

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083120AR\
 Data File : FD034614.D
 Signal(s) : FID2B.CH
 Acq On : 01 Sep 2020 10:19
 Operator : DD\AJ
 Sample : L3836-05MSD
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 01 11:29:16 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...	7.687	4893351	47.709 ug/ml
Spiked Amount 50.000		Recovery =	95.42%
6) S 2-Fluorobiphenyl (SURR)	8.553	3371523	46.859 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.72%
11) S ortho-Terphenyl (SURR)	11.595	4406426	36.782 ug/ml
Spiked Amount 50.000		Recovery =	73.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.481	3586691	31.680 ug/ml
2) T Naphthalene (C11.7)	6.024	4189124	35.890 ug/ml
3) T 2-Methylnaphthalene (...)	7.077	4468969	37.838 ug/ml
5) T Acenaphthylene (C15.06)	8.356	4487124	38.394 ug/ml
7) T Acenaphthene (C15.5)	8.652	4775101	40.134 ug/ml
8) T Fluorene (C16.55)	9.433	4820178	41.806 ug/ml
9) T Phenanthrene (C19.36)	10.832	5036949	43.199 ug/ml
10) T Anthracene (C19.43)	10.907	4947534	43.430 ug/ml
12) T Fluoranthene (C21.85)	12.646	5057628	43.371 ug/ml
13) T Pyrene (C20.8)	12.944	4928874	43.431 ug/ml
14) T Benzo[a]anthracene (C...	14.817	4704682	42.629 ug/ml
15) T Chrysene (C27.41)	14.860	4863724	43.544 ug/ml
16) T benzo[b]fluoranthene ...	16.368	4717570	44.044 ug/ml
17) T Bnezo[k]fluoranthene ...	16.402	4504532	42.482 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.747	4131680	39.234 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.113	4387551	43.311 ug/ml
20) T Dibenz[a,h]anthracene...	18.150	4290396	42.227 ug/ml
21) T Benzo[g,h,i]perylene ...	18.369	4298053	42.566 ug/ml

(f)=RT Delta > 1/2 Window

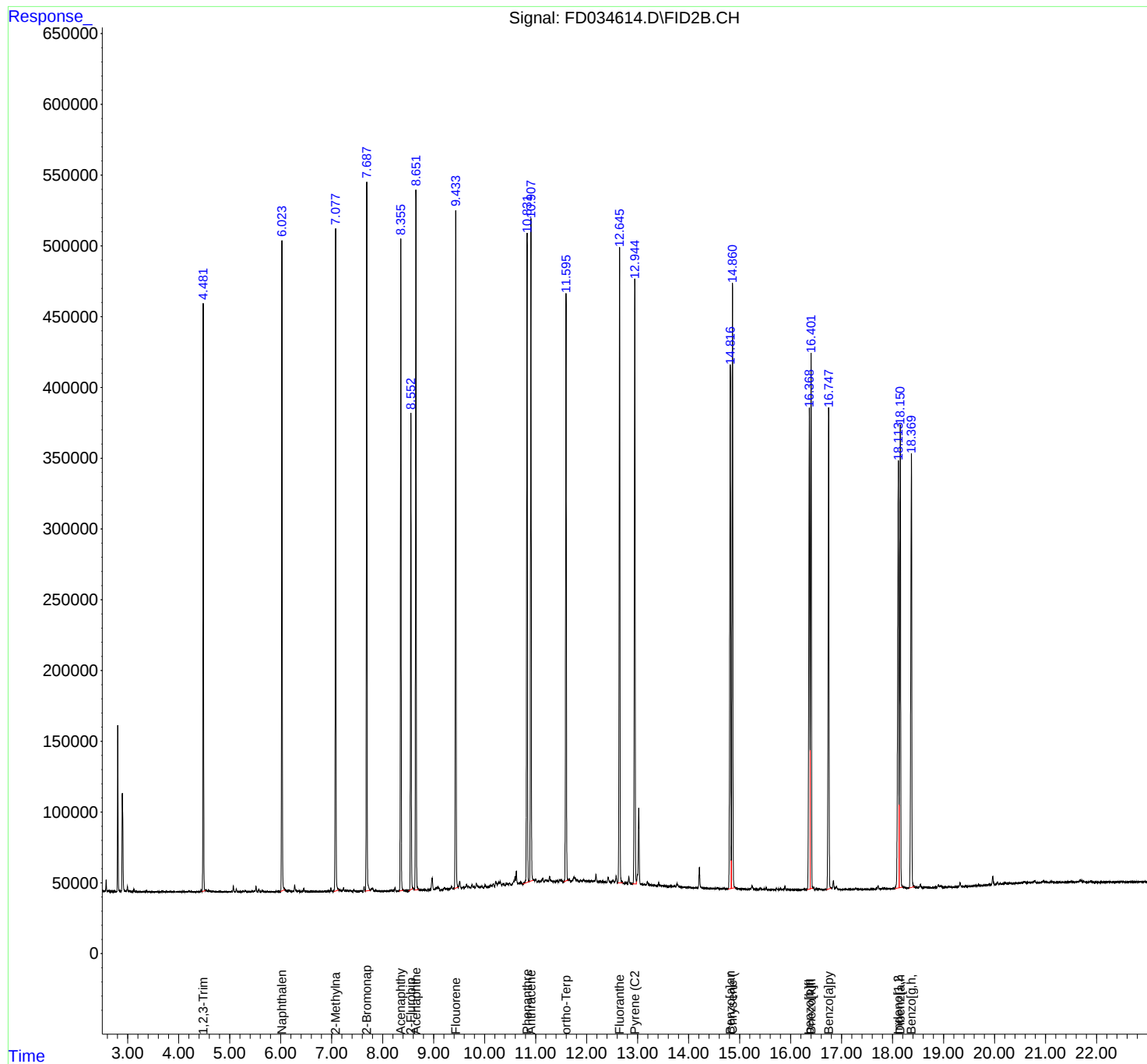
(m)=manual int.

