

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092220AR\
 Data File : FD034821.D
 Signal(s) : FID2B.CH
 Acq On : 23 Sep 2020 1:00
 Operator : DD\AJ
 Sample : L4103-01MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PE-1-(1.5-2)MSD

Integration File: autoint1.e
 Quant Time: Sep 23 03:34:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 2020
 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...	7.684	5494014	53.565 ug/ml
Spiked Amount 50.000		Recovery =	107.13%
6) S 2-Fluorobiphenyl (SURR)	8.551	3726613	51.794 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.59%
11) S ortho-Terphenyl (SURR)	11.591	4175437	34.853 ug/ml
Spiked Amount 50.000		Recovery =	69.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.477	4390914	38.784 ug/ml
2) T Naphthalene (C11.7)	6.021	4986843	42.724 ug/ml
3) T 2-Methylnaphthalene (...)	7.074	5151541	43.617 ug/ml
5) T Acenaphthylene (C15.06)	8.353	5141598	43.994 ug/ml
7) T Acenaphthene (C15.5)	8.650	5449735	45.804 ug/ml
8) T Fluorene (C16.55)	9.432	5493804	47.648 ug/ml
9) T Phenanthrene (C19.36)	10.830	5539252	47.507 ug/ml
10) T Anthracene (C19.43)	10.906	5474101	48.052 ug/ml
12) T Fluoranthene (C21.85)	12.644	5431831	46.580 ug/ml
13) T Pyrene (C20.8)	12.943	5387414	47.472 ug/ml
14) T Benzo[a]anthracene (C...	14.816	5201255	47.128 ug/ml
15) T Chrysene (C27.41)	14.859	5329482	47.714 ug/ml
16) T benzo[b]fluoranthene ...	16.369	5160448	48.179 ug/ml
17) T Bnezo[k]fluoranthene ...	16.402	4919165	46.392 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.747	4622447	43.895 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.116	5094297	50.287 ug/ml
20) T Dibenz[a,h]anthracene...	18.154	4969135	48.908 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	4983413	49.354 ug/ml

(f)=RT Delta > 1/2 Window

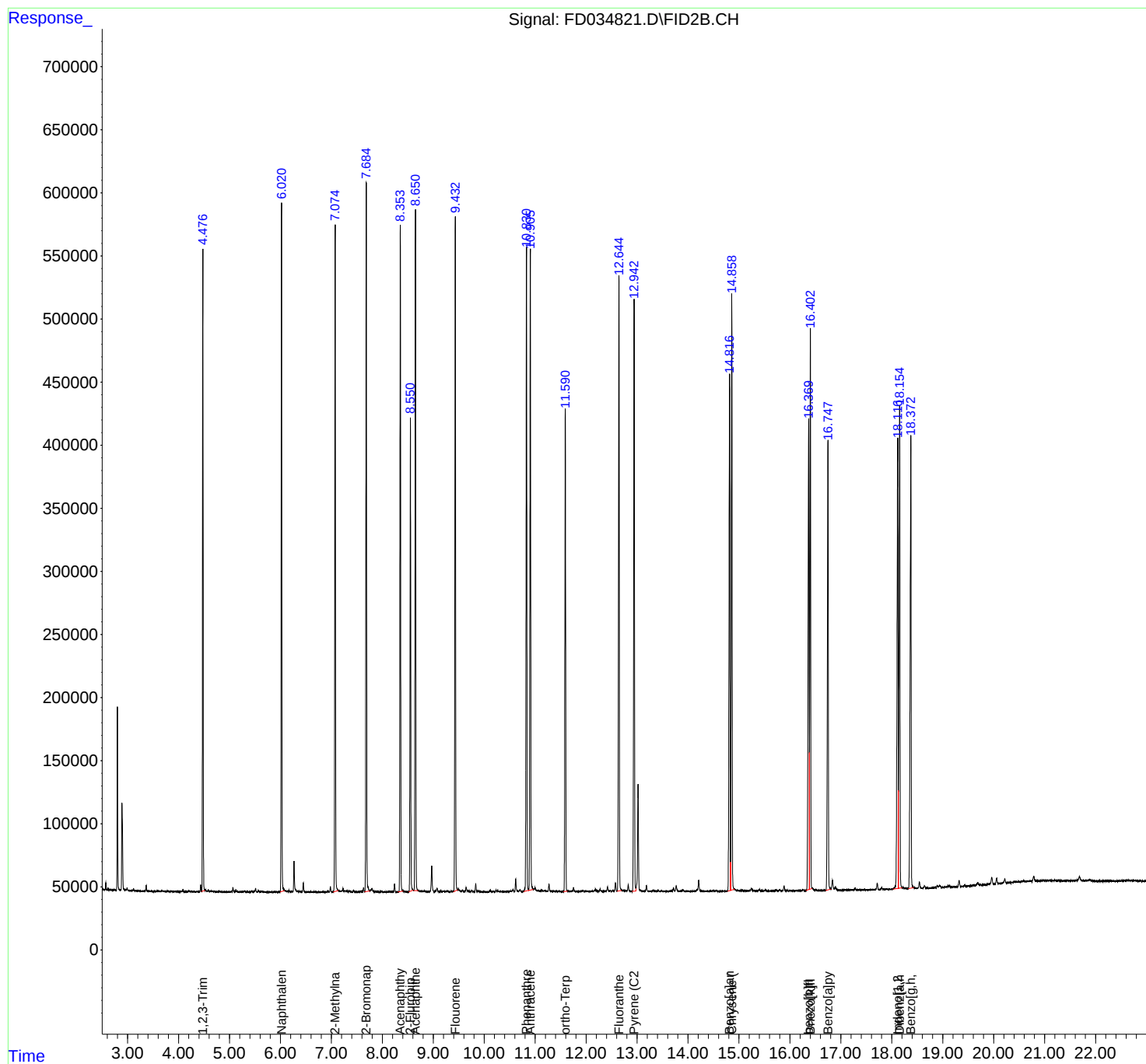
(m)=manual int.

