

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039892.D
 Signal(s) : FID2B.CH
 Acq On : 14 Dec 2021 19:54
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 10:22:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:21:22 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...	6.946	714015	5.028 ug/ml
Spiked Amount 50.000		Recovery =	10.06%
6) S 2-Fluorobiphenyl (SURR)	7.801	495617	5.056 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.11%
11) S ortho-Terphenyl (SURR)	10.844	765526	5.036 ug/ml
Spiked Amount 50.000		Recovery =	10.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.779	759819	5.022 ug/ml
2) T Naphthalene (C11.7)	5.291	806080	5.020 ug/ml
3) T 2-Methylnaphthalene (...)	6.336	812196	4.998 ug/ml
5) T Acenaphthylene (C15.06)	7.606	747778	4.998 ug/ml
7) T Acenaphthene (C15.5)	7.900	798948	5.036 ug/ml
8) T Flouorene (C16.55)	8.679	789450	5.022 ug/ml
9) T Phenanthrene (C19.36)	10.071	774761	4.992 ug/ml
10) T Anthracene (C19.43)	10.144	745070	4.990 ug/ml
12) T Fluoranthene (C21.85)	11.878	757160	4.938 ug/ml
13) T Pyrene (C20.8)	12.174	741741	4.970 ug/ml
14) T Benzo[a]anthracene (C...	14.042	657596	4.843 ug/ml
15) T Chrysene (C27.41)	14.083	683811	4.830 ug/ml
16) T benzo[b]fluoranthene ...	15.587	651943	4.826 ug/ml
17) T Bnezo[k]fluoranthene ...	15.620	709456	5.308 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.963	627745	4.804 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.324	595312	4.827 ug/ml
20) T Dibenz[a,h]anthracene...	17.368	610747	4.976 ug/ml
21) T Benzo[g,h,i]perylene ...	17.576	616176	4.916 ug/ml

(f)=RT Delta > 1/2 Window

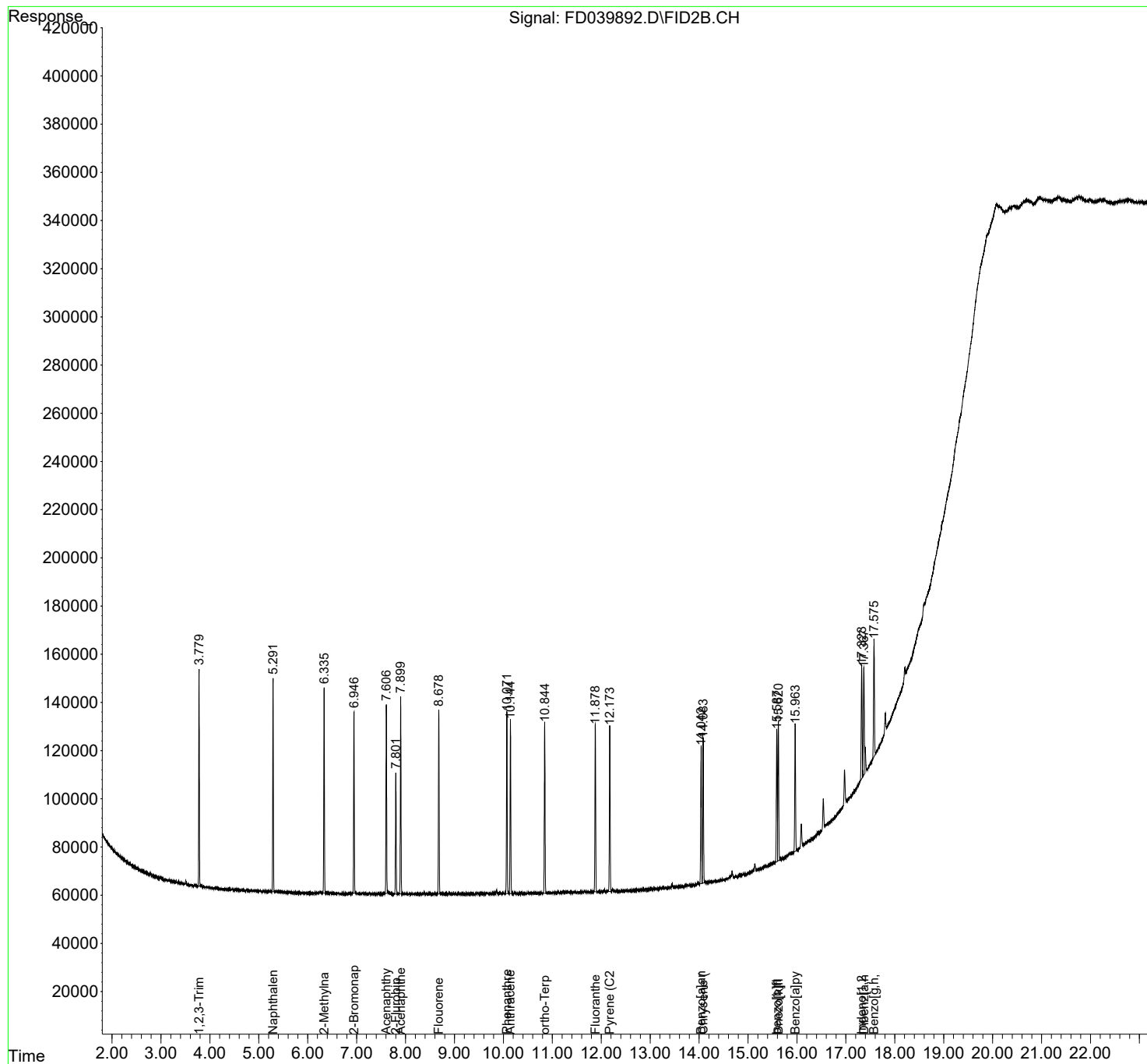
(m)=manual int.

