

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111221AR\
 Data File : FD039428.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2021 18:28
 Operator : AJ\MA
 Sample : PB140725BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 12 23:11:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 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...	7.752	5105556	44.003 ug/ml
Spiked Amount 50.000		Recovery =	88.01%
6) S 2-Fluorobiphenyl (SURR)	8.621	3382800	42.195 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.39%
11) S ortho-Terphenyl (SURR)	11.665	5533938	43.387 ug/ml
Spiked Amount 50.000		Recovery =	86.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	3786244	30.764 ug/ml
2) T Naphthalene (C11.7)	6.087	4369354	33.712 ug/ml
3) T 2-Methylnaphthalene (...)	7.141	4415186	33.245 ug/ml
5) T Acenaphthylene (C15.06)	8.423	4769902	38.647 ug/ml
7) T Acenaphthene (C15.5)	8.720	4998029	38.316 ug/ml
8) T Flouorene (C16.55)	9.503	4829113	37.295 ug/ml
9) T Phenanthrene (C19.36)	10.904	4941883	38.267 ug/ml
10) T Anthracene (C19.43)	10.979	4801810	37.534 ug/ml
12) T Fluoranthene (C21.85)	12.721	4874551	37.414 ug/ml
13) T Pyrene (C20.8)	13.020	4793201	37.902 ug/ml
14) T Benzo[a]anthracene (C...	14.894	4503965	38.079 ug/ml
15) T Chrysene (C27.41)	14.938	4895240	38.918 ug/ml
16) T benzo[b]fluoranthene ...	16.448	4522239	38.544 ug/ml
17) T Bnezo[k]fluoranthene ...	16.482	4427958	37.627 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.830	4393913	38.604 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.197	4172668	38.976 ug/ml
20) T Dibenz[a,h]anthracene...	18.233	4282721	40.169 ug/ml
21) T Benzo[g,h,i]perylene ...	18.454	4295493	40.704 ug/ml

(f)=RT Delta > 1/2 Window

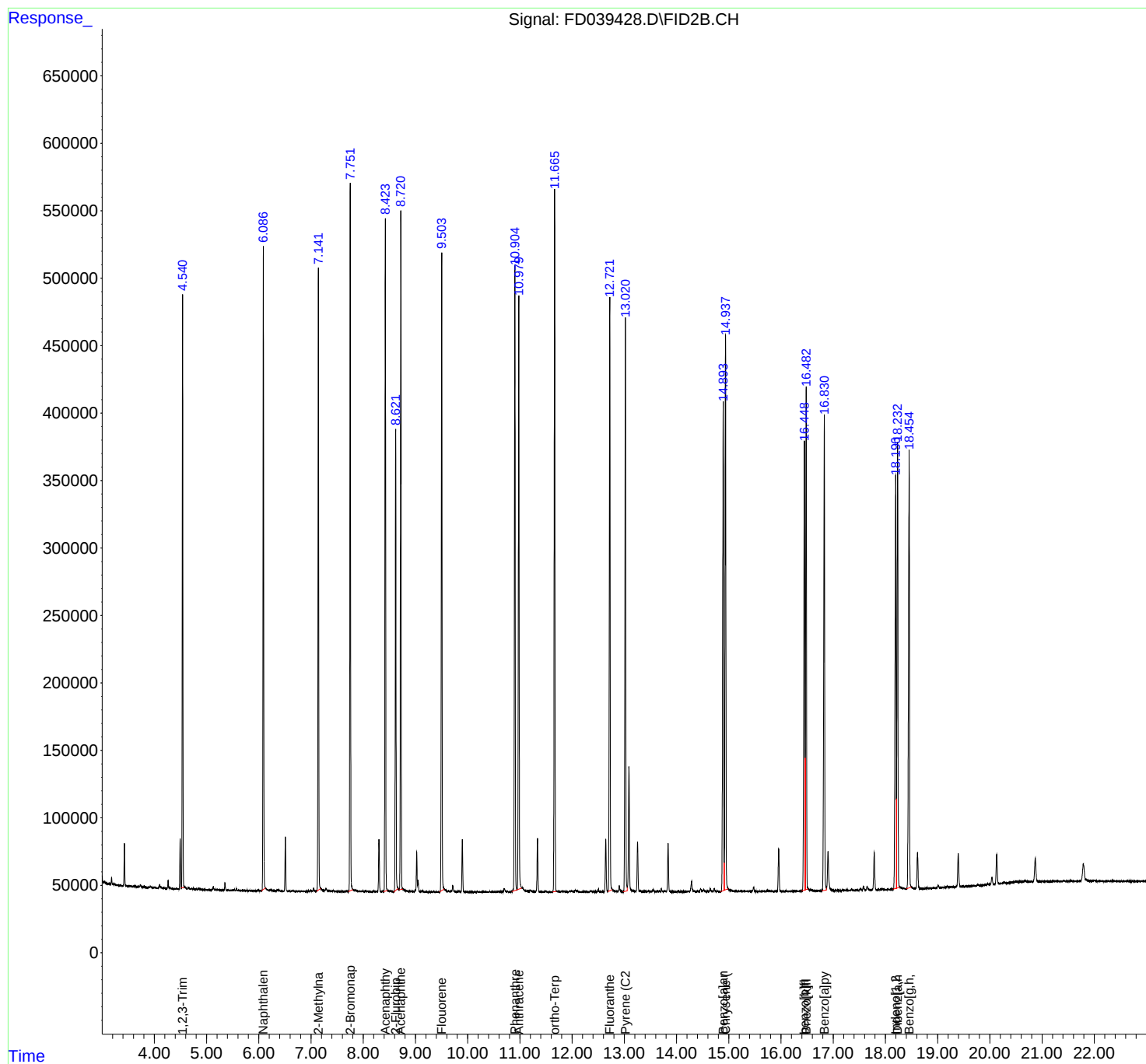
(m)=manual int.