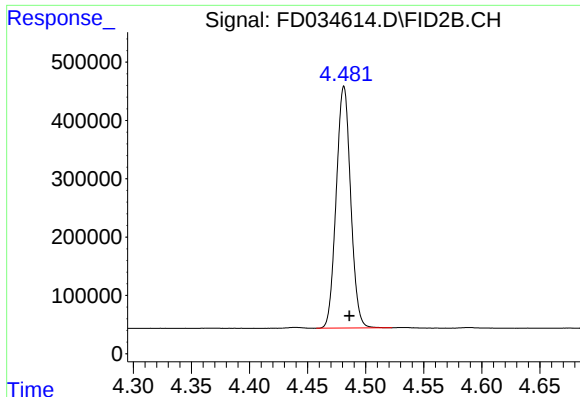
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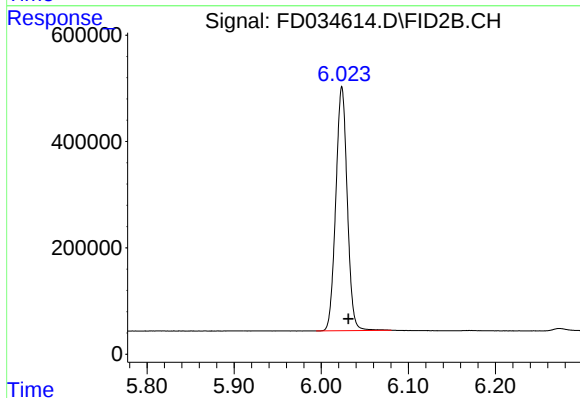




#1 1,2,3-Trimethylbenzene (C10.1)

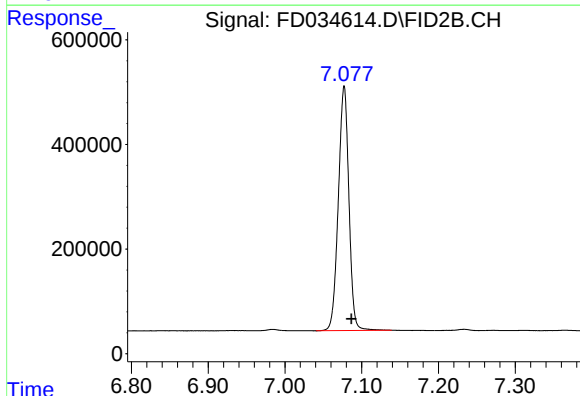
R.T.: 4.481 min
Delta R.T.: -0.005 min
Response: 3586691
Conc: 31.68 ug/ml

Instrument :
FID_D
ClientSampleId :



