

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031221AR\
 Data File : FD036373.D
 Signal(s) : FID2B.CH
 Acq On : 12 Mar 2021 18:34
 Operator : DD\AJ
 Sample : PB135136BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 12 23:22:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.600	5180752	43.953 ug/ml
Spiked Amount 50.000		Recovery =	87.91%
6) S 2-Fluorobiphenyl (SURR)	8.461	3611884	43.401 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.80%
11) S ortho-Terphenyl (SURR)	11.502	4988579	35.409 ug/ml
Spiked Amount 50.000		Recovery =	70.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.402	4463833	35.603 ug/ml
2) T Naphthalene (C11.7)	5.938	5276861	38.941 ug/ml
3) T 2-Methylnaphthalene (...)	6.990	5624240	41.187 ug/ml
5) T Acenaphthylene (C15.06)	8.265	5922263	44.018 ug/ml
7) T Acenaphthene (C15.5)	8.562	5881739	42.494 ug/ml
8) T Fluorene (C16.55)	9.341	6141201	45.000 ug/ml
9) T Phenanthrene (C19.36)	10.737	6632490	48.139 ug/ml
10) T Anthracene (C19.43)	10.813	6621512	49.320 ug/ml
12) T Fluoranthene (C21.85)	12.548	6859405	49.393 ug/ml
13) T Pyrene (C20.8)	12.846	6816170	49.717 ug/ml
14) T Benzo[a]anthracene (C...	14.715	6382805	50.463 ug/ml
15) T Chrysene (C27.41)	14.760	6944181	53.623 ug/ml
16) T benzo[b]fluoranthene ...	16.264	6324068	51.963 ug/ml
17) T Bnezo[k]fluoranthene ...	16.300	6051860	51.393 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.643	6177119	56.014 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.007	5954682	53.820 ug/ml
20) T Dibenz[a,h]anthracene...	18.046	5496363	49.668 ug/ml
21) T Benzo[g,h,i]perylene ...	18.264	5722561	51.754 ug/ml

(f)=RT Delta > 1/2 Window

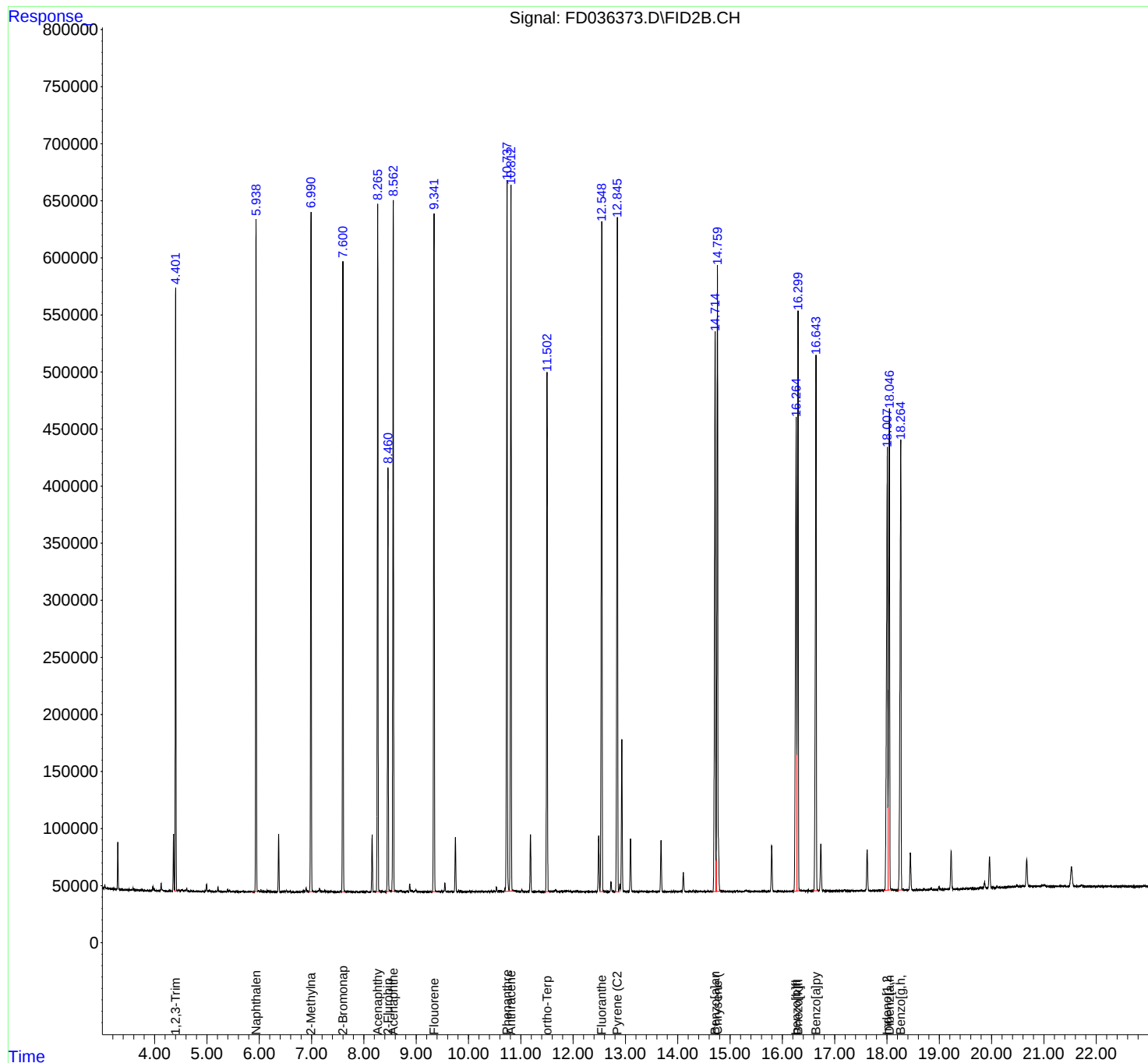
(m)=manual int.