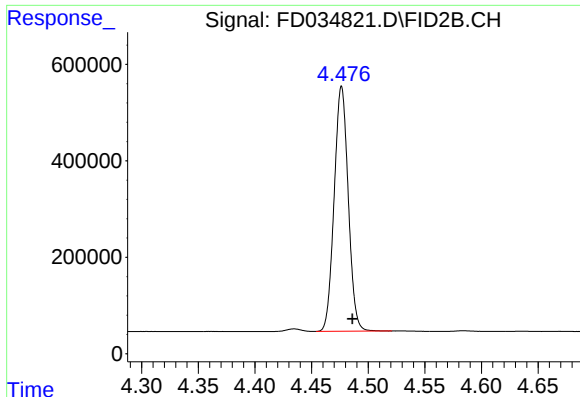
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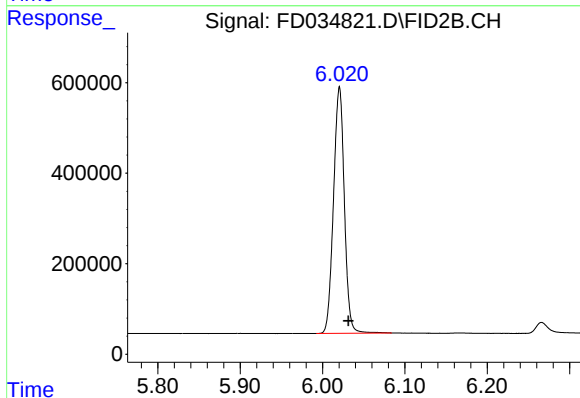




#1 1,2,3-Trimethylbenzene (C10.1)

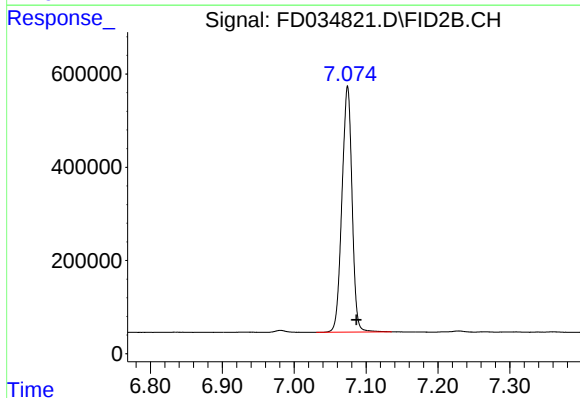
R.T.: 4.477 min
Delta R.T.: -0.009 min
Response: 4390914
Conc: 38.78 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1-(1.5-2)MSD