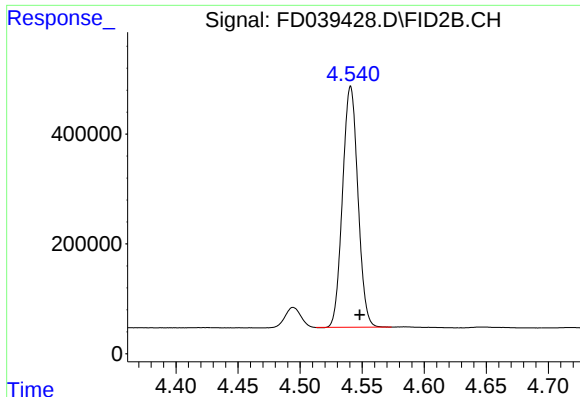
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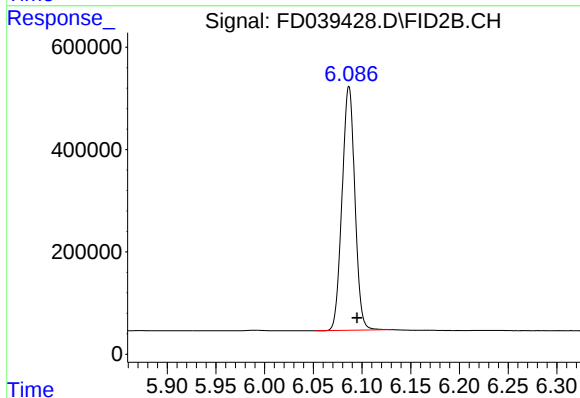




#1 1,2,3-Trimethylbenzene (C10.1)

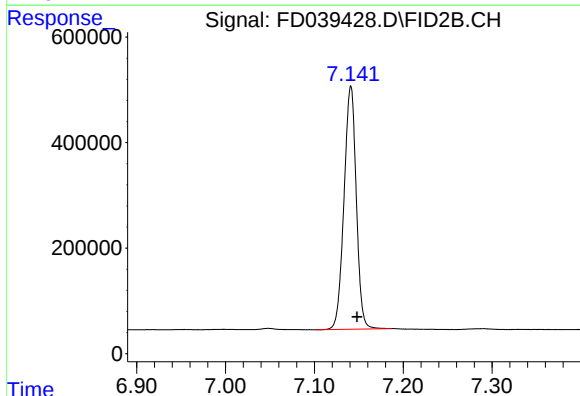
R.T.: 4.541 min
Delta R.T.: -0.007 min
Response: 3786244
Conc: 30.76 ug/ml

Instrument :
FID_D
ClientSampleId :