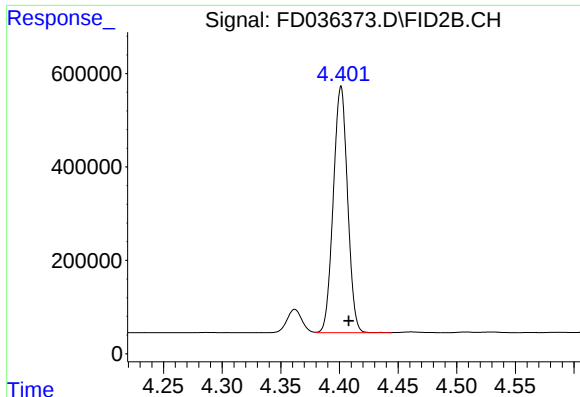
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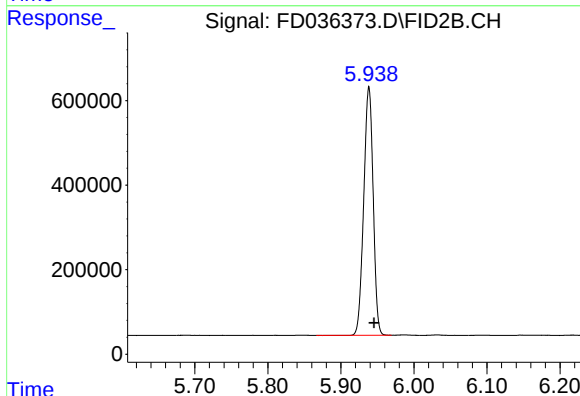




#1 1,2,3-Trimethylbenzene (C10.1)

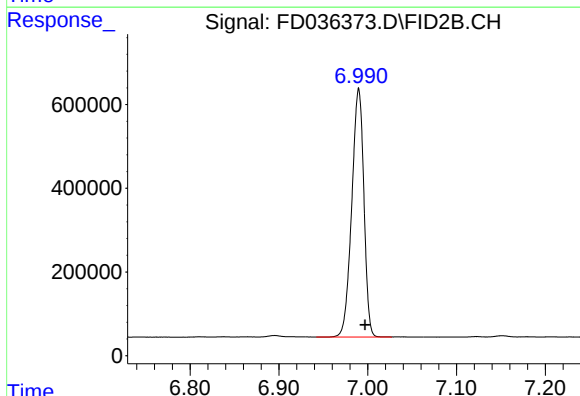
R.T.: 4.402 min
Delta R.T.: -0.006 min
Response: 4463833
Conc: 35.60 ug/ml

Instrument :
FID_D
ClientSampleId :