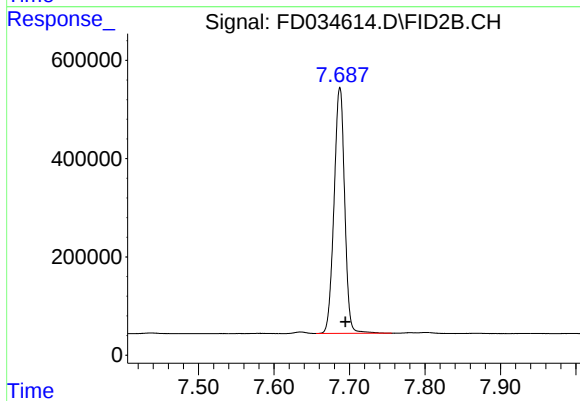
#2 Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.008 min
Response: 4189124
Conc: 35.89 ug/ml



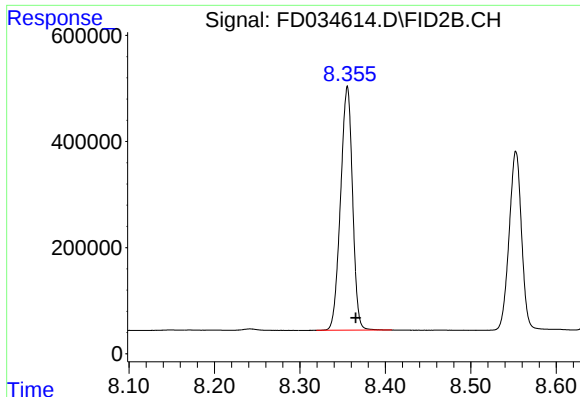
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: -0.009 min
Response: 4468969
Conc: 37.84 ug/ml



#4 2-Bromonaphthalene (SURR)

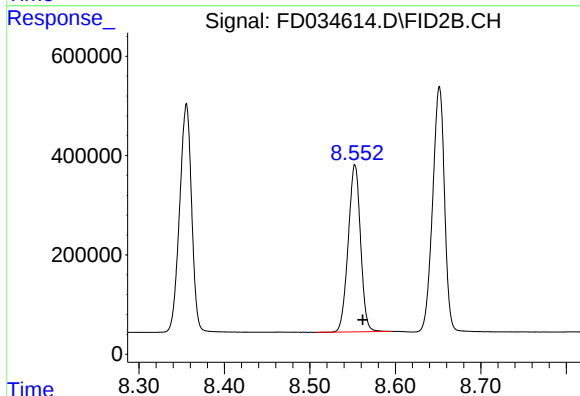
R.T.: 7.687 min
Delta R.T.: -0.008 min
Response: 4893351
Conc: 47.71 ug/ml



#5 Acenaphthylene (C15.06)

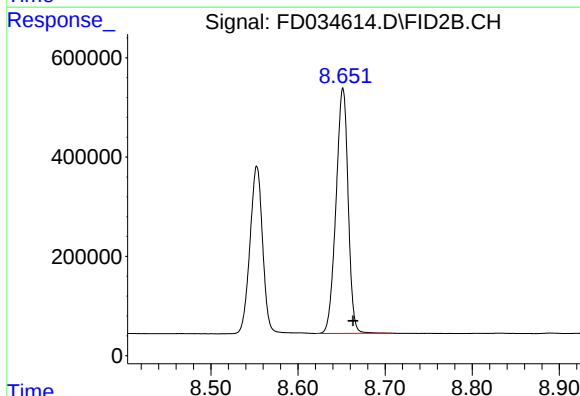
R.T.: 8.356 min
Delta R.T.: -0.010 min
Response: 4487124
Conc: 38.39 ug/ml

Instrument :
FID_D
ClientSampleId :



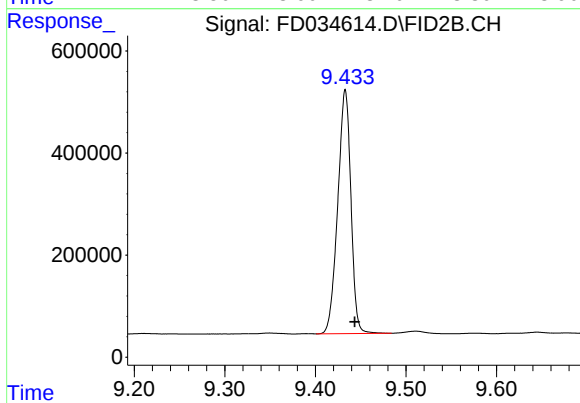
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.553 min
Delta R.T.: -0.009 min
Response: 3371523
Conc: 46.86 ug/ml