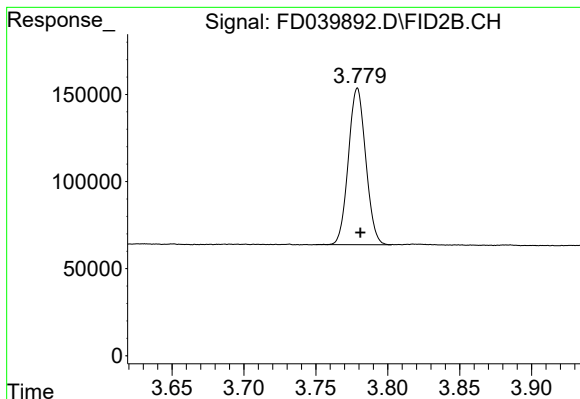
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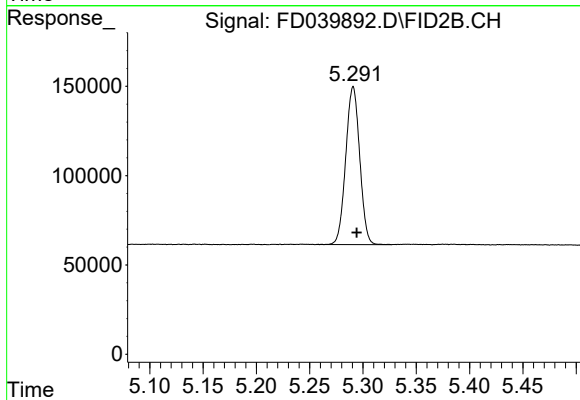




#1 1,2,3-Trimethylbenzene (C10.1)

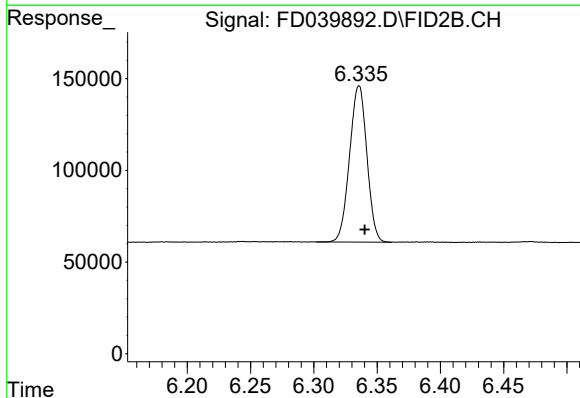
R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 759819
Conc: 5.02 ug/ml

Instrument :
FID_D
ClientSampleId :