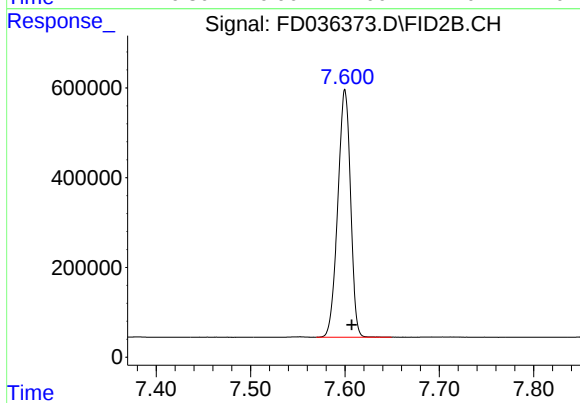
#2 Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.007 min
Response: 5276861
Conc: 38.94 ug/ml



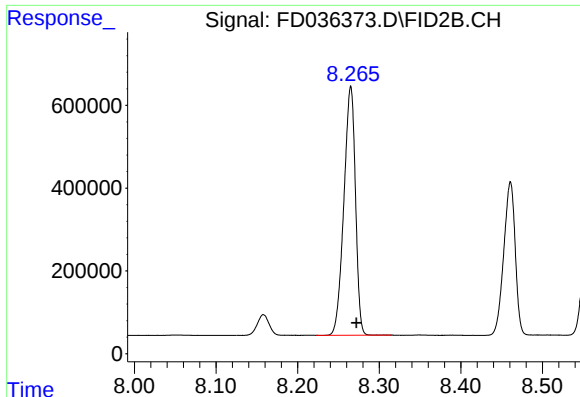
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.990 min
Delta R.T.: -0.007 min
Response: 5624240
Conc: 41.19 ug/ml



#4 2-Bromonaphthalene (SURR)

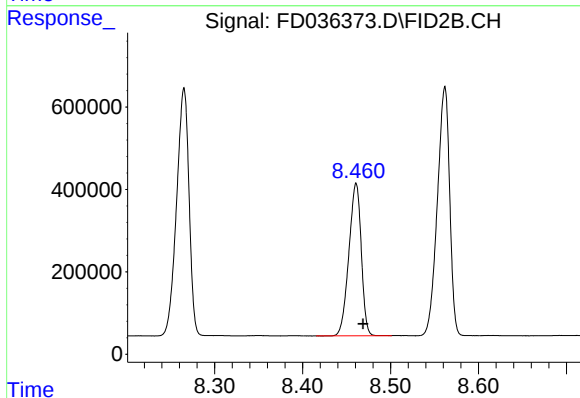
R.T.: 7.600 min
Delta R.T.: -0.007 min
Response: 5180752
Conc: 43.95 ug/ml



#5 Acenaphthylene (C15.06)

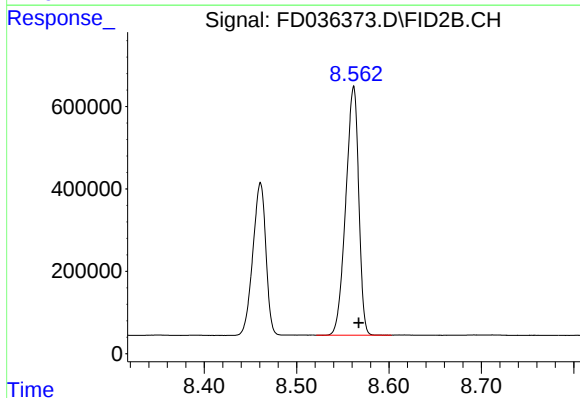
R.T.: 8.265 min
Delta R.T.: -0.007 min
Response: 5922263
Conc: 44.02 ug/ml

Instrument :
FID_D
ClientSampleId :



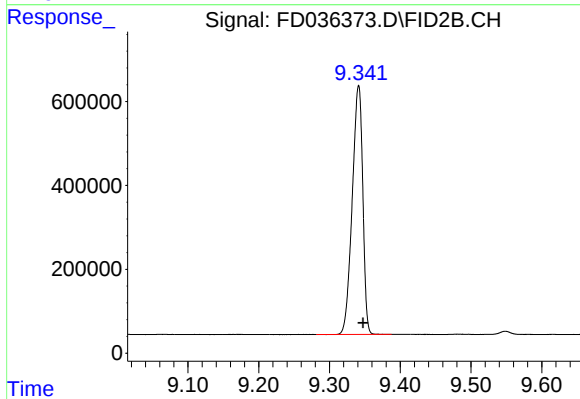
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.461 min
Delta R.T.: -0.008 min
Response: 3611884
Conc: 43.40 ug/ml



