

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040298.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 13:33
 Operator : AJ\MA
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 30 15:28:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 15:27:41 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...	6.822	12809147	96.815 ug/ml
Spiked Amount 50.000		Recovery =	193.63%
6) S 2-Fluorobiphenyl (SURR)	7.674	8531009	99.475 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	198.95%#
11) S ortho-Terphenyl (SURR)	10.709	13334811	95.705 ug/ml
Spiked Amount 50.000		Recovery =	191.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.672	14275722	95.088 ug/ml
2) T Naphthalene (C11.7)	5.172	14532477	95.699 ug/ml
3) T 2-Methylnaphthalene (...)	6.214	14649348	96.828 ug/ml
5) T Acenaphthylene (C15.06)	7.479	13217928	96.965 ug/ml
7) T Acenaphthene (C15.5)	7.775	14056926	96.654 ug/ml
8) T Fluorene (C16.55)	8.551	13652208	98.213 ug/ml
9) T Phenanthrene (C19.36)	9.939	13230642	97.449 ug/ml
10) T Anthracene (C19.43)	10.015	12467871	98.060 ug/ml
12) T Fluoranthene (C21.85)	11.745	13042056	97.282 ug/ml
13) T Pyrene (C20.8)	12.039	12674061	97.258 ug/ml
14) T Benzo[a]anthracene (C...	13.905	11640062	98.290 ug/ml
15) T Chrysene (C27.41)	13.953	12209213	96.129 ug/ml
16) T benzo[b]fluoranthene ...	15.452	12157386	97.642 ug/ml
17) T Bnezo[k]fluoranthene ...	15.493	11900288	94.794 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.832	11806847	96.937 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.195	11811001	100.585 ug/ml
20) T Dibenz[a,h]anthracene...	17.238	11131381	96.320 ug/ml
21) T Benzo[g,h,i]perylene ...	17.455	11877276	96.024 ug/ml

(f)=RT Delta > 1/2 Window

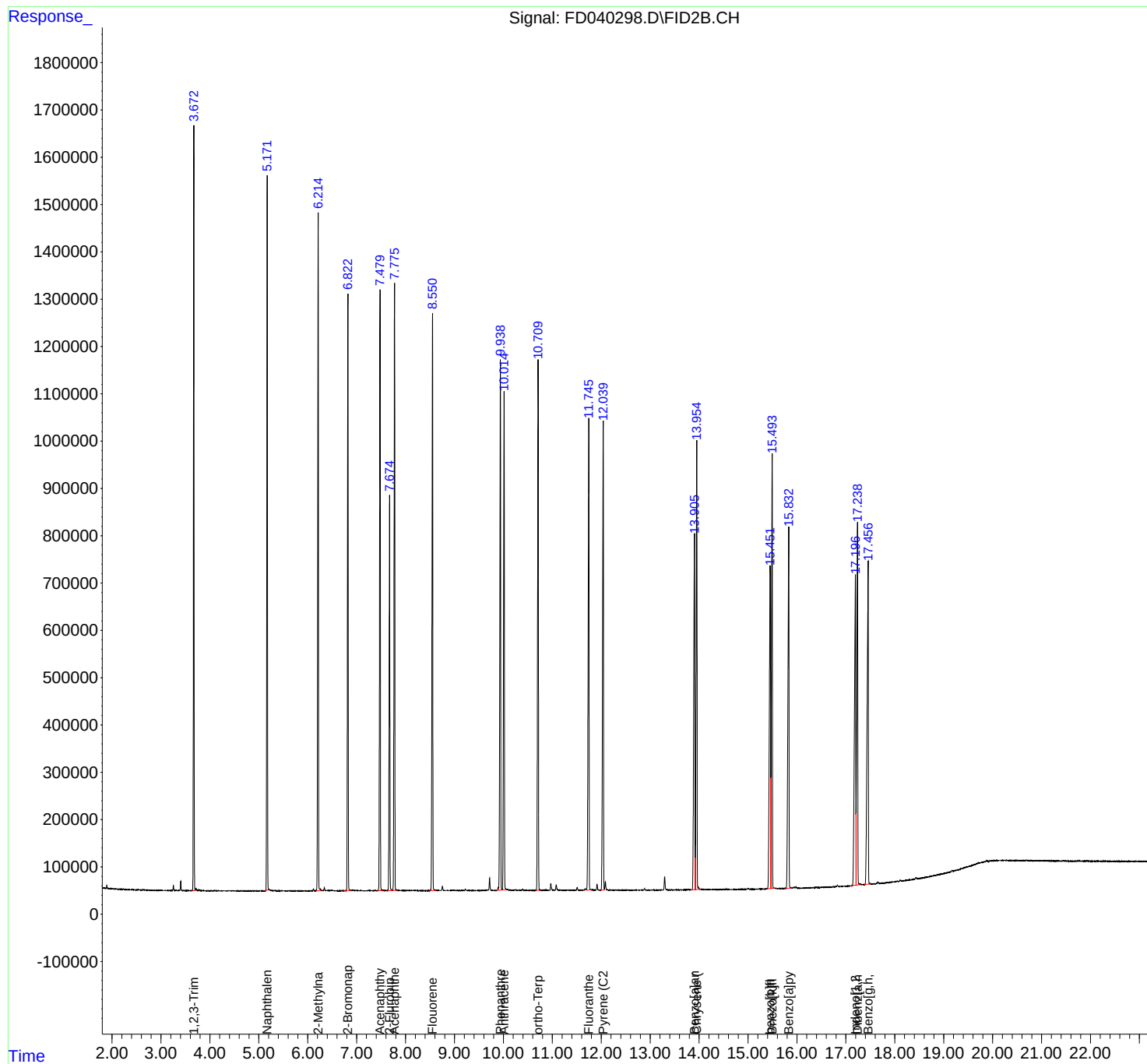
(m)=manual int.