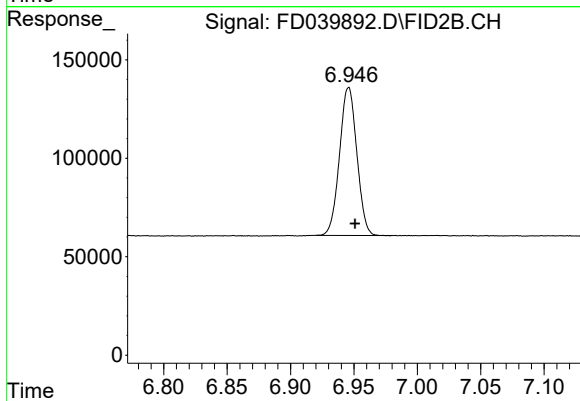
#2 Naphthalene (C11.7)

R.T.: 5.291 min
Delta R.T.: -0.003 min
Response: 806080
Conc: 5.02 ug/ml



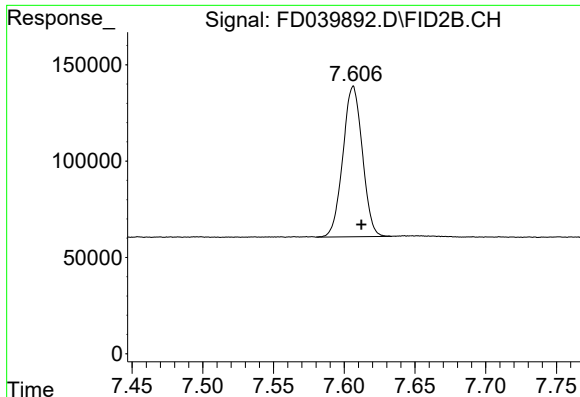
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.336 min
Delta R.T.: -0.004 min
Response: 812196
Conc: 5.00 ug/ml



#4 2-Bromonaphthalene (SURR)

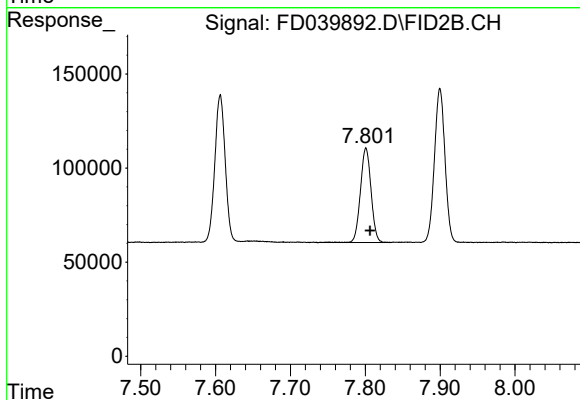
R.T.: 6.946 min
Delta R.T.: -0.005 min
Response: 714015
Conc: 5.03 ug/ml



#5 Acenaphthylene (C15.06)

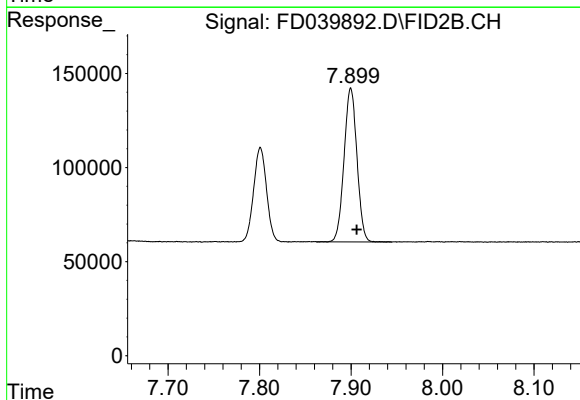
R.T.: 7.606 min
Delta R.T.: -0.006 min
Response: 747778
Conc: 5.00 ug/ml

Instrument :
FID_D
ClientSampleId :



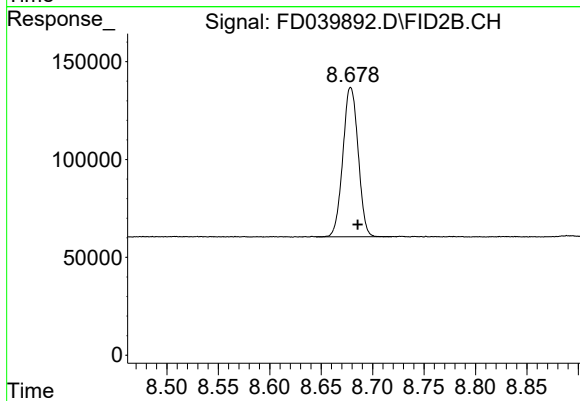
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.801 min
Delta R.T.: -0.006 min
Response: 495617
Conc: 5.06 ug/ml



