

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072221AR\
 Data File : FD038319.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jul 2021 14:20
 Operator : AJ\MA
 Sample : PB137865BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB137865BSD

Integration File: autoint1.e
 Quant Time: Jul 23 01:40:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.514	6826341	52.378 ug/ml
Spiked Amount 50.000		Recovery =	104.76%
6) S 2-Fluorobiphenyl (SURR)	8.375	4484410	50.676 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.35%
11) S ortho-Terphenyl (SURR)	11.412	6531183	43.096 ug/ml
Spiked Amount 50.000		Recovery =	86.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.318	5415481	38.233 ug/ml
2) T Naphthalene (C11.7)	5.851	6268499	42.399 ug/ml
3) T 2-Methylnaphthalene (...)	6.904	6223159	42.403 ug/ml
5) T Acenaphthylene (C15.06)	8.177	6544308	43.870 ug/ml
7) T Acenaphthene (C15.5)	8.474	6905708	44.600 ug/ml
8) T Fluorene (C16.55)	9.254	6686526	45.613 ug/ml
9) T Phenanthrene (C19.36)	10.649	6507379	45.017 ug/ml
10) T Anthracene (C19.43)	10.726	6484796	45.838 ug/ml
12) T Fluoranthene (C21.85)	12.461	6548690	45.203 ug/ml
13) T Pyrene (C20.8)	12.758	6571756	46.121 ug/ml
14) T Benzo[a]anthracene (C...	14.632	6330240	49.579 ug/ml
15) T Chrysene (C27.41)	14.676	7153993	50.532 ug/ml
16) T benzo[b]fluoranthene ...	16.186	6597539	52.907 ug/ml
17) T Bnezo[k]fluoranthene ...	16.223	6611157	50.397 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	6563372	55.952 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.939	6069530	58.641 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	6375589	54.090 ug/ml
21) T Benzo[g,h,i]perylene ...	18.196	6398917	58.624 ug/ml

(f)=RT Delta > 1/2 Window

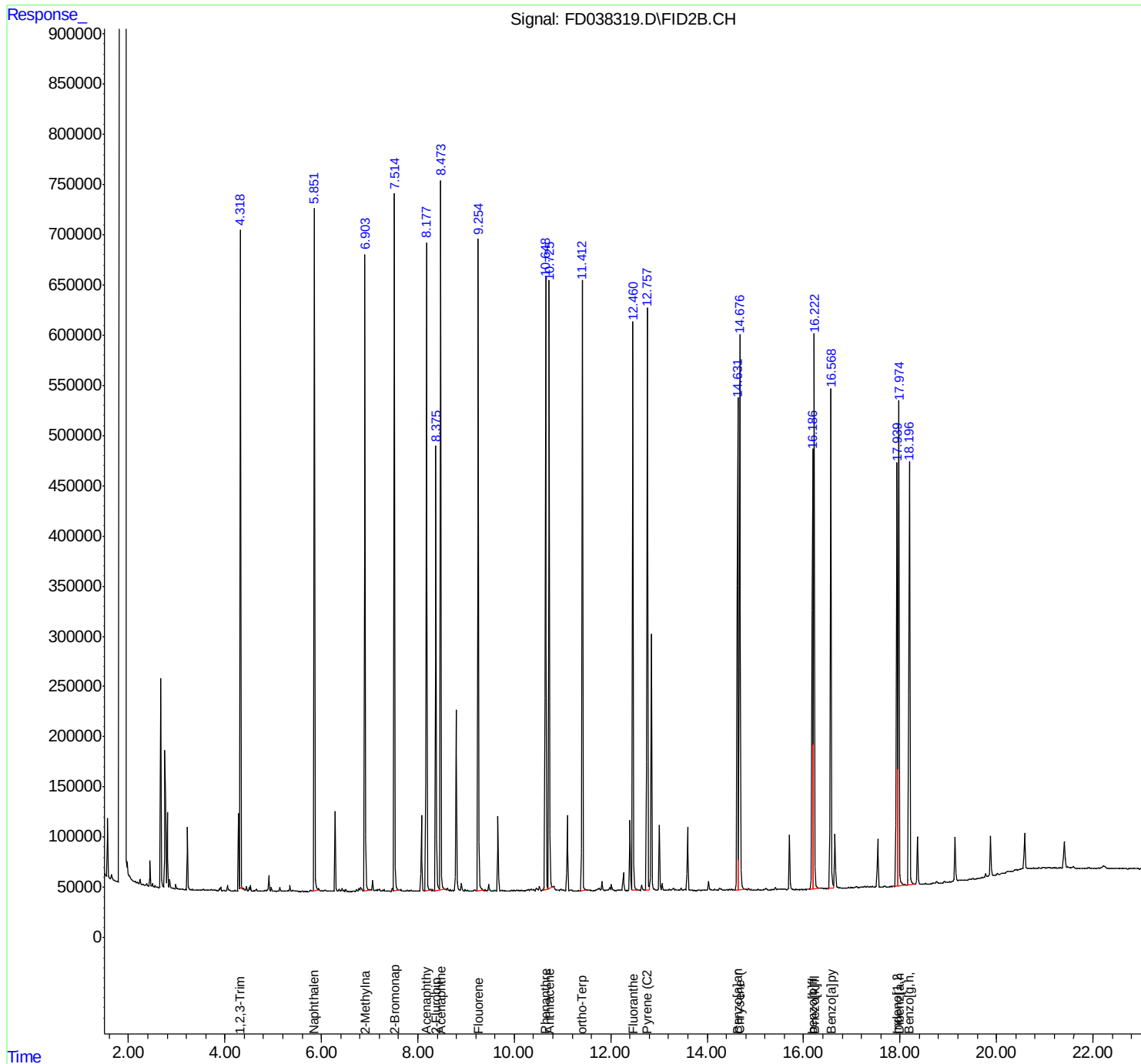
(m)=manual int.