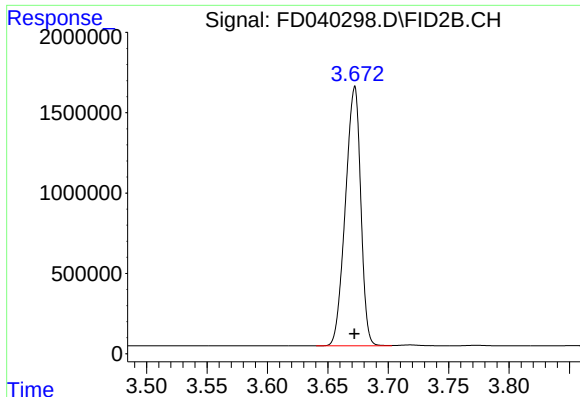
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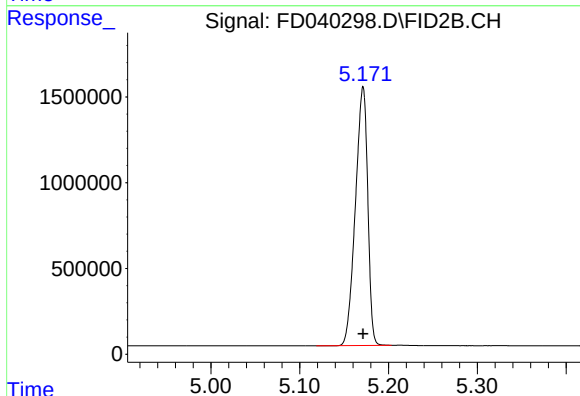




#1 1,2,3-Trimethylbenzene (C10.1)

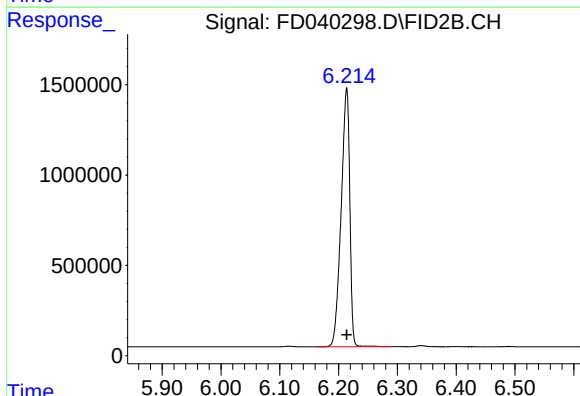
R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 14275722
Conc: 95.09 ug/ml

Instrument :
FID_D
ClientSampleId :