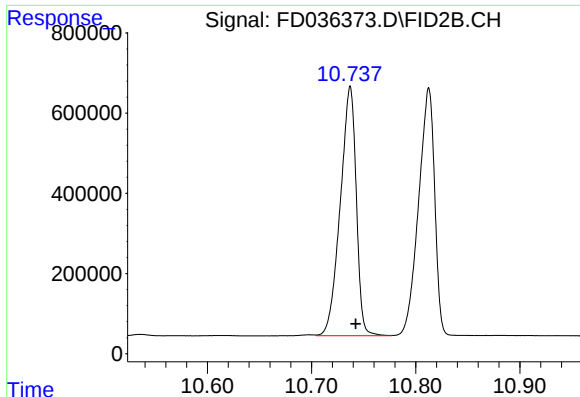
#7 Acenaphthene (C15.5)

R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 5881739
Conc: 42.49 ug/ml



#8 Flouorene (C16.55)

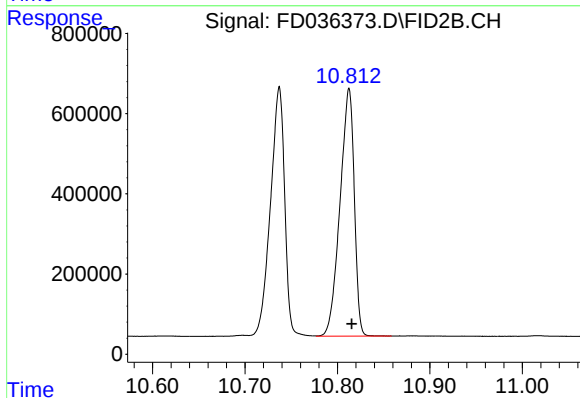
R.T.: 9.341 min
Delta R.T.: -0.006 min
Response: 6141201
Conc: 45.00 ug/ml



#9 Phenanthrene (C19.36)

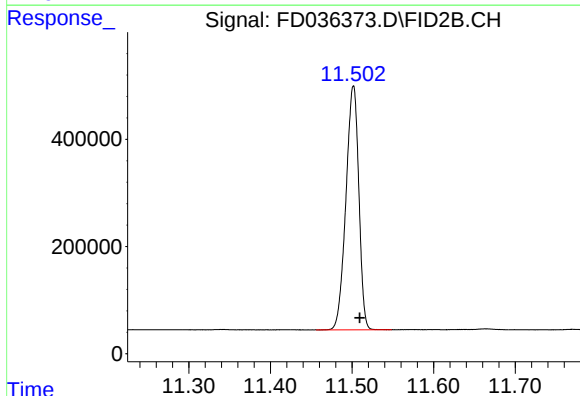
R.T.: 10.737 min
Delta R.T.: -0.005 min
Response: 6632490
Conc: 48.14 ug/ml

Instrument :
FID_D
ClientSampleId :



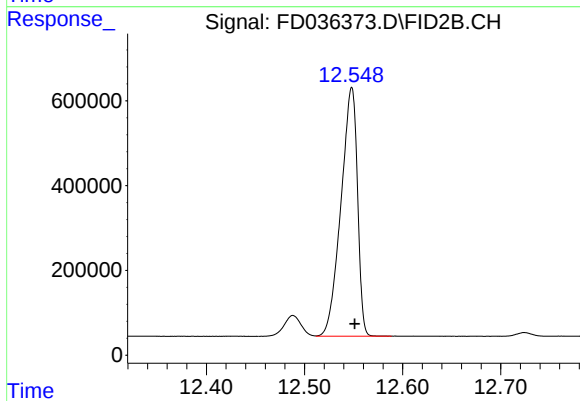
#10 Anthracene (C19.43)