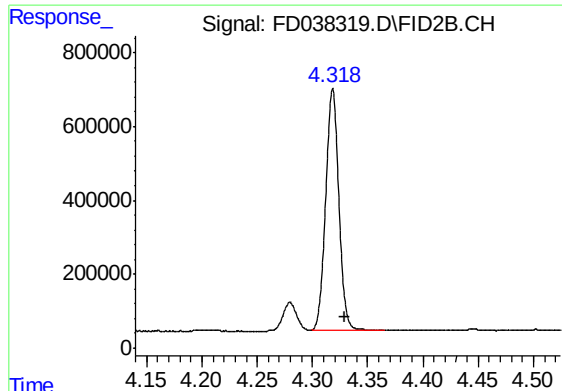
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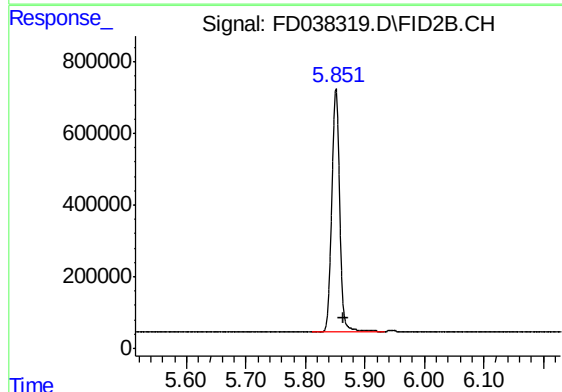




#1 1,2,3-Trimethylbenzene (C10.1)

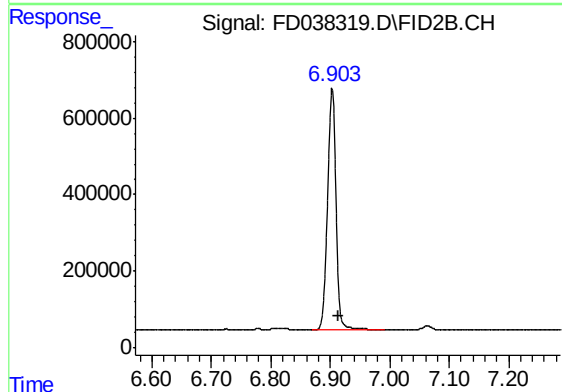
R.T.: 4.318 min
Delta R.T.: -0.011 min
Response: 5415481
Conc: 38.23 ug/ml

Instrument :
FID_D
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PB137865BSD