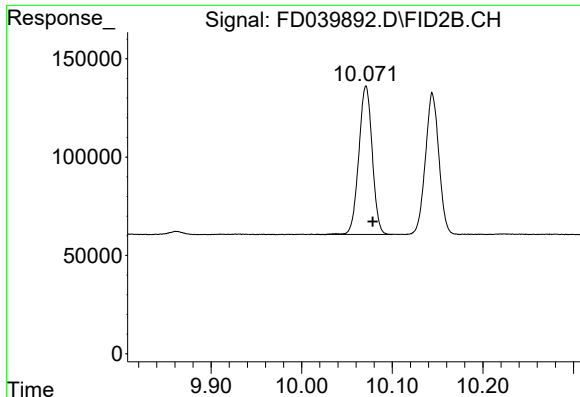
#7 Acenaphthene (C15.5)

R.T.: 7.900 min
Delta R.T.: -0.006 min
Response: 798948
Conc: 5.04 ug/ml



#8 Fluorene (C16.55)

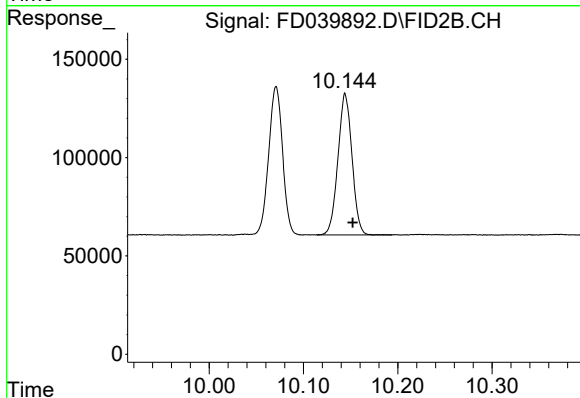
R.T.: 8.679 min
Delta R.T.: -0.007 min
Response: 789450
Conc: 5.02 ug/ml



#9 Phenanthrene (C19.36)

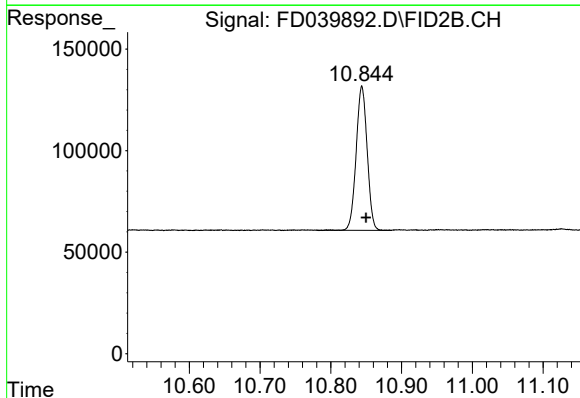
R.T.: 10.071 min
Delta R.T.: -0.007 min
Response: 774761
Conc: 4.99 ug/ml

Instrument :
FID_D
ClientSampleId :



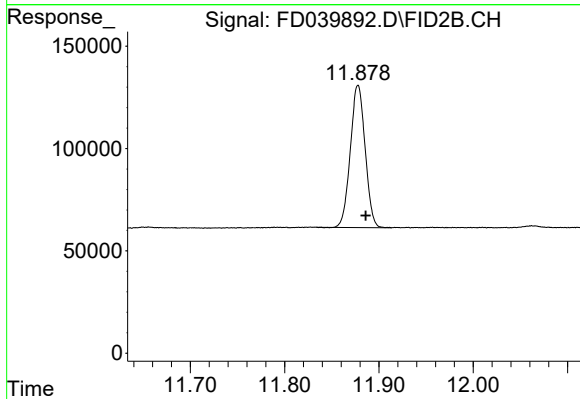
#10 Anthracene (C19.43)