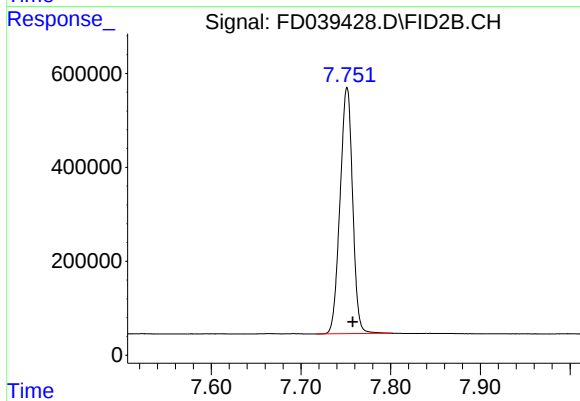
#2 Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 4369354
Conc: 33.71 ug/ml



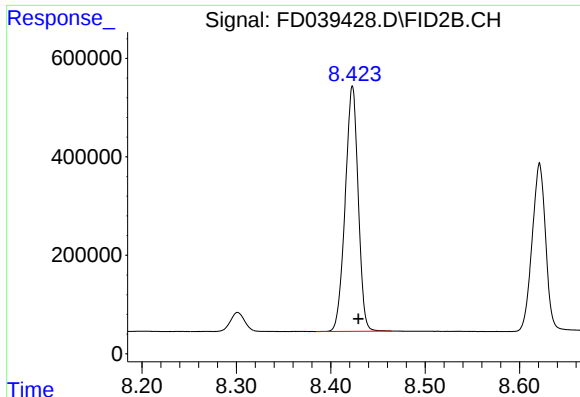
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: -0.007 min
Response: 4415186
Conc: 33.24 ug/ml



#4 2-Bromonaphthalene (SURR)

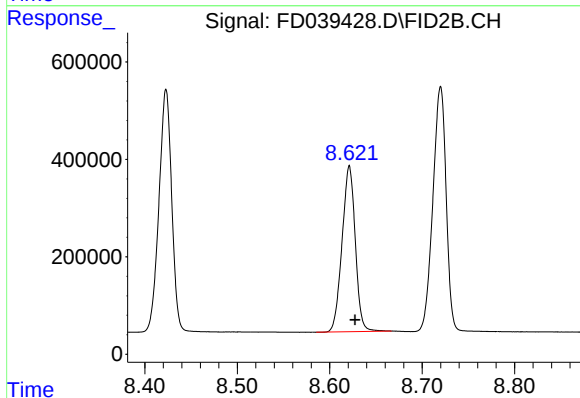
R.T.: 7.752 min
Delta R.T.: -0.006 min
Response: 5105556
Conc: 44.00 ug/ml



#5 Acenaphthylene (C15.06)

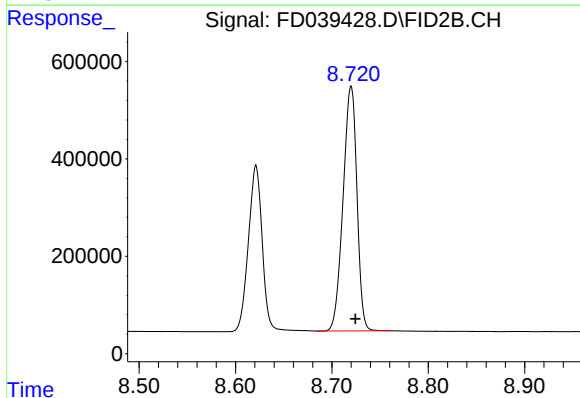
R.T.: 8.423 min
Delta R.T.: -0.006 min
Response: 4769902
Conc: 38.65 ug/ml

Instrument :
FID_D
ClientSampleId :



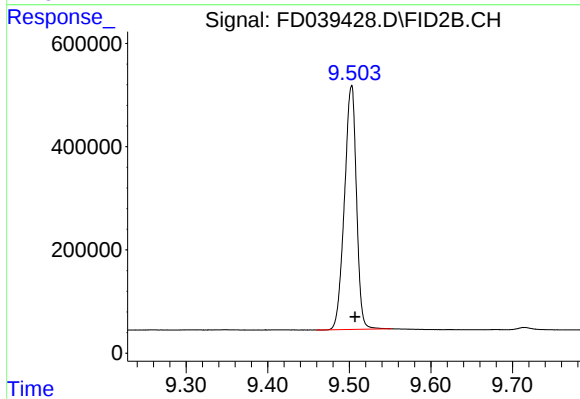
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.621 min
Delta R.T.: -0.006 min
Response: 3382800
Conc: 42.19 ug/ml