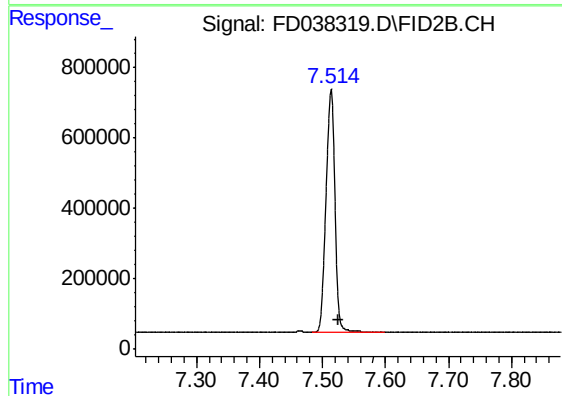
#2 Naphthalene (C11.7)

R.T.: 5.851 min
Delta R.T.: -0.012 min
Response: 6268499
Conc: 42.40 ug/ml



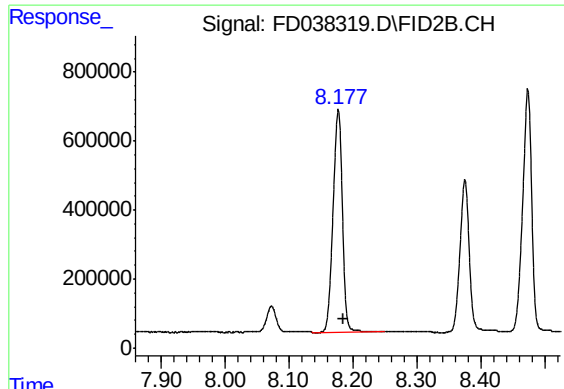
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.904 min
Delta R.T.: -0.011 min
Response: 6223159
Conc: 42.40 ug/ml



#4 2-Bromonaphthalene (SURR)

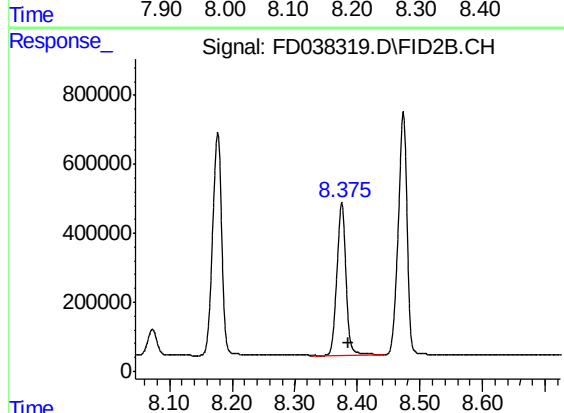
R.T.: 7.514 min
Delta R.T.: -0.011 min
Response: 6826341
Conc: 52.38 ug/ml



#5 Acenaphthylene (C15.06)

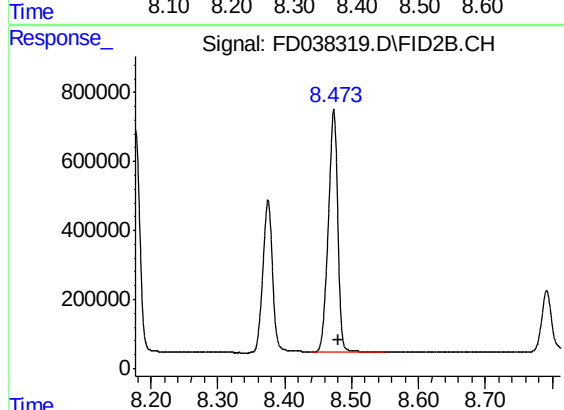
R.T.: 8.177 min
Delta R.T.: -0.008 min
Response: 6544308
Conc: 43.87 ug/ml

Instrument :
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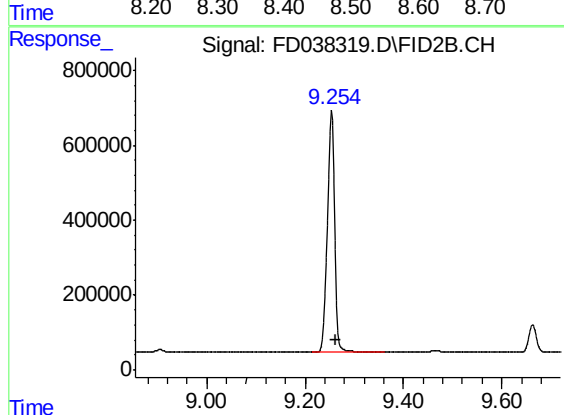
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.375 min
Delta R.T.: -0.011 min
Response: 4484410
Conc: 50.68 ug/ml



