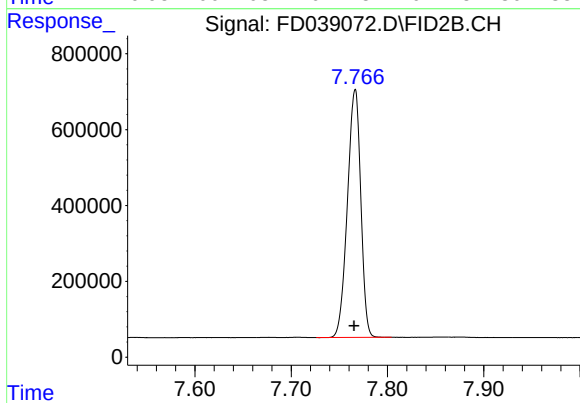
#2 Naphthalene (C11.7)

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 4652020
Conc: 31.53 ug/ml



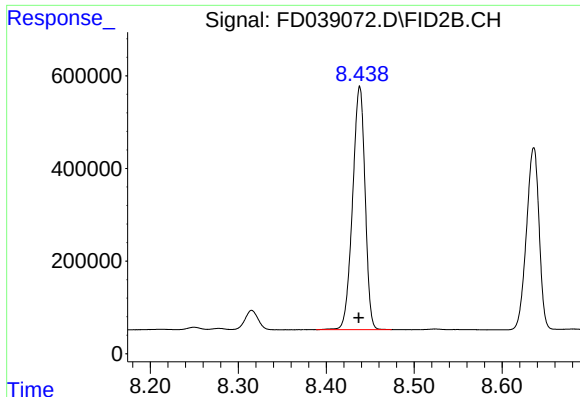
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 4715585
Conc: 31.65 ug/ml



#4 2-Bromonaphthalene (SURR)

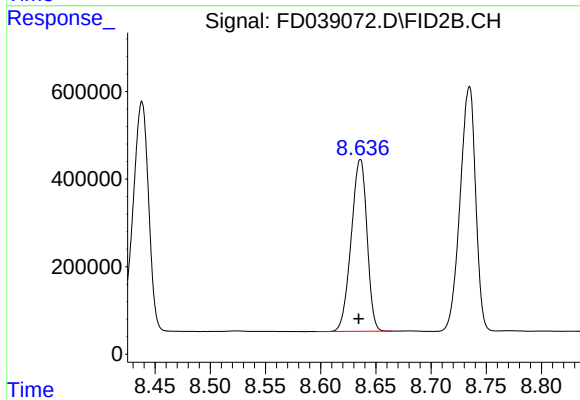
R.T.: 7.767 min
Delta R.T.: 0.001 min
Response: 6271876
Conc: 48.05 ug/ml



#5 Acenaphthylene (C15.06)

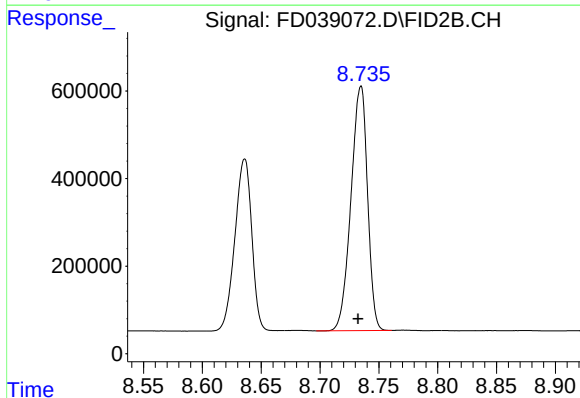
R.T.: 8.438 min
Delta R.T.: 0.001 min
Response: 5187705
Conc: 37.86 ug/ml

Instrument :
FID_D
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SP-01MSD



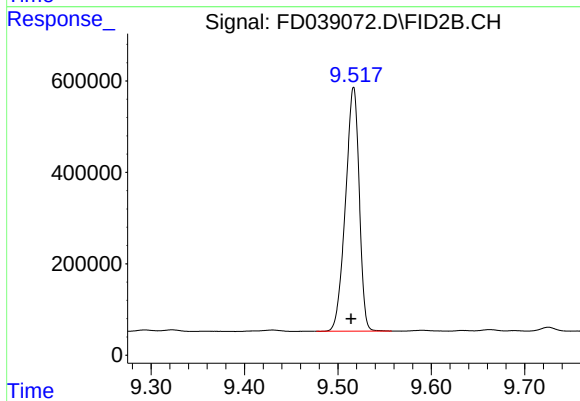
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.636 min
Delta R.T.: 0.002 min
Response: 3911605
Conc: 43.95 ug/ml