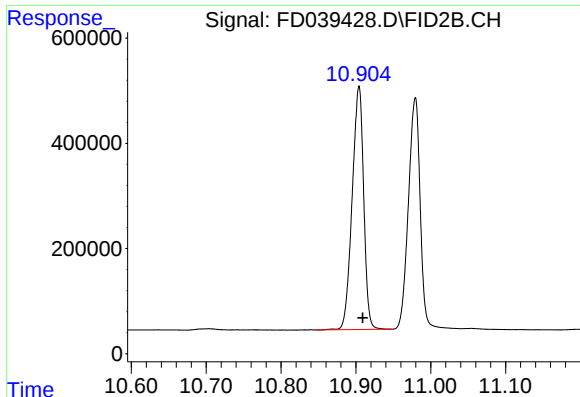
#7 Acenaphthene (C15.5)

R.T.: 8.720 min
Delta R.T.: -0.004 min
Response: 4998029
Conc: 38.32 ug/ml



#8 Fluorene (C16.55)

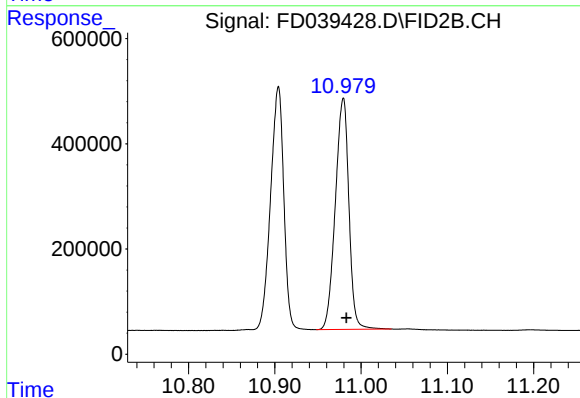
R.T.: 9.503 min
Delta R.T.: -0.004 min
Response: 4829113
Conc: 37.29 ug/ml



#9 Phenanthrene (C19.36)

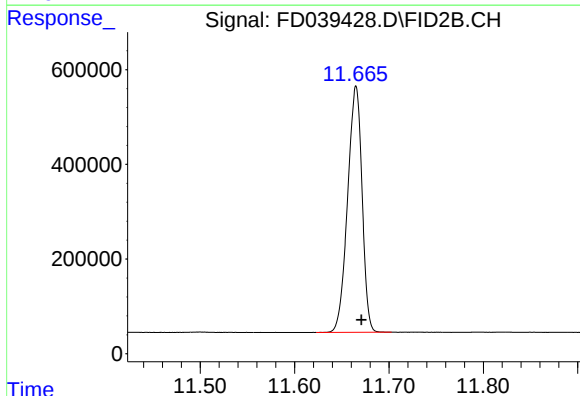
R.T.: 10.904 min
Delta R.T.: -0.005 min
Response: 4941883
Conc: 38.27 ug/ml

Instrument :
FID_D
ClientSampleId :



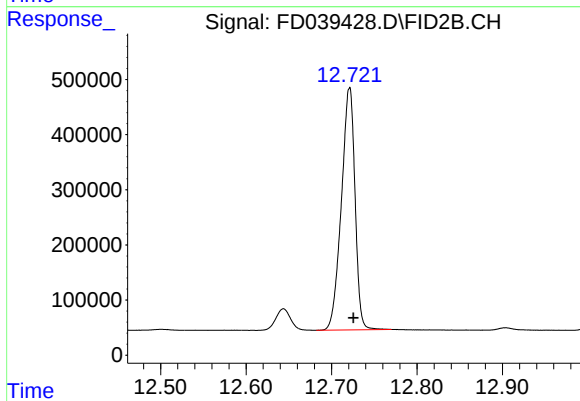
#10 Anthracene (C19.43)