R.T.: 10.144 min
Delta R.T.: -0.008 min
Response: 745070
Conc: 4.99 ug/ml



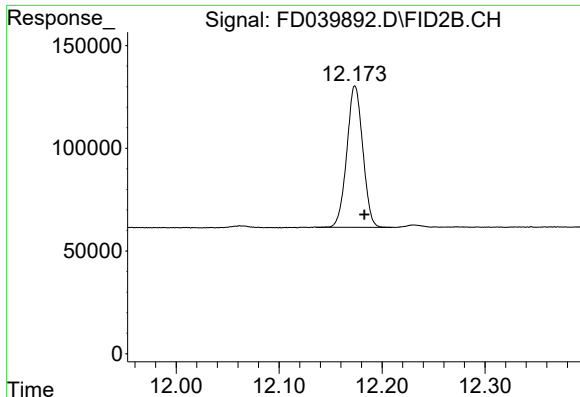
#11 ortho-Terphenyl (SURR)

R.T.: 10.844 min
Delta R.T.: -0.006 min
Response: 765526
Conc: 5.04 ug/ml



#12 Fluoranthene (C21.85)

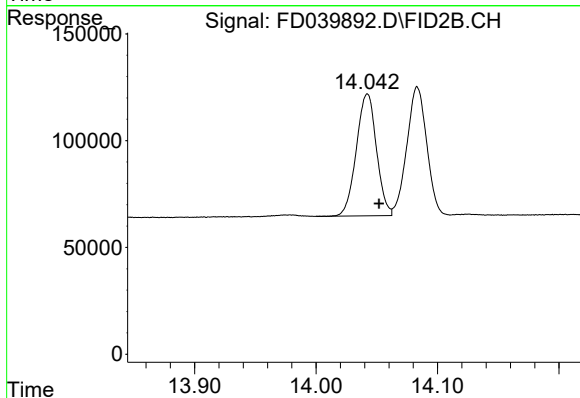
R.T.: 11.878 min
Delta R.T.: -0.008 min
Response: 757160
Conc: 4.94 ug/ml



#13 Pyrene (C20.8)

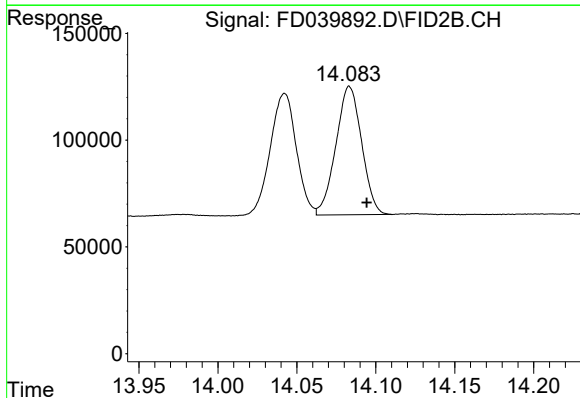
R.T.: 12.174 min
Delta R.T.: -0.009 min
Response: 741741
Conc: 4.97 ug/ml

Instrument :
FID_D
ClientSampleId :



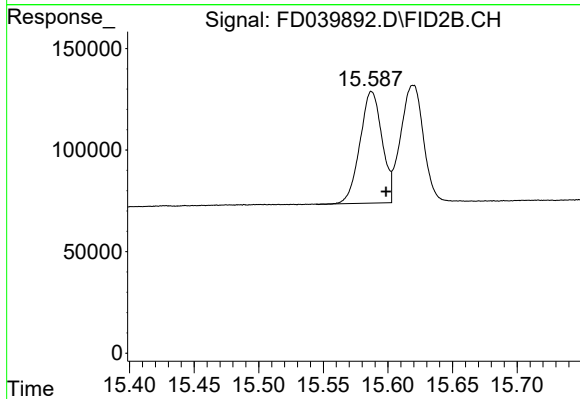
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.042 min
Delta R.T.: -0.009 min
Response: 657596
Conc: 4.84 ug/ml



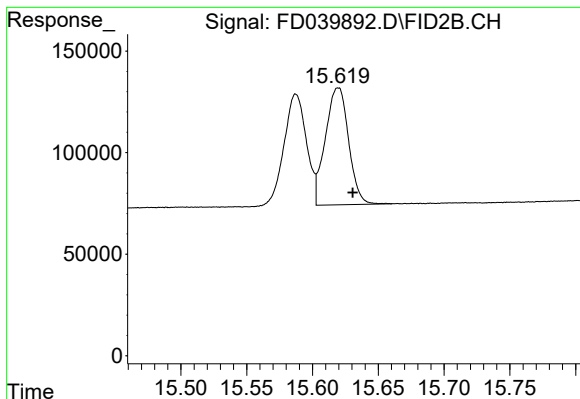
#15 Chrysene (C27.41)