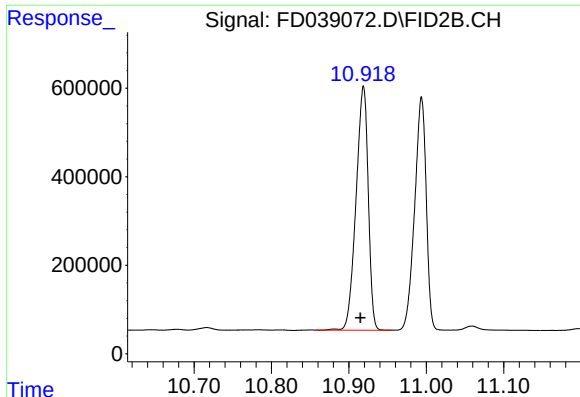
#7 Acenaphthene (C15.5)

R.T.: 8.735 min
Delta R.T.: 0.003 min
Response: 5468234
Conc: 37.90 ug/ml



#8 Flouorene (C16.55)

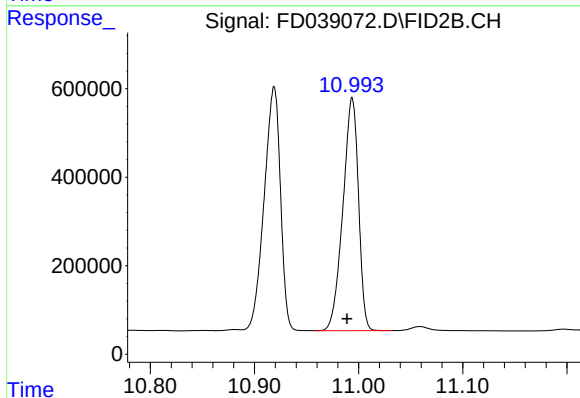
R.T.: 9.517 min
Delta R.T.: 0.003 min
Response: 5459973
Conc: 38.46 ug/ml



#9 Phenanthrene (C19.36)

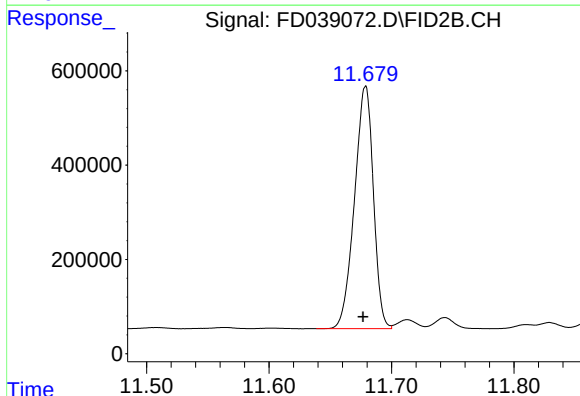
R.T.: 10.919 min
Delta R.T.: 0.004 min
Response: 6026914
Conc: 43.45 ug/ml

Instrument :
FID_D
ClientSampleId :
SP-01MSD



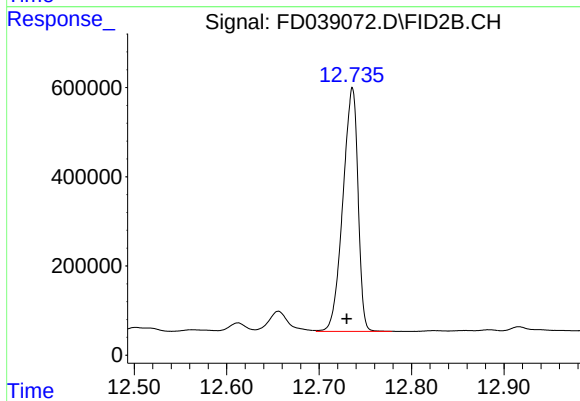
#10 Anthracene (C19.43)