R.T.: 10.979 min
Delta R.T.: -0.004 min
Response: 4801810
Conc: 37.53 ug/ml



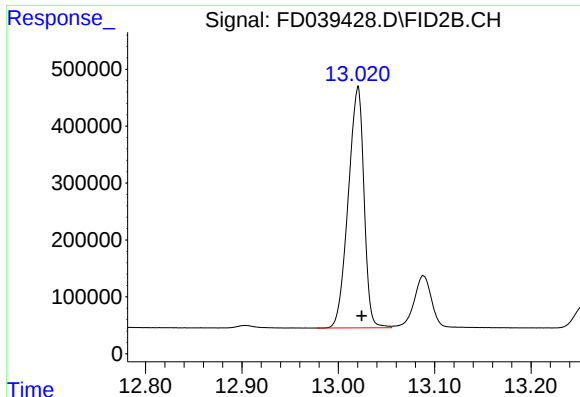
#11 ortho-Terphenyl (SURR)

R.T.: 11.665 min
Delta R.T.: -0.005 min
Response: 5533938
Conc: 43.39 ug/ml



#12 Fluoranthene (C21.85)

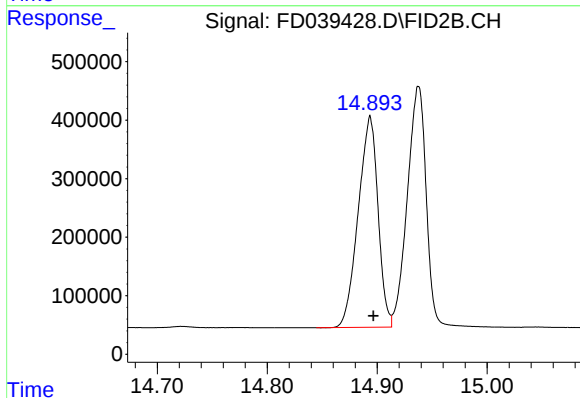
R.T.: 12.721 min
Delta R.T.: -0.004 min
Response: 4874551
Conc: 37.41 ug/ml



#13 Pyrene (C20.8)

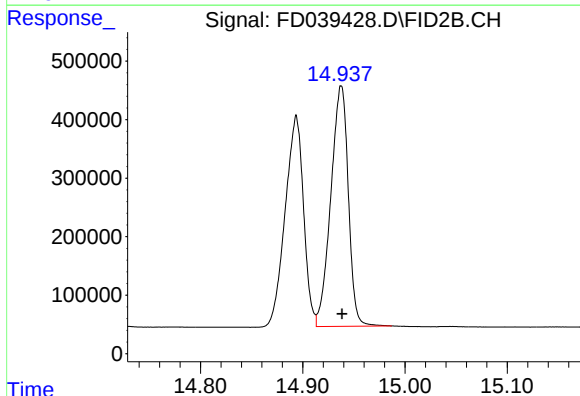
R.T.: 13.020 min
Delta R.T.: -0.004 min
Response: 4793201
Conc: 37.90 ug/ml

Instrument :
FID_D
ClientSampleId :



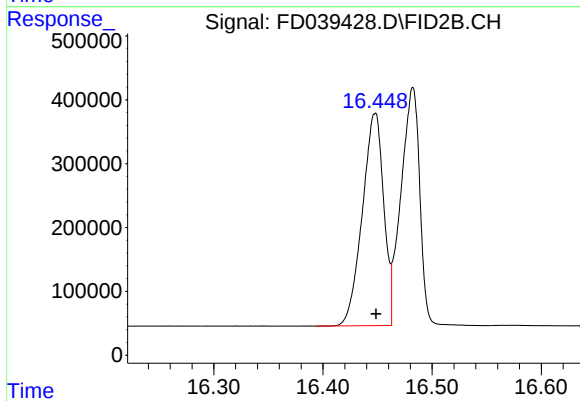
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.894 min
Delta R.T.: -0.003 min
Response: 4503965
Conc: 38.08 ug/ml



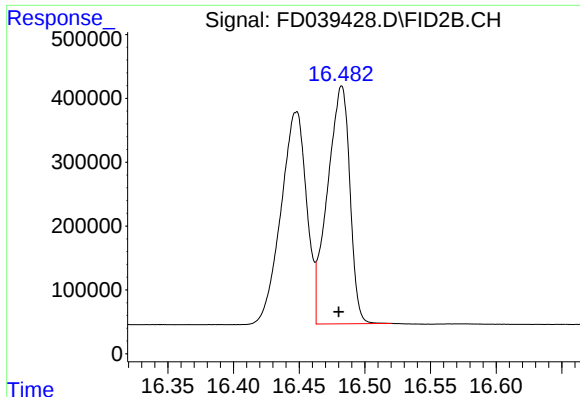
#15 Chrysene (C27.41)