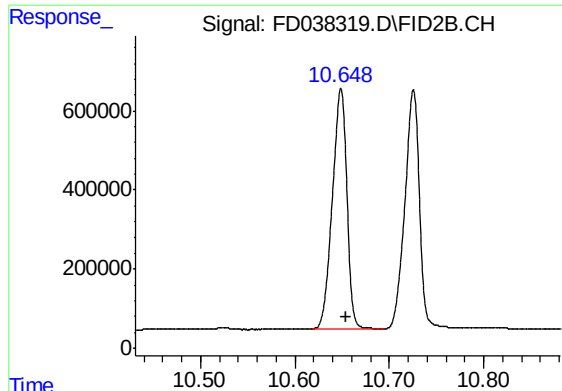
#7 Acenaphthene (C15.5)

R.T.: 8.474 min
Delta R.T.: -0.006 min
Response: 6905708
Conc: 44.60 ug/ml



#8 Flouorene (C16.55)

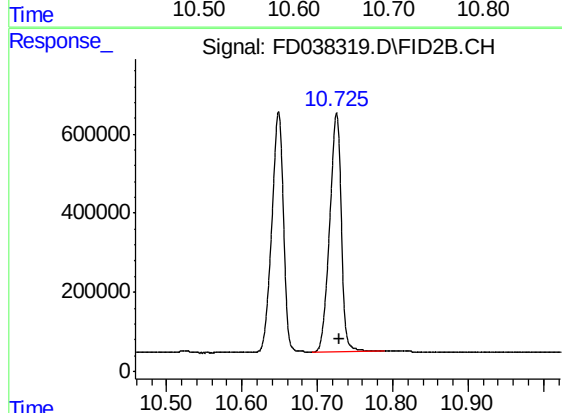
R.T.: 9.254 min
Delta R.T.: -0.007 min
Response: 6686526
Conc: 45.61 ug/ml



#9 Phenanthrene (C19.36)

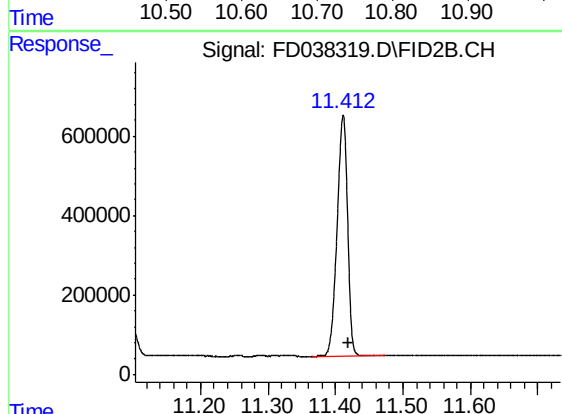
R.T.: 10.649 min
Delta R.T.: -0.006 min
Response: 6507379
Conc: 45.02 ug/ml

Instrument :
FID_D
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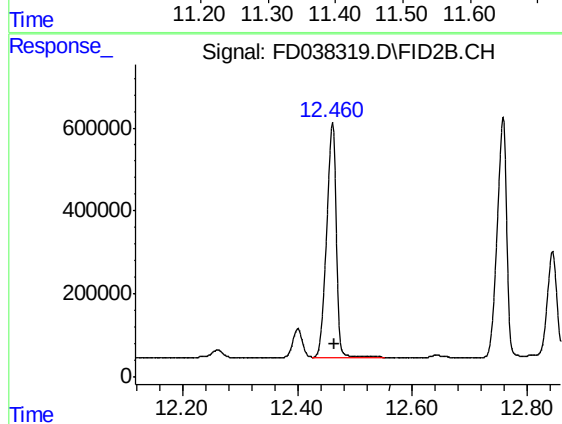
#10 Anthracene (C19.43)