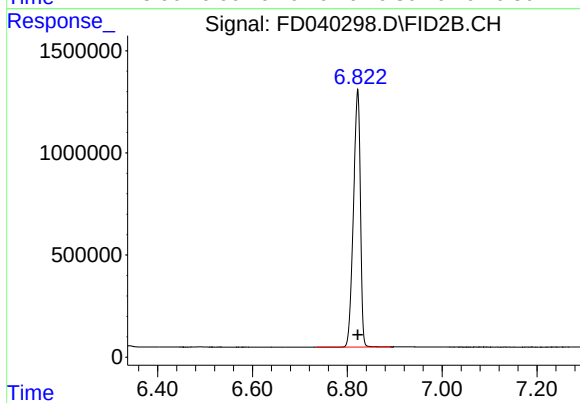
#2 Naphthalene (C11.7)

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 14532477
Conc: 95.70 ug/ml



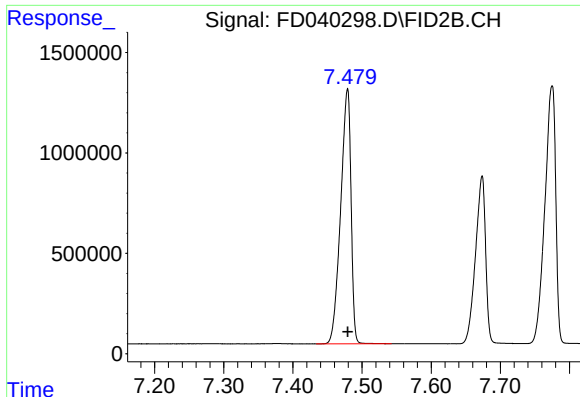
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 14649348
Conc: 96.83 ug/ml



#4 2-Bromonaphthalene (SURR)

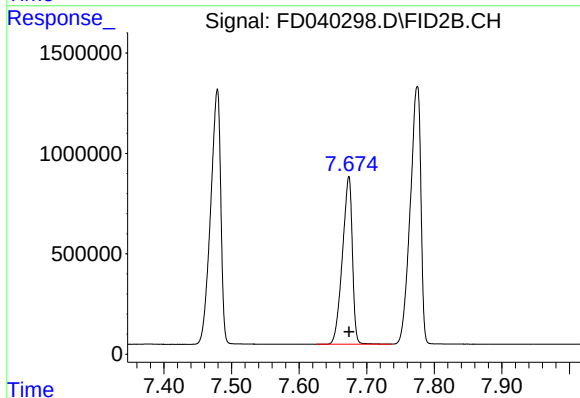
R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 12809147
Conc: 96.81 ug/ml



#5 Acenaphthylene (C15.06)

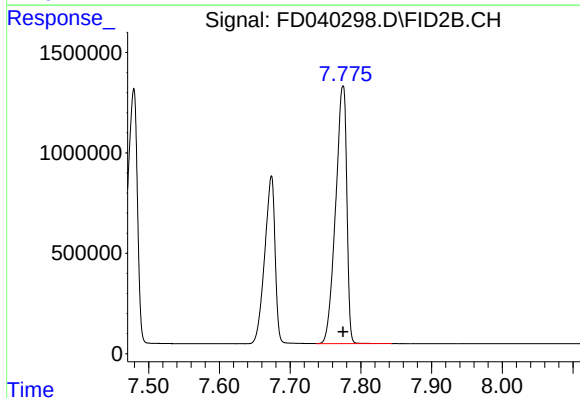
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 13217928
Conc: 96.96 ug/ml

Instrument :
FID_D
ClientSampleId :



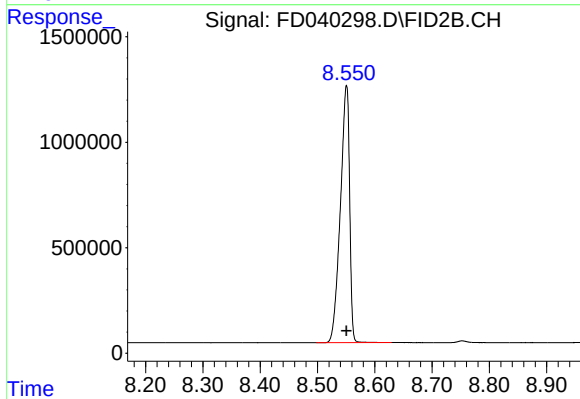
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.674 min
Delta R.T.: 0.000 min
Response: 8531009
Conc: 99.47 ug/ml