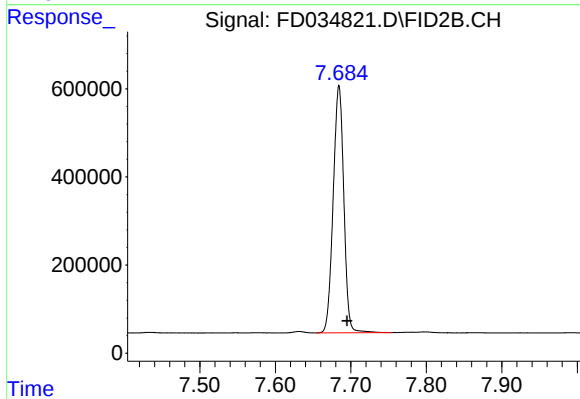
#2 Naphthalene (C11.7)

R.T.: 6.021 min
Delta R.T.: -0.011 min
Response: 4986843
Conc: 42.72 ug/ml



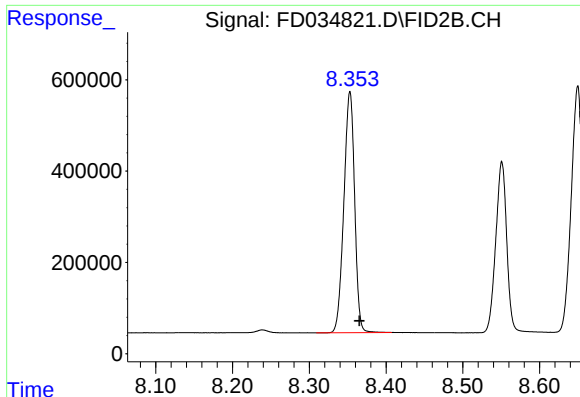
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: -0.012 min
Response: 5151541
Conc: 43.62 ug/ml



#4 2-Bromonaphthalene (SURR)

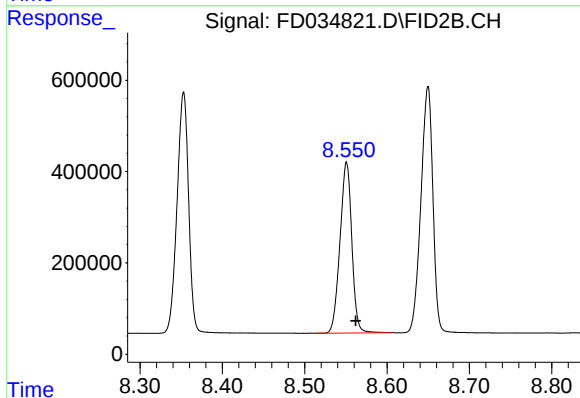
R.T.: 7.684 min
Delta R.T.: -0.011 min
Response: 5494014
Conc: 53.57 ug/ml



#5 Acenaphthylene (C15.06)

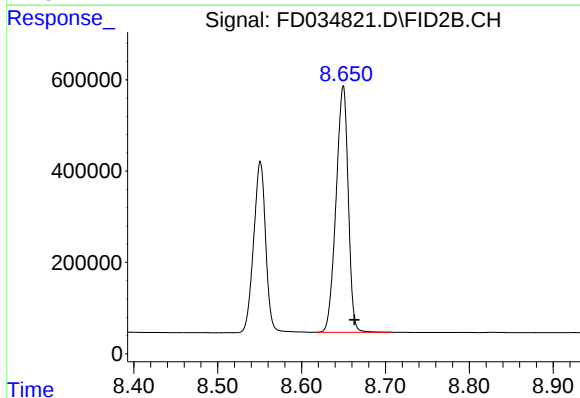
R.T.: 8.353 min
Delta R.T.: -0.012 min
Response: 5141598
Conc: 43.99 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1-(1.5-2)MSD



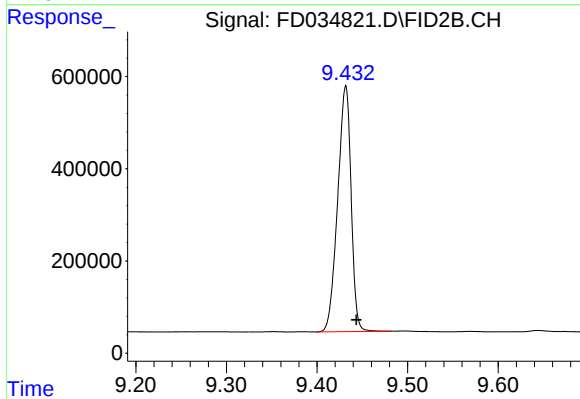
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.551 min
Delta R.T.: -0.011 min
Response: 3726613
Conc: 51.79 ug/ml