R.T.: 10.813 min
Delta R.T.: -0.003 min
Response: 6621512
Conc: 49.32 ug/ml



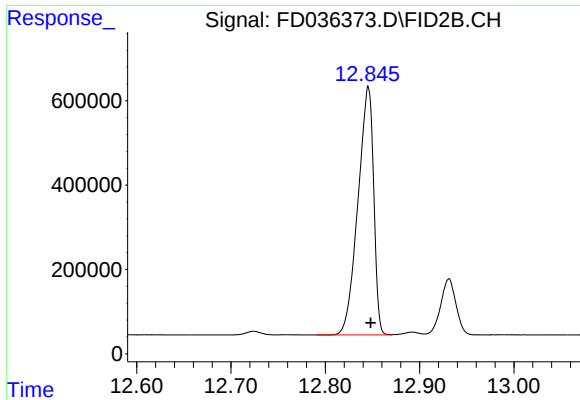
#11 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: -0.008 min
Response: 4988579
Conc: 35.41 ug/ml



#12 Fluoranthene (C21.85)

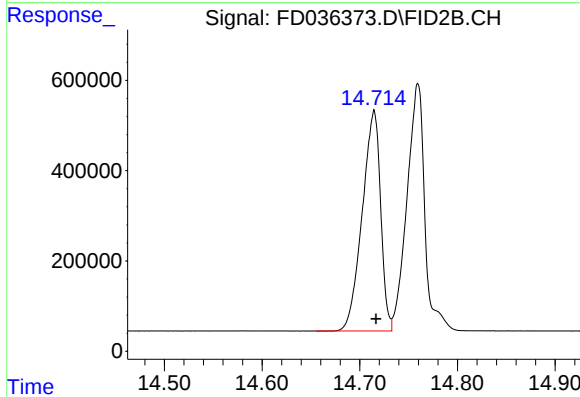
R.T.: 12.548 min
Delta R.T.: -0.003 min
Response: 6859405
Conc: 49.39 ug/ml



#13 Pyrene (C20.8)

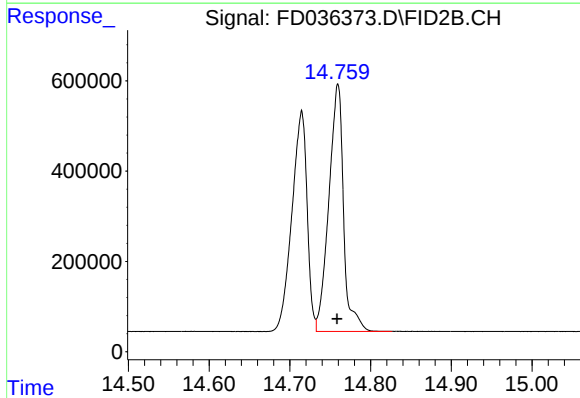
R.T.: 12.846 min
Delta R.T.: -0.003 min
Response: 6816170
Conc: 49.72 ug/ml

Instrument :
FID_D
ClientSampleId :



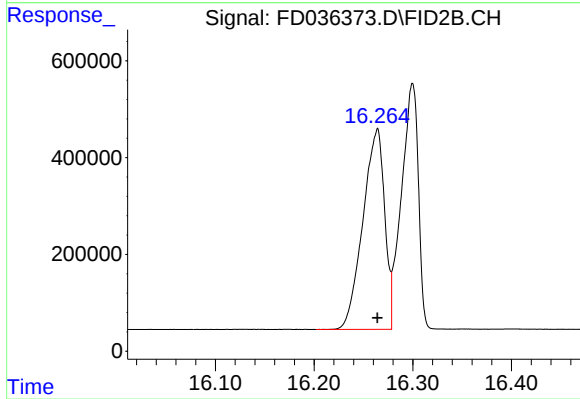
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.715 min
Delta R.T.: -0.002 min
Response: 6382805
Conc: 50.46 ug/ml



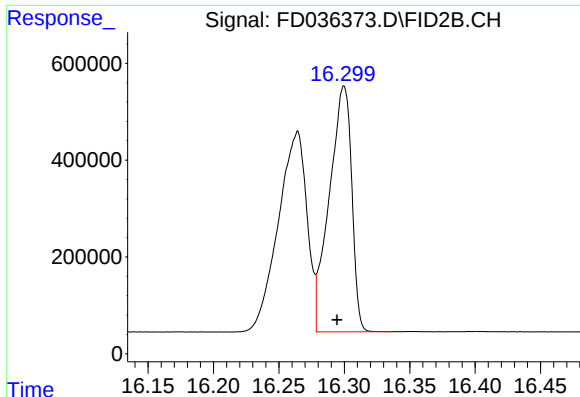
#15 Chrysene (C27.41)