R.T.: 14.083 min
Delta R.T.: -0.011 min
Response: 683811
Conc: 4.83 ug/ml



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

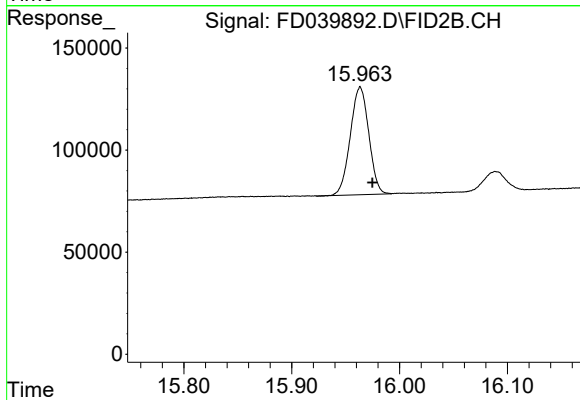
R.T.: 15.587 min
Delta R.T.: -0.011 min
Response: 651943
Conc: 4.83 ug/ml



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

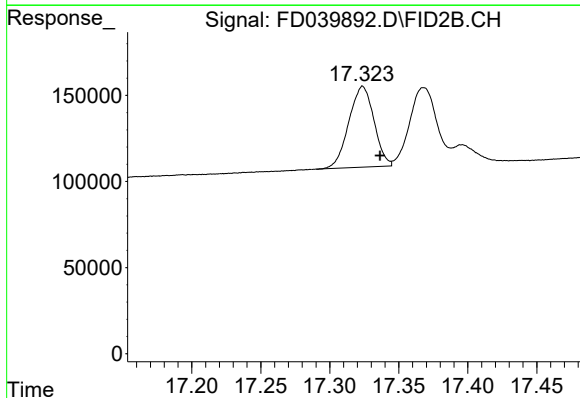
R.T.: 15.620 min
Delta R.T.: -0.011 min
Response: 709456
Conc: 5.31 ug/ml

Instrument :
FID_D
ClientSampleId :



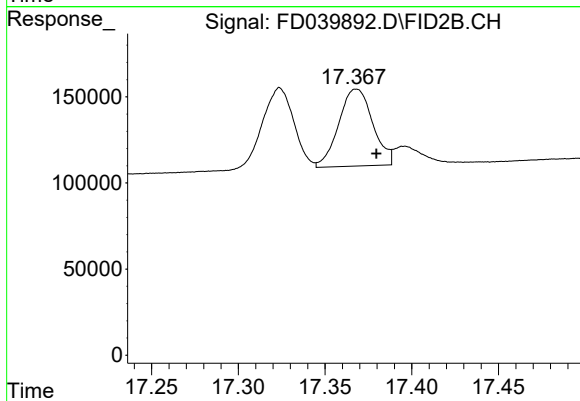
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.963 min
Delta R.T.: -0.011 min
Response: 627745
Conc: 4.80 ug/ml



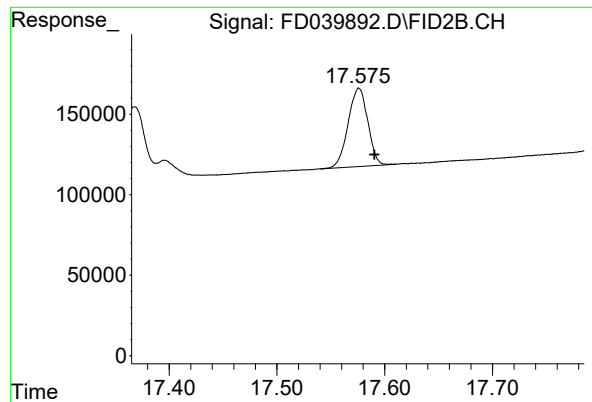
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.324 min
Delta R.T.: -0.013 min
Response: 595312
Conc: 4.83 ug/ml



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

R.T.: 17.368 min
Delta R.T.: -0.011 min
Response: 610747
Conc: 4.98 ug/ml



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

R.T.: 17.576 min
Delta R.T.: -0.014 min
Response: 616176
Conc: 4.92 ug/ml

Instrument :

FID_D

ClientSampleId :