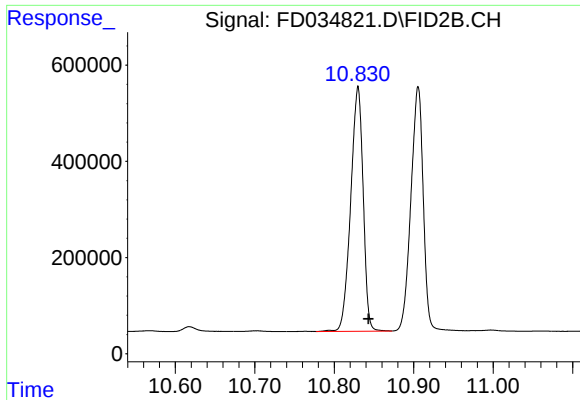
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: -0.013 min
Response: 5449735
Conc: 45.80 ug/ml



#8 Flouorene (C16.55)

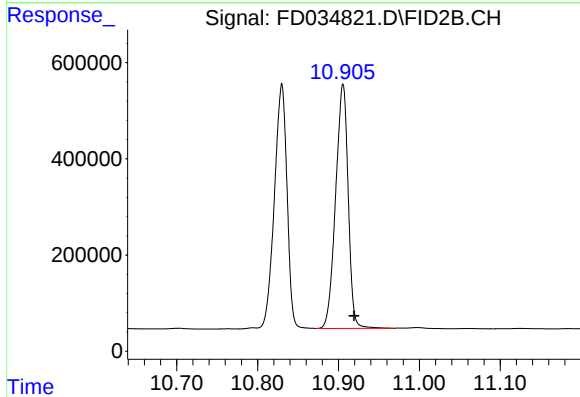
R.T.: 9.432 min
Delta R.T.: -0.012 min
Response: 5493804
Conc: 47.65 ug/ml



#9 Phenanthrene (C19.36)

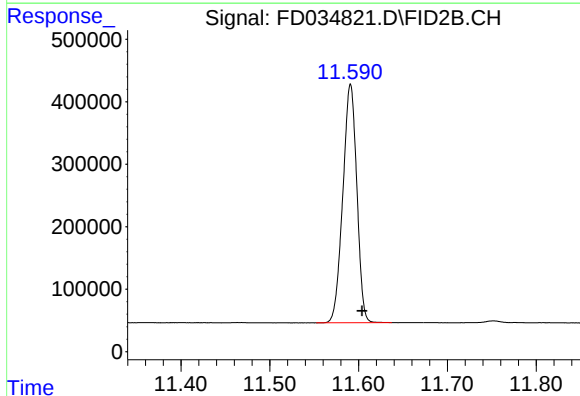
R.T.: 10.830 min
Delta R.T.: -0.013 min
Response: 5539252
Conc: 47.51 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1-(1.5-2)MSD



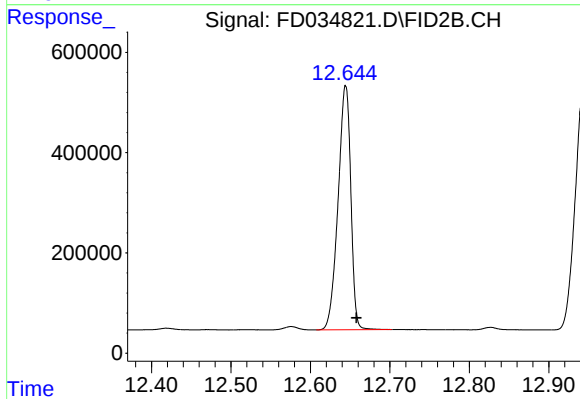
#10 Anthracene (C19.43)