R.T.: 14.938 min
Delta R.T.: 0.000 min
Response: 4895240
Conc: 38.92 ug/ml



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

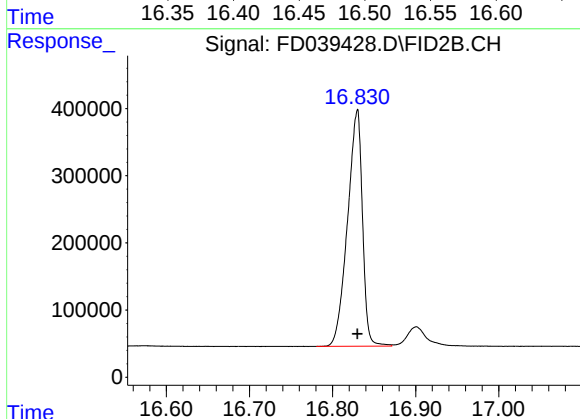
R.T.: 16.448 min
Delta R.T.: 0.000 min
Response: 4522239
Conc: 38.54 ug/ml



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

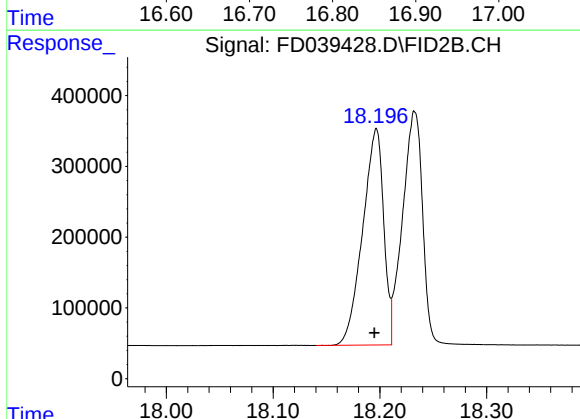
R.T.: 16.482 min
Delta R.T.: 0.002 min
Response: 4427958
Conc: 37.63 ug/ml

Instrument :
FID_D
ClientSampleId :



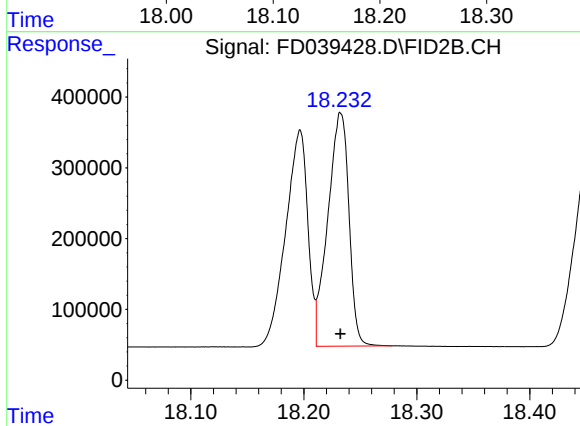
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.830 min
Delta R.T.: 0.000 min
Response: 4393913
Conc: 38.60 ug/ml



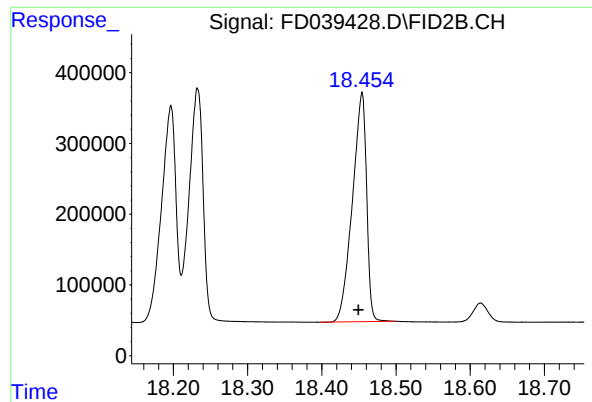
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.197 min
Delta R.T.: 0.002 min
Response: 4172668
Conc: 38.98 ug/ml



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

R.T.: 18.233 min
Delta R.T.: 0.000 min
Response: 4282721
Conc: 40.17 ug/ml



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

R.T.: 18.454 min
Delta R.T.: 0.005 min
Response: 4295493
Conc: 40.70 ug/ml

Instrument :
FID_D
ClientSampleId :