R.T.: 14.760 min
Delta R.T.: 0.000 min
Response: 6944181
Conc: 53.62 ug/ml



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

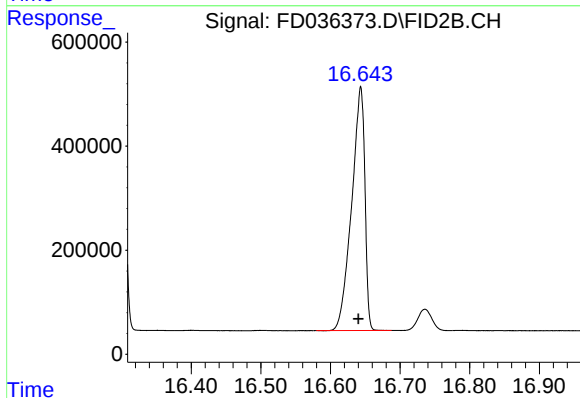
R.T.: 16.264 min
Delta R.T.: 0.000 min
Response: 6324068
Conc: 51.96 ug/ml



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

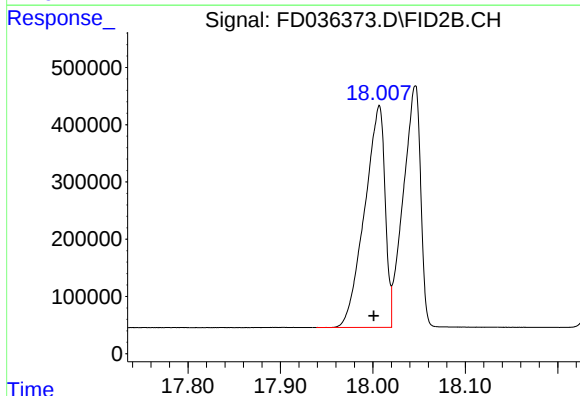
R.T.: 16.300 min
Delta R.T.: 0.005 min
Response: 6051860
Conc: 51.39 ug/ml

Instrument :
FID_D
ClientSampleId :



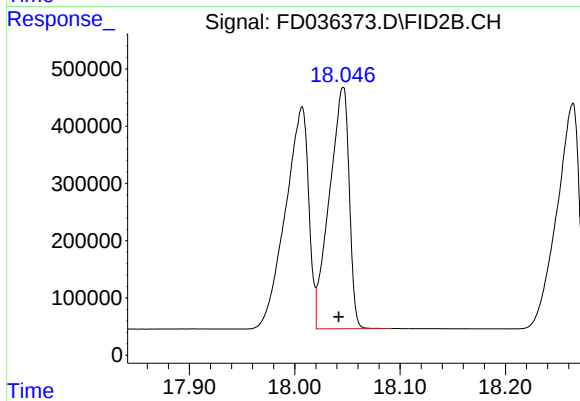
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.643 min
Delta R.T.: 0.003 min
Response: 6177119
Conc: 56.01 ug/ml



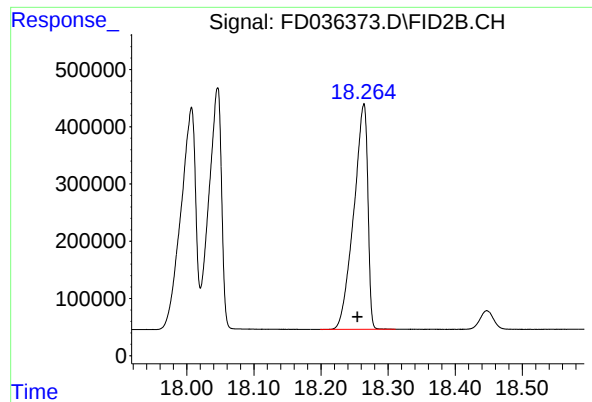
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.007 min
Delta R.T.: 0.006 min
Response: 5954682
Conc: 53.82 ug/ml



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

R.T.: 18.046 min
Delta R.T.: 0.004 min
Response: 5496363
Conc: 49.67 ug/ml



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

R.T.: 18.264 min
Delta R.T.: 0.010 min
Response: 5722561
Conc: 51.75 ug/ml

Instrument :
FID_D
ClientSampleId :