R.T.: 10.906 min
Delta R.T.: -0.014 min
Response: 5474101
Conc: 48.05 ug/ml



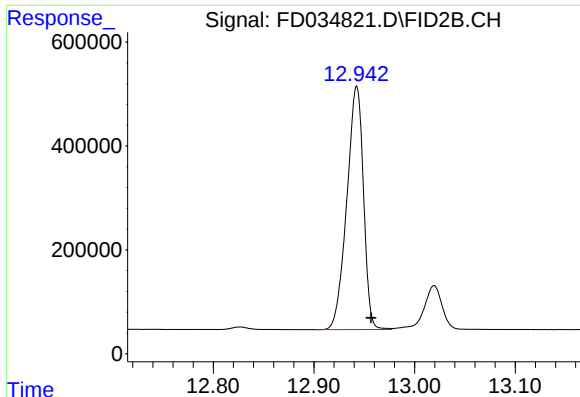
#11 ortho-Terphenyl (SURR)

R.T.: 11.591 min
Delta R.T.: -0.013 min
Response: 4175437
Conc: 34.85 ug/ml



#12 Fluoranthene (C21.85)

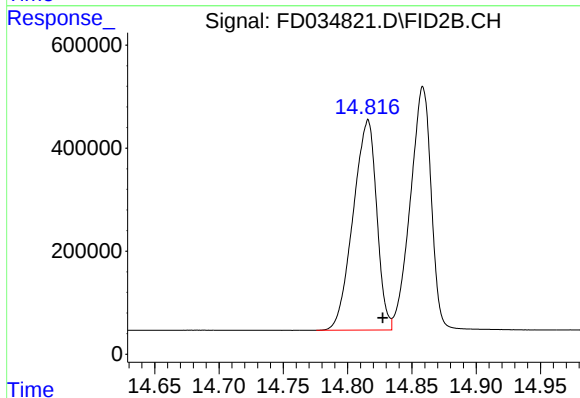
R.T.: 12.644 min
Delta R.T.: -0.013 min
Response: 5431831
Conc: 46.58 ug/ml



#13 Pyrene (C20.8)

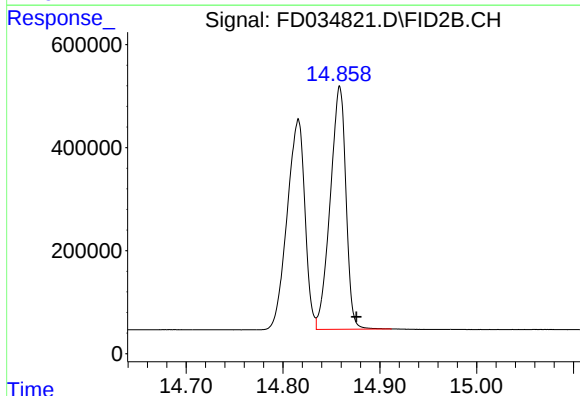
R.T.: 12.943 min
Delta R.T.: -0.014 min
Response: 5387414
Conc: 47.47 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1-(1.5-2)MSD



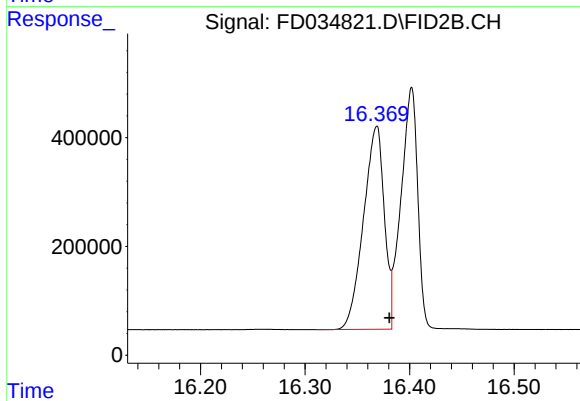
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.816 min
Delta R.T.: -0.012 min
Response: 5201255
Conc: 47.13 ug/ml



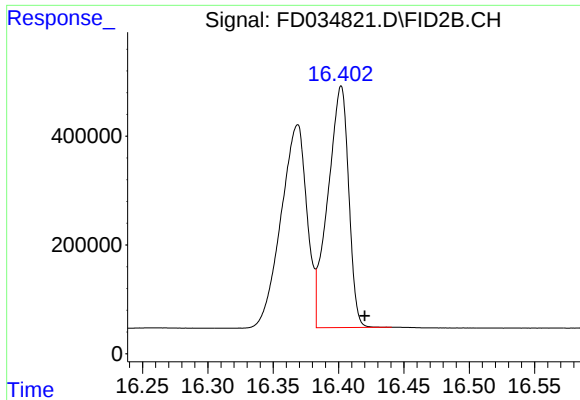
#15 Chrysene (C27.41)