R.T.: 10.726 min
Delta R.T.: -0.005 min
Response: 6484796
Conc: 45.84 ug/ml



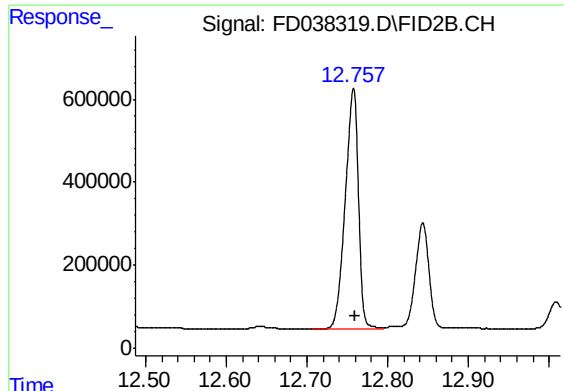
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: -0.007 min
Response: 6531183
Conc: 43.10 ug/ml



#12 Fluoranthene (C21.85)

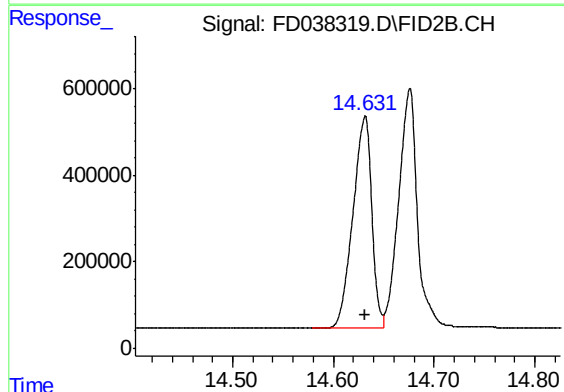
R.T.: 12.461 min
Delta R.T.: -0.003 min
Response: 6548690
Conc: 45.20 ug/ml



#13 Pyrene (C20.8)

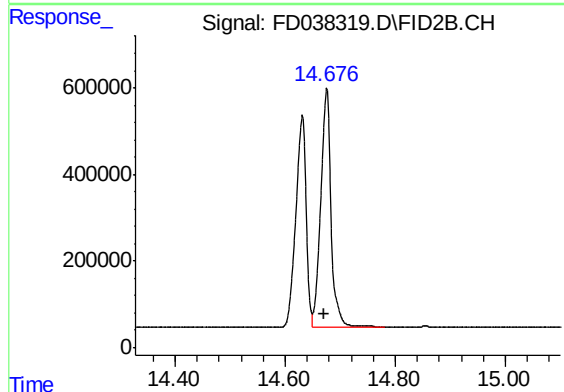
R.T.: 12.758 min
Delta R.T.: -0.002 min
Response: 6571756
Conc: 46.12 ug/ml

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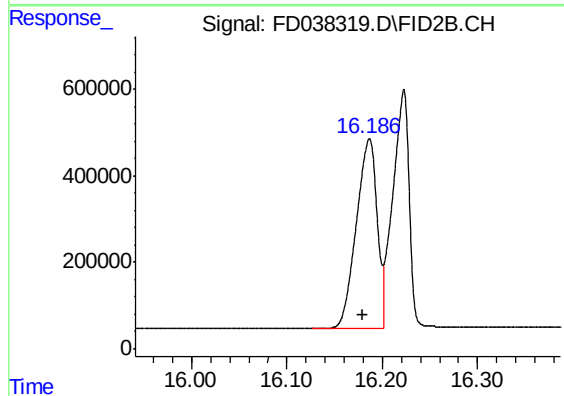
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.632 min
Delta R.T.: 0.000 min
Response: 6330240
Conc: 49.58 ug/ml



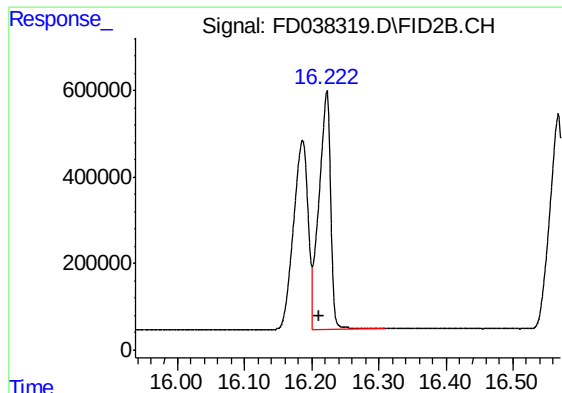
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: 0.004 min
Response: 7153993
Conc: 50.53 ug/ml