R.T.: 10.994 min
Delta R.T.: 0.005 min
Response: 5475834
Conc: 40.05 ug/ml



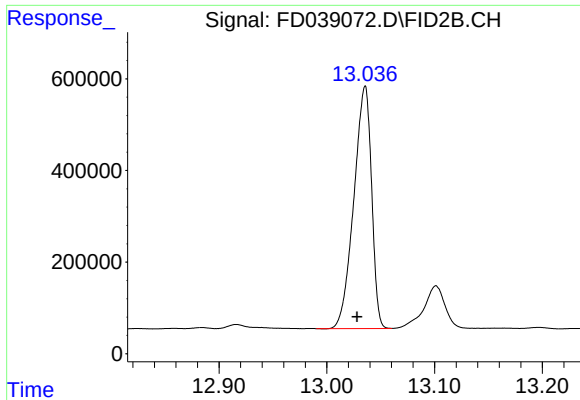
#11 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.002 min
Response: 5515736
Conc: 40.14 ug/ml



#12 Fluoranthene (C21.85)

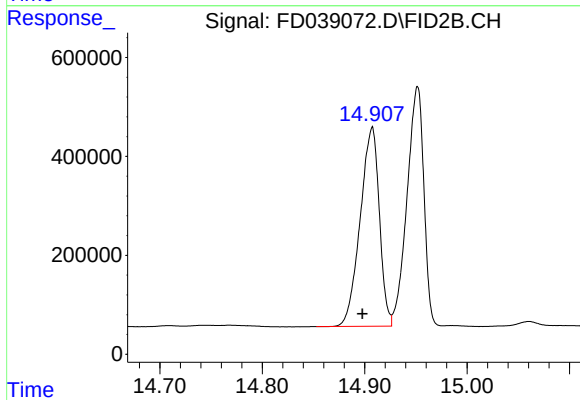
R.T.: 12.736 min
Delta R.T.: 0.006 min
Response: 6218827
Conc: 45.23 ug/ml



#13 Pyrene (C20.8)

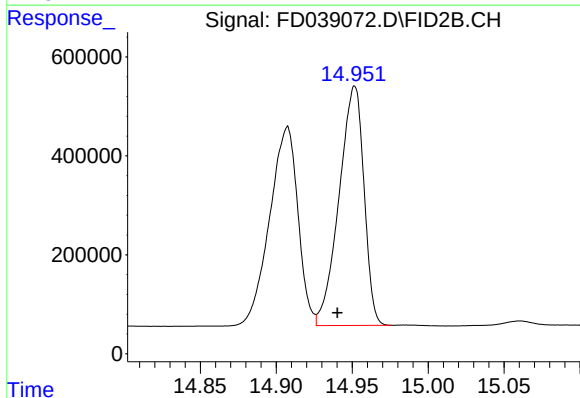
R.T.: 13.036 min
Delta R.T.: 0.007 min
Response: 6045876
Conc: 45.11 ug/ml

Instrument :
FID_D
ClientSampleId :
SP-01MSD



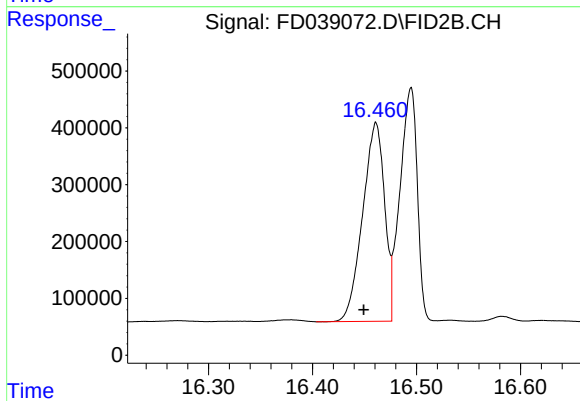
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.907 min
Delta R.T.: 0.010 min
Response: 5226461
Conc: 42.97 ug/ml



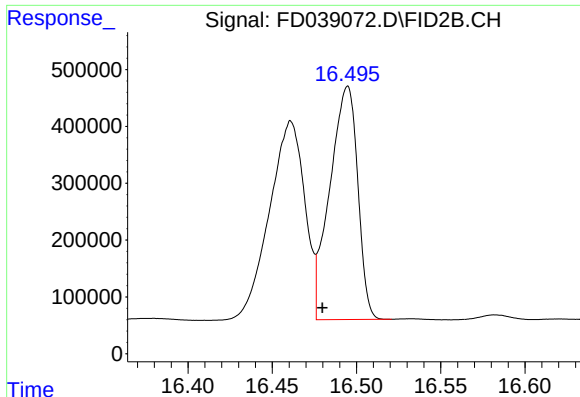
#15 Chrysene (C27.41)