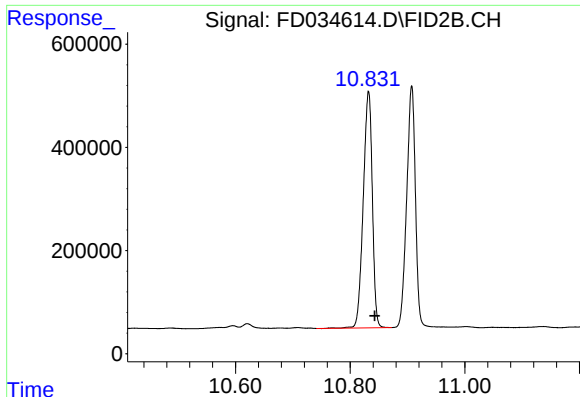
#7 Acenaphthene (C15.5)

R.T.: 8.652 min
Delta R.T.: -0.011 min
Response: 4775101
Conc: 40.13 ug/ml



#8 Flouorene (C16.55)

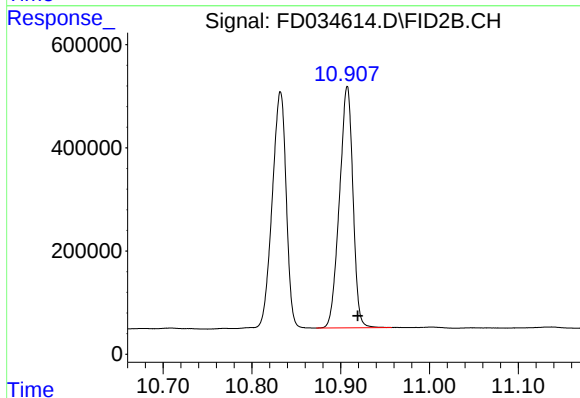
R.T.: 9.433 min
Delta R.T.: -0.010 min
Response: 4820178
Conc: 41.81 ug/ml



#9 Phenanthrene (C19.36)

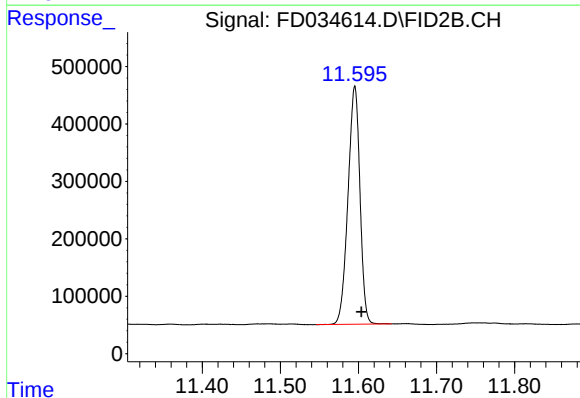
R.T.: 10.832 min
Delta R.T.: -0.011 min
Response: 5036949
Conc: 43.20 ug/ml

Instrument :
FID_D
ClientSampleId :



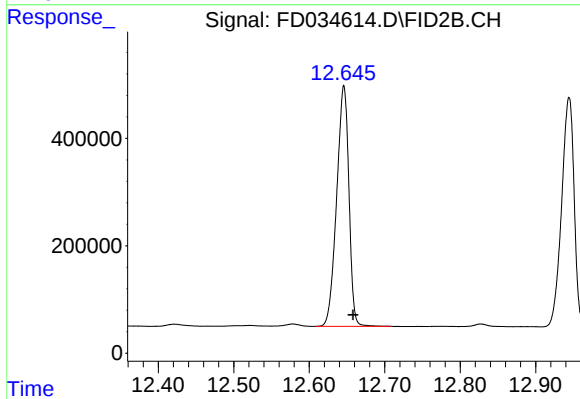
#10 Anthracene (C19.43)