R.T.: 14.859 min
Delta R.T.: -0.017 min
Response: 5329482
Conc: 47.71 ug/ml



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

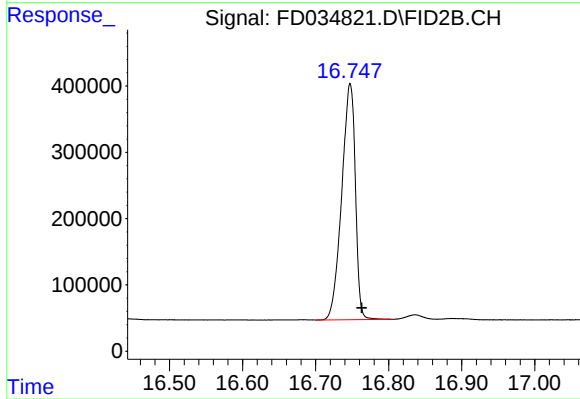
R.T.: 16.369 min
Delta R.T.: -0.012 min
Response: 5160448
Conc: 48.18 ug/ml



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

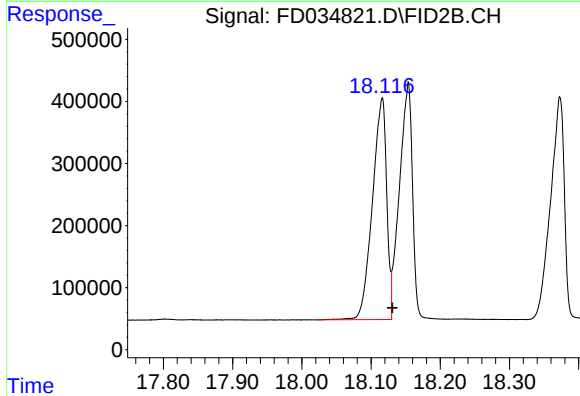
R.T.: 16.402 min
Delta R.T.: -0.018 min
Response: 4919165
Conc: 46.39 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1-(1.5-2)MSD



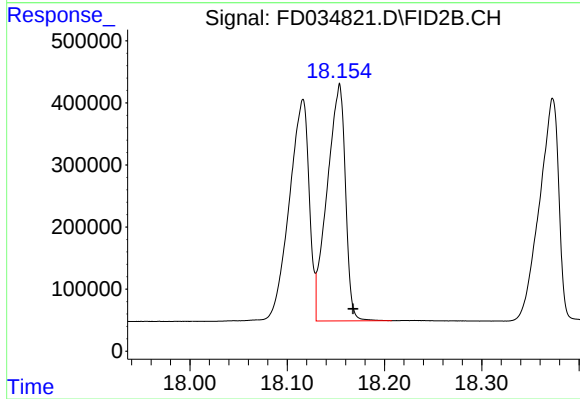
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.747 min
Delta R.T.: -0.016 min
Response: 4622447
Conc: 43.89 ug/ml



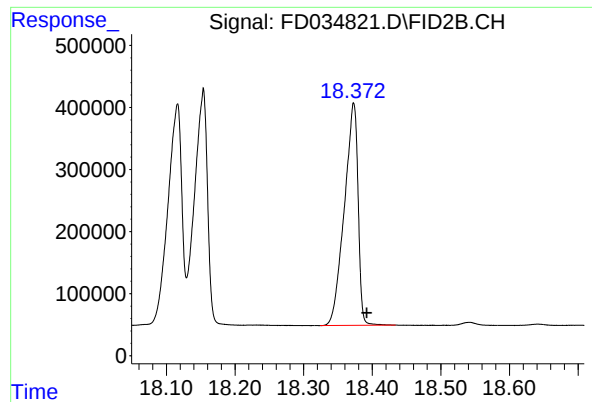
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.116 min
Delta R.T.: -0.015 min
Response: 5094297
Conc: 50.29 ug/ml



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

R.T.: 18.154 min
Delta R.T.: -0.014 min
Response: 4969135
Conc: 48.91 ug/ml



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

R.T.: 18.373 min
Delta R.T.: -0.019 min
Response: 4983413
Conc: 49.35 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-1-(1.5-2)MSD