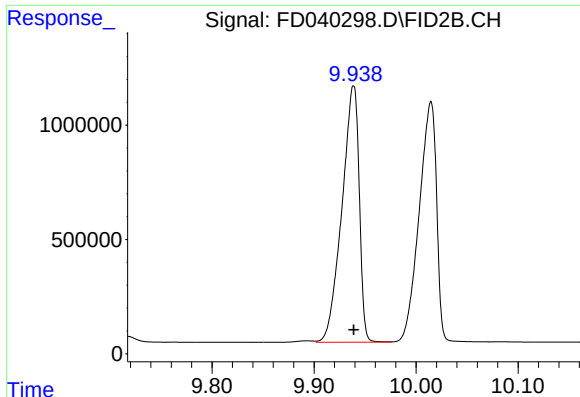
#7 Acenaphthene (C15.5)

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 14056926
Conc: 96.65 ug/ml



#8 Flouorene (C16.55)

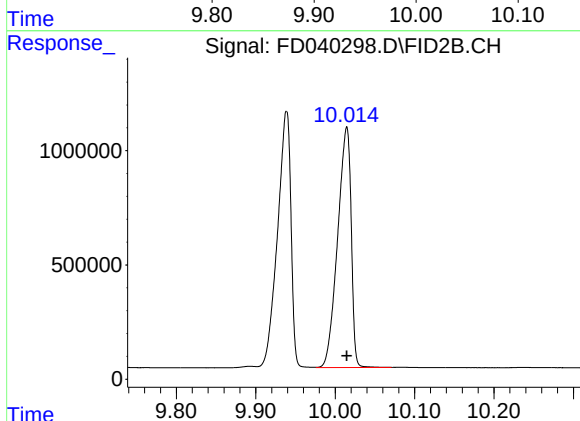
R.T.: 8.551 min
Delta R.T.: 0.000 min
Response: 13652208
Conc: 98.21 ug/ml



#9 Phenanthrene (C19.36)

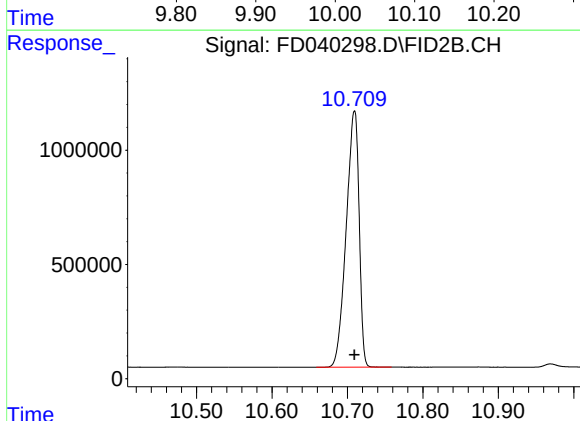
R.T.: 9.939 min
Delta R.T.: 0.000 min
Response: 13230642
Conc: 97.45 ug/ml

Instrument :
FID_D
ClientSampleId :



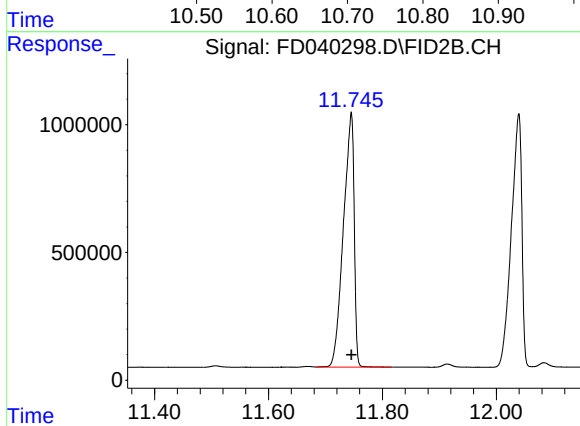
#10 Anthracene (C19.43)

R.T.: 10.015 min
Delta R.T.: 0.000 min
Response: 12467871
Conc: 98.06 ug/ml



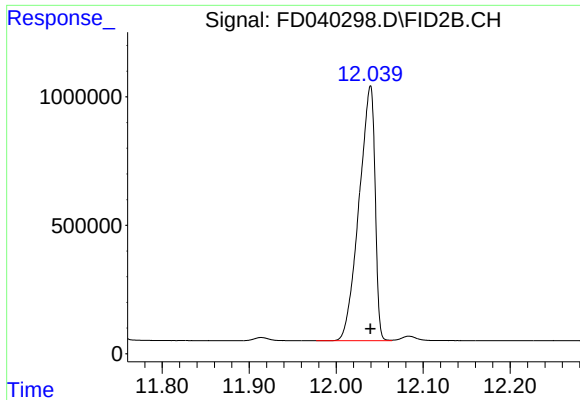
#11 ortho-Terphenyl (SURR)

R.T.: 10.709 min
Delta R.T.: 0.000 min
Response: 13334811
Conc: 95.71 ug/ml



#12 Fluoranthene (C21.85)

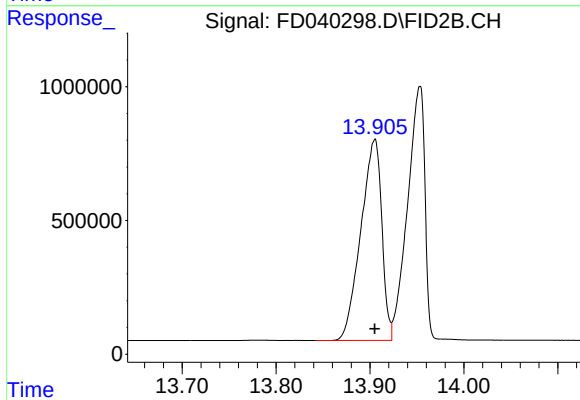
R.T.: 11.745 min
Delta R.T.: 0.000 min
Response: 13042056
Conc: 97.28 ug/ml



#13 Pyrene (C20.8)

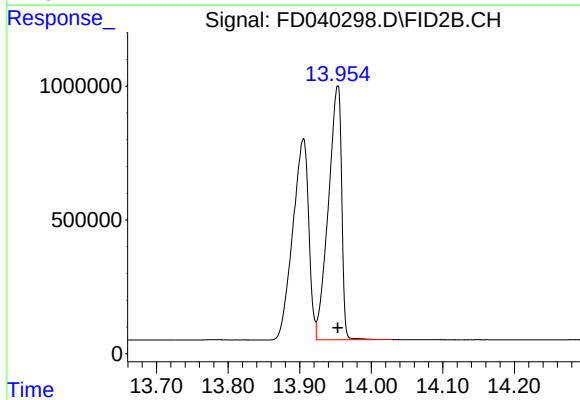
R.T.: 12.039 min
Delta R.T.: 0.000 min
Response: 12674061
Conc: 97.26 ug/ml

Instrument :
FID_D
ClientSampleId :



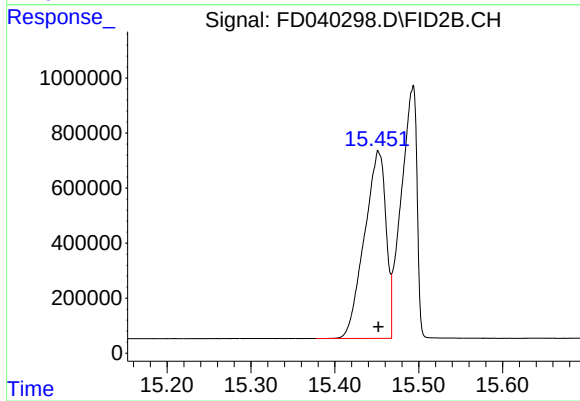
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.905 min
Delta R.T.: 0.000 min
Response: 11640062
Conc: 98.29 ug/ml



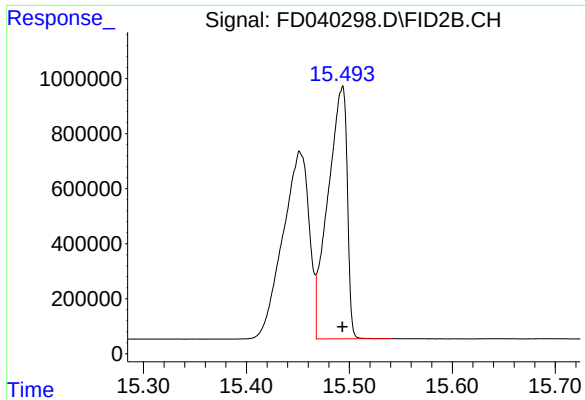
#15 Chrysene (C27.41)

R.T.: 13.953 min
Delta R.T.: 0.000 min
Response: 12209213
Conc: 96.13 ug/ml



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

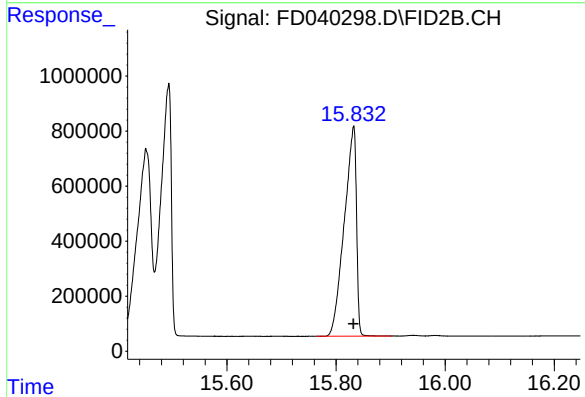
R.T.: 15.452 min
Delta R.T.: 0.000 min
Response: 12157386
Conc: 97.64 ug/ml



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

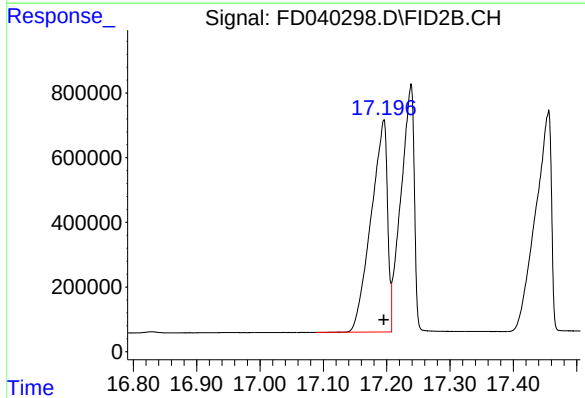
R.T.: 15.493 min
Delta R.T.: 0.000 min
Response: 11900288
Conc: 94.79 ug/ml

Instrument :
FID_D
ClientSampleId :



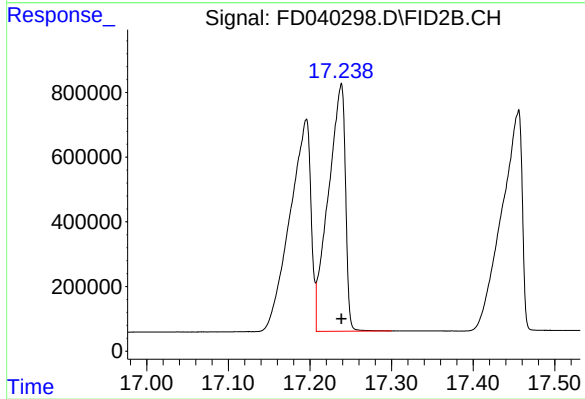
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.832 min
Delta R.T.: 0.000 min
Response: 11806847
Conc: 96.94 ug/ml



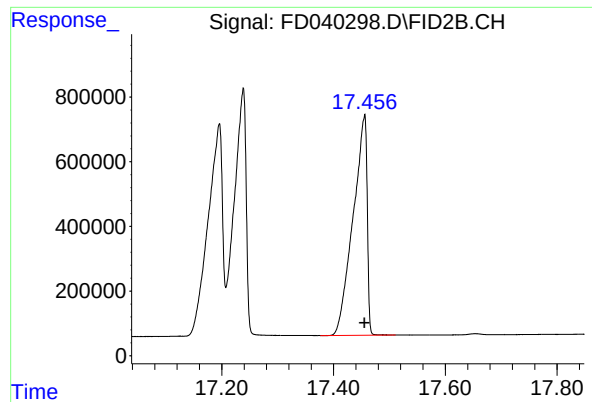
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.195 min
Delta R.T.: 0.000 min
Response: 11811001
Conc: 100.59 ug/ml



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

R.T.: 17.238 min
Delta R.T.: 0.000 min
Response: 11131381
Conc: 96.32 ug/ml



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

R.T.: 17.455 min
Delta R.T.: 0.000 min
Response: 11877276
Conc: 96.02 ug/ml

Instrument :

FID_D

ClientSampleId :