R.T.: 10.907 min
Delta R.T.: -0.012 min
Response: 4947534
Conc: 43.43 ug/ml



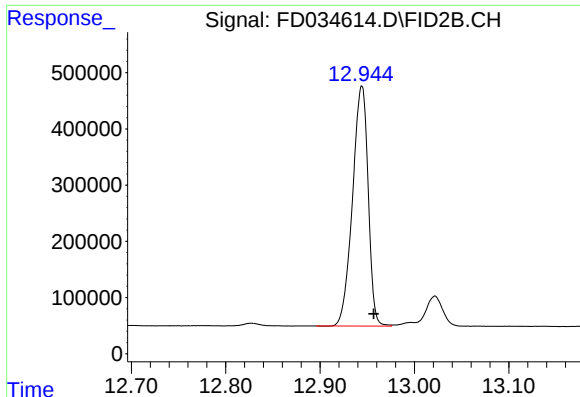
#11 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: -0.009 min
Response: 4406426
Conc: 36.78 ug/ml



#12 Fluoranthene (C21.85)

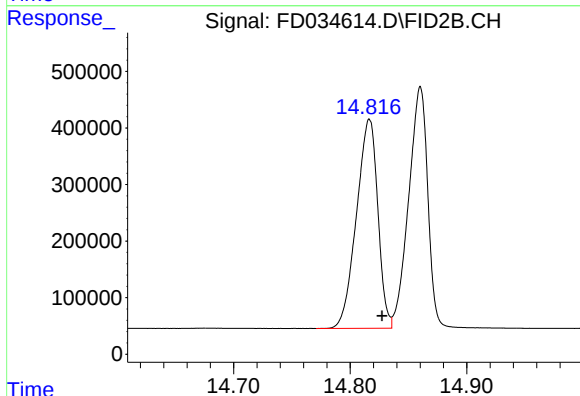
R.T.: 12.646 min
Delta R.T.: -0.012 min
Response: 5057628
Conc: 43.37 ug/ml



#13 Pyrene (C20.8)

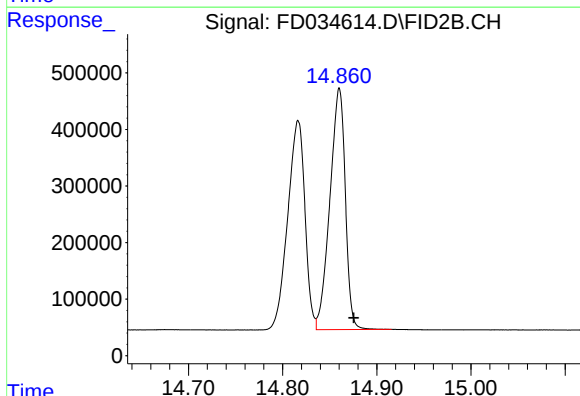
R.T.: 12.944 min
Delta R.T.: -0.013 min
Response: 4928874
Conc: 43.43 ug/ml

Instrument :
FID_D
ClientSampleId :



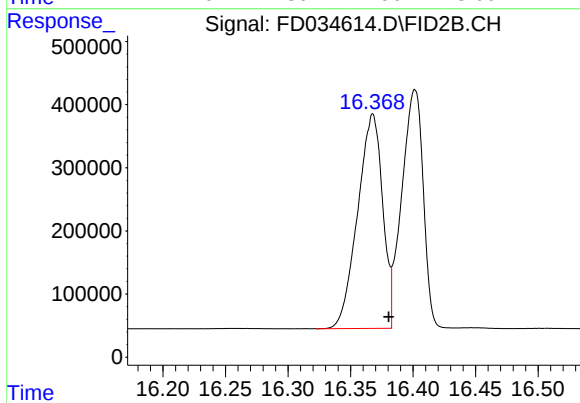
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.817 min
Delta R.T.: -0.011 min
Response: 4704682
Conc: 42.63 ug/ml



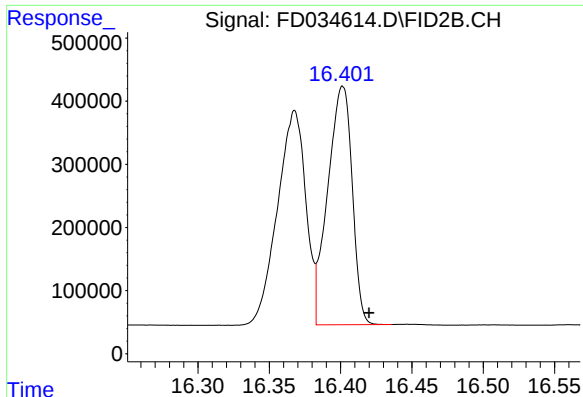
#15 Chrysene (C27.41)