R.T.: 14.952 min
Delta R.T.: 0.011 min
Response: 5526319
Conc: 43.49 ug/ml



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

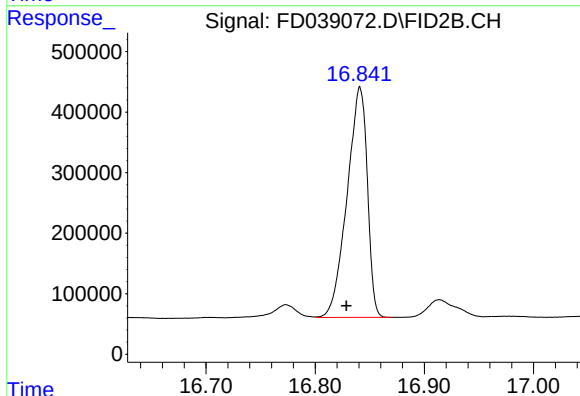
R.T.: 16.461 min
Delta R.T.: 0.012 min
Response: 5120053
Conc: 43.26 ug/ml



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

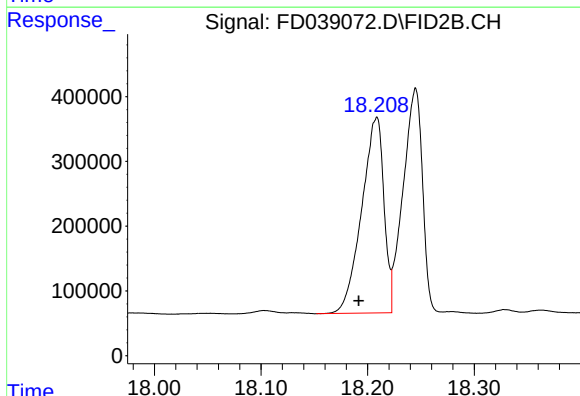
R.T.: 16.495 min
Delta R.T.: 0.015 min
Response: 473555
Conc: 40.26 ug/ml

Instrument :
FID_D
ClientSampleId :
SP-01MSD



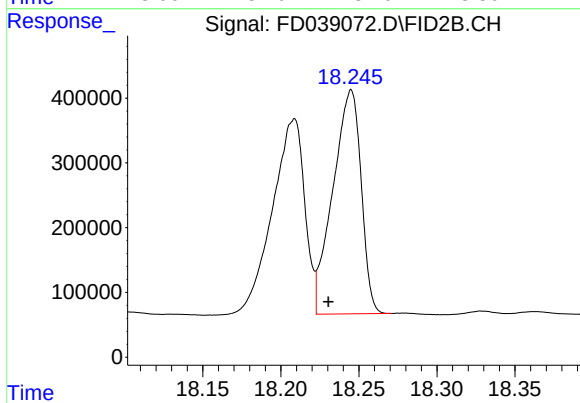
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.841 min
Delta R.T.: 0.012 min
Response: 4905679
Conc: 42.86 ug/ml



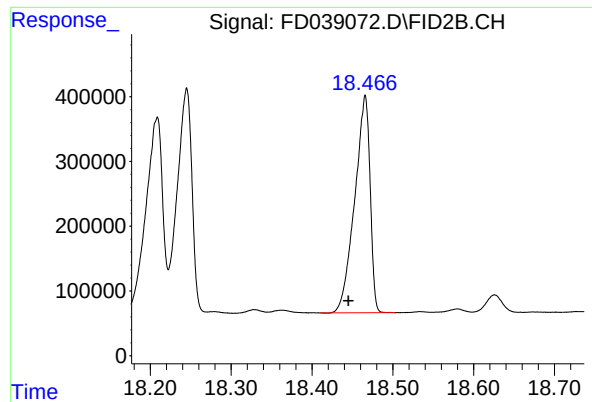
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.208 min
Delta R.T.: 0.017 min
Response: 4371730
Conc: 40.19 ug/ml



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

R.T.: 18.245 min
Delta R.T.: 0.015 min
Response: 4350841
Conc: 40.94 ug/ml



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

R.T.: 18.466 min
Delta R.T.: 0.021 min
Response: 4435428
Conc: 40.96 ug/ml

Instrument :
FID_D
ClientSampleId :
SP-01MSD