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

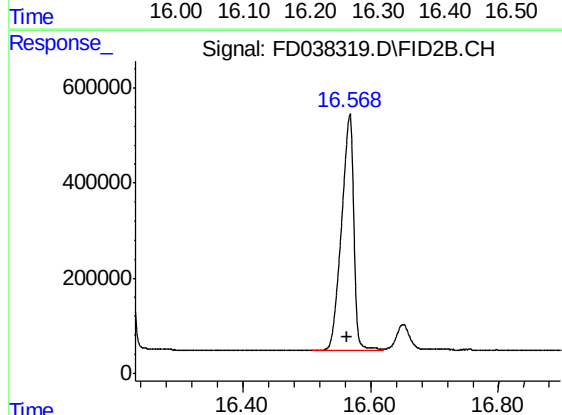
R.T.: 16.186 min
Delta R.T.: 0.006 min
Response: 6597539
Conc: 52.91 ug/ml



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

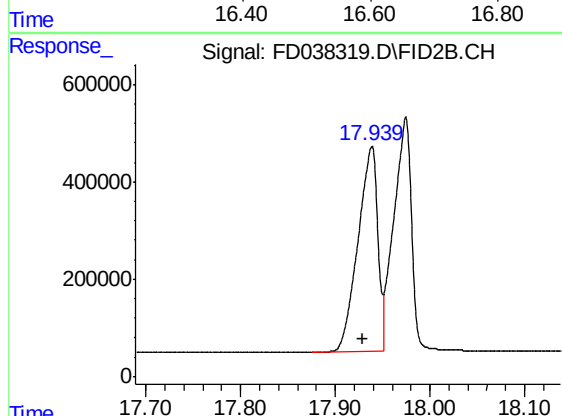
R.T.: 16.223 min
Delta R.T.: 0.011 min
Response: 6611157
Conc: 50.40 ug/ml

Instrument :
FID_D
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PB137865BSD



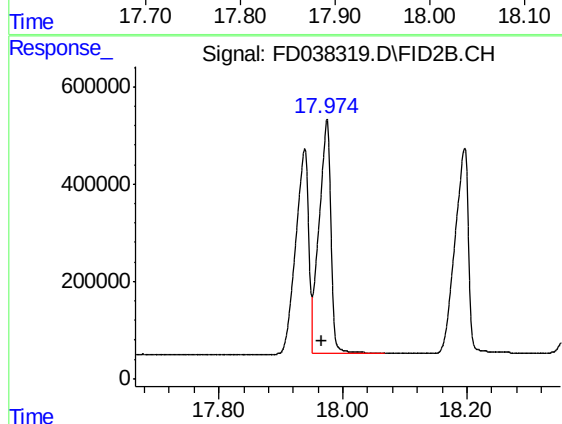
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: 0.004 min
Response: 6563372
Conc: 55.95 ug/ml



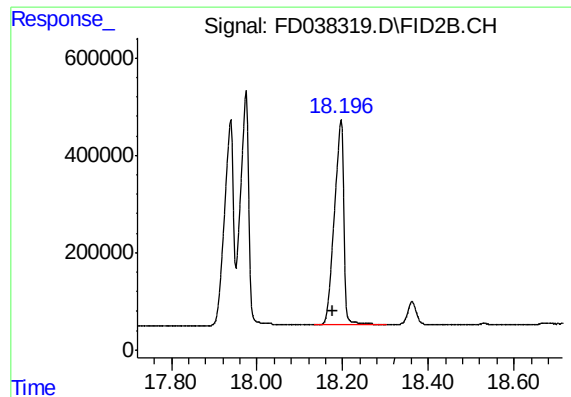
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.939 min
Delta R.T.: 0.009 min
Response: 6069530
Conc: 58.64 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.009 min
Response: 6375589
Conc: 54.09 ug/ml



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

R.T.: 18.196 min
Delta R.T.: 0.018 min
Response: 6398917
Conc: 58.62 ug/ml

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