R.T.: 14.860 min
Delta R.T.: -0.015 min
Response: 4863724
Conc: 43.54 ug/ml



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

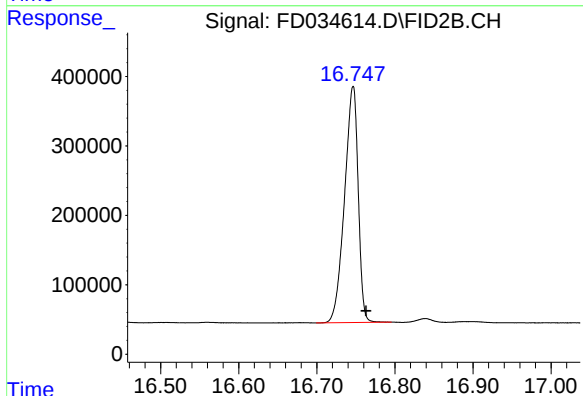
R.T.: 16.368 min
Delta R.T.: -0.013 min
Response: 4717570
Conc: 44.04 ug/ml



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

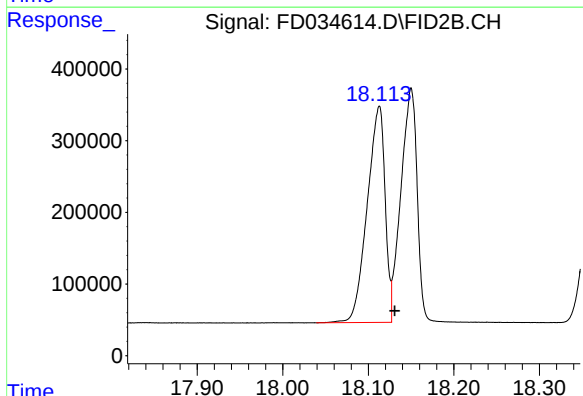
R.T.: 16.402 min
Delta R.T.: -0.018 min
Response: 4504532
Conc: 42.48 ug/ml

Instrument :
FID_D
ClientSampleId :



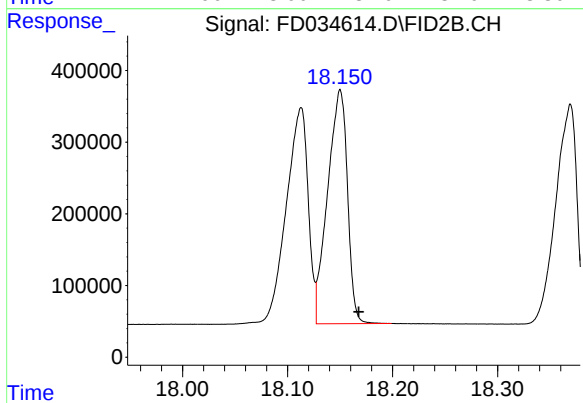
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.747 min
Delta R.T.: -0.017 min
Response: 4131680
Conc: 39.23 ug/ml



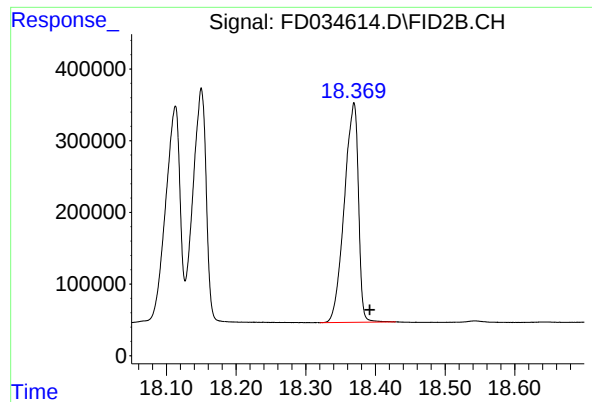
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.113 min
Delta R.T.: -0.018 min
Response: 4387551
Conc: 43.31 ug/ml



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

R.T.: 18.150 min
Delta R.T.: -0.018 min
Response: 4290396
Conc: 42.23 ug/ml



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

R.T.: 18.369 min
Delta R.T.: -0.023 min
Response: 4298053
Conc: 42.57 ug/ml

Instrument :
FID_D
ClientSampleId :