

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031921AR\
 Data File : FD036455.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2021 5:14
 Operator : DD\AJ
 Sample : M1732-01MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-1A-(1.0-1.5)MSD

Integration File: autoint1.e
 Quant Time: Mar 20 06:23:36 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...	7.598	5762848	48.891 ug/ml
Spiked Amount 50.000		Recovery =	97.78%
6) S 2-Fluorobiphenyl (SURR)	8.459	3917154	47.069 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.14%
11) S ortho-Terphenyl (SURR)	11.498	4260305	30.240 ug/ml
Spiked Amount 50.000		Recovery =	60.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.398	3729532	29.746 ug/ml
2) T Naphthalene (C11.7)	5.935	4429394	32.687 ug/ml
3) T 2-Methylnaphthalene (...)	6.986	4779249	34.999 ug/ml
5) T Acenaphthylene (C15.06)	8.262	4806305	35.724 ug/ml
7) T Acenaphthene (C15.5)	8.558	5011576	36.207 ug/ml
8) T Fluorene (C16.55)	9.338	5109352	37.439 ug/ml
9) T Phenanthrene (C19.36)	10.732	5217398	37.869 ug/ml
10) T Anthracene (C19.43)	10.807	5149120	38.353 ug/ml
12) T Fluoranthene (C21.85)	12.541	5197932	37.429 ug/ml
13) T Pyrene (C20.8)	12.838	5165062	37.674 ug/ml
14) T Benzo[a]anthracene (C...	14.705	4646782	36.738 ug/ml
15) T Chrysene (C27.41)	14.749	4706646	36.345 ug/ml
16) T benzo[b]fluoranthene ...	16.253	4664151	38.324 ug/ml
17) T Bnezo[k]fluoranthene ...	16.287	4311331	36.613 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.631	4451059	40.362 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.992	4260356	38.506 ug/ml
20) T Dibenz[a,h]anthracene...	18.033	4155770	37.554 ug/ml
21) T Benzo[g,h,i]perylene ...	18.249	4384036	39.649 ug/ml

(f)=RT Delta > 1/2 Window

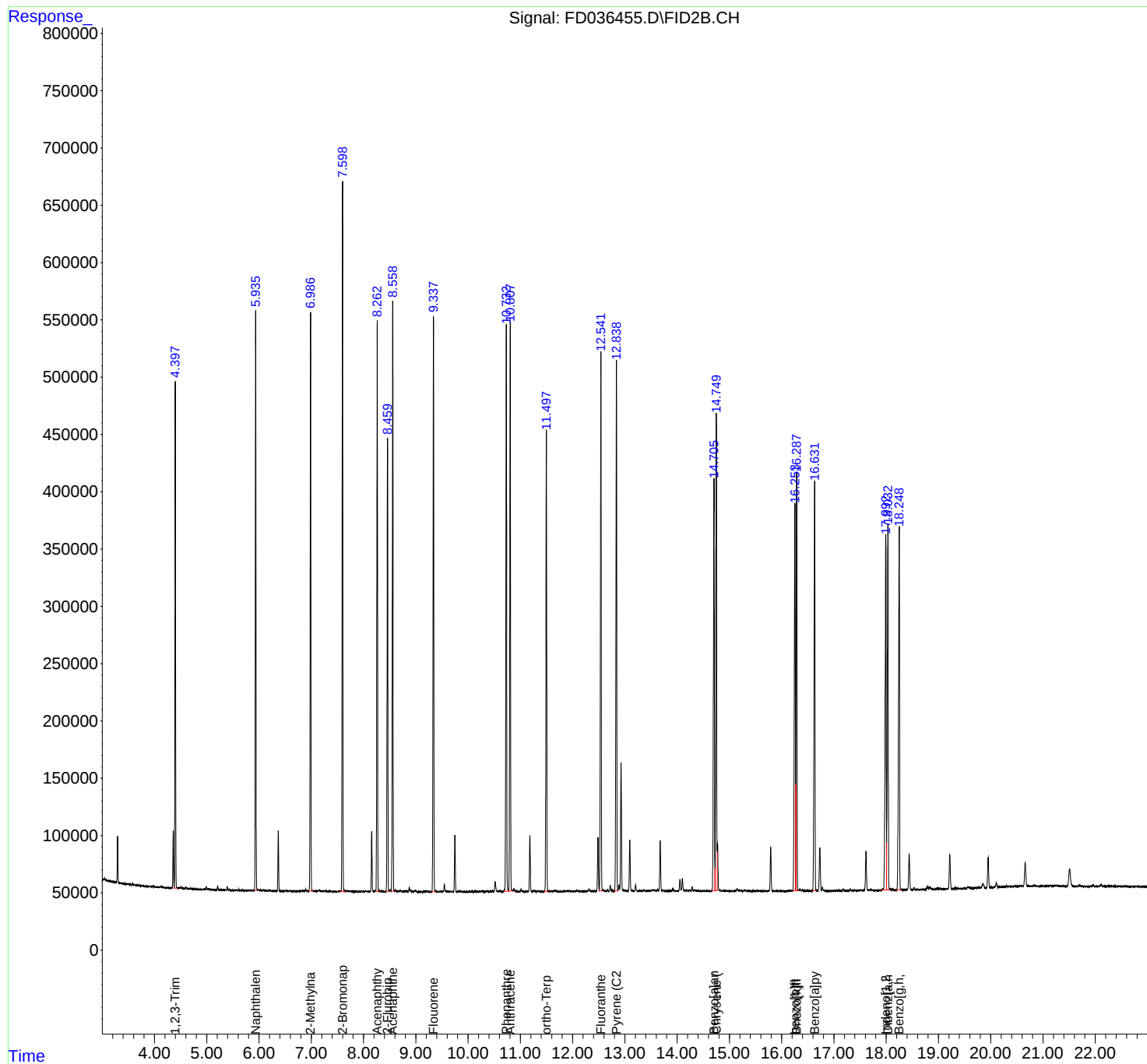
(m)=manual int.

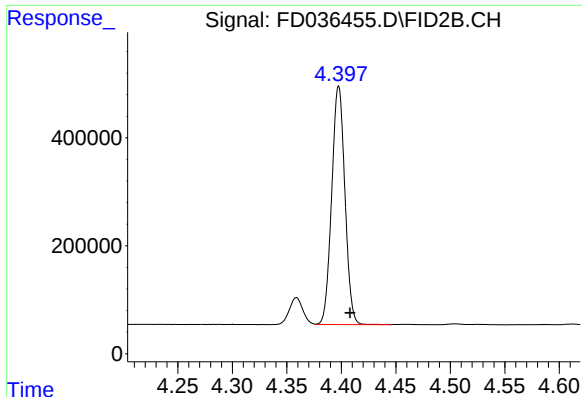
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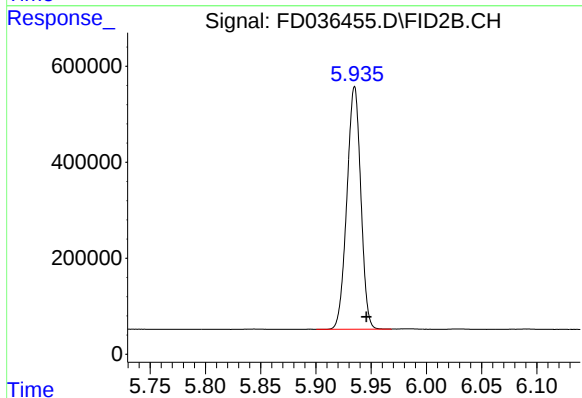




#1 1,2,3-Trimethylbenzene (C10.1)

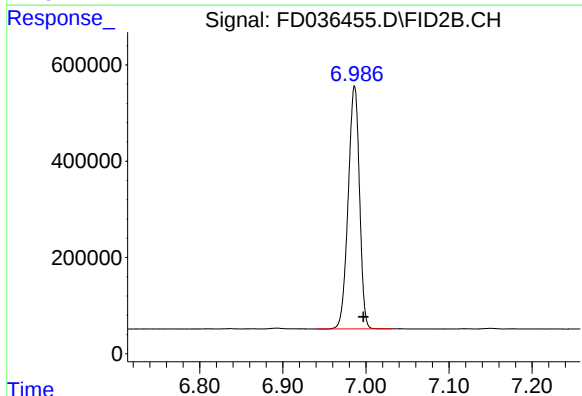
R.T.: 4.398 min
Delta R.T.: -0.010 min
Response: 3729532
Conc: 29.75 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-1A-(1.0-1.5)MSD



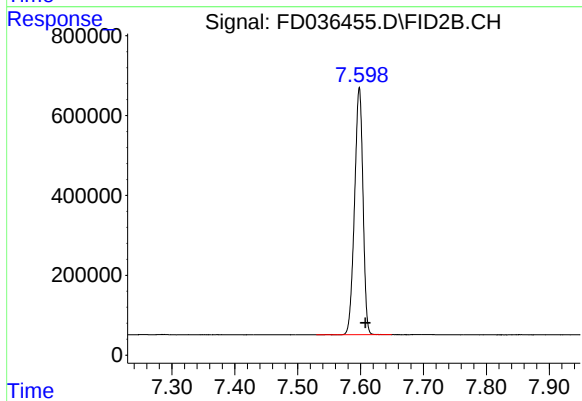
#2 Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.011 min
Response: 4429394
Conc: 32.69 ug/ml



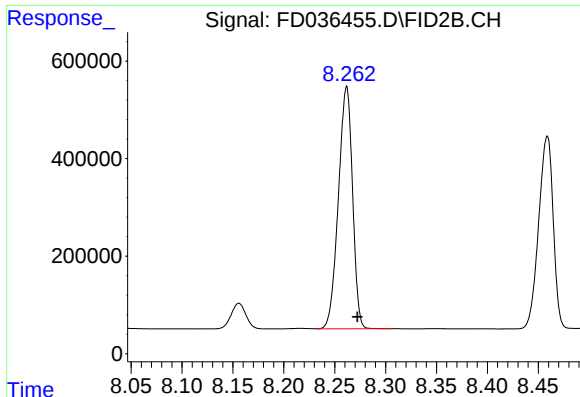
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.011 min
Response: 4779249
Conc: 35.00 ug/ml



#4 2-Bromonaphthalene (SURR)

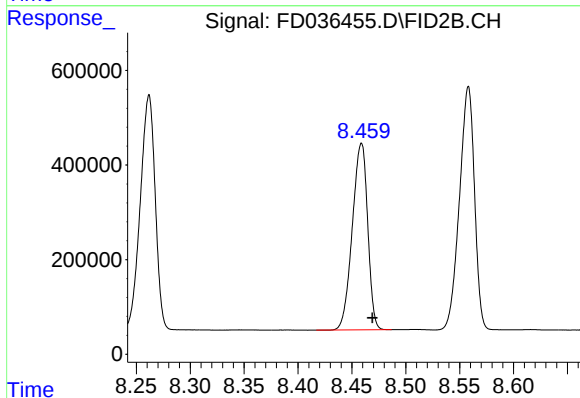
R.T.: 7.598 min
Delta R.T.: -0.009 min
Response: 5762848
Conc: 48.89 ug/ml



#5 Acenaphthylene (C15.06)

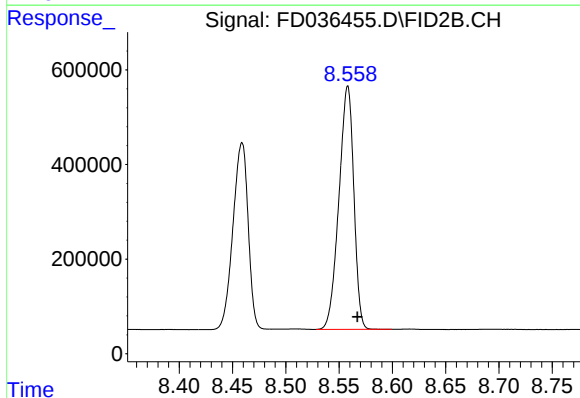
R.T.: 8.262 min
Delta R.T.: -0.010 min
Response: 4806305
Conc: 35.72 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-1A-(1.0-1.5)MSD



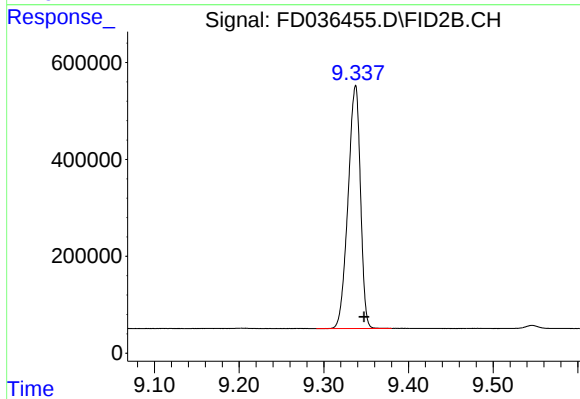
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.459 min
Delta R.T.: -0.010 min
Response: 3917154
Conc: 47.07 ug/ml



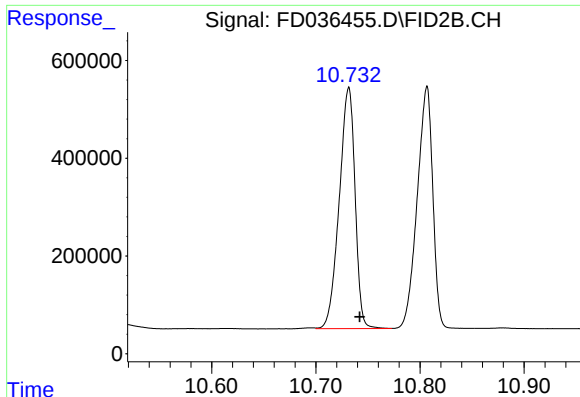
#7 Acenaphthene (C15.5)

R.T.: 8.558 min
Delta R.T.: -0.009 min
Response: 5011576
Conc: 36.21 ug/ml



#8 Flouorene (C16.55)

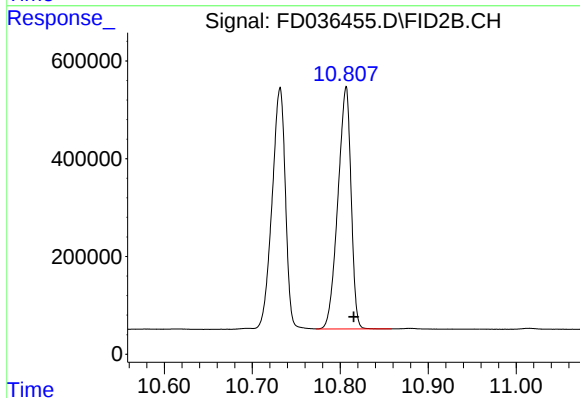
R.T.: 9.338 min
Delta R.T.: -0.010 min
Response: 5109352
Conc: 37.44 ug/ml



#9 Phenanthrene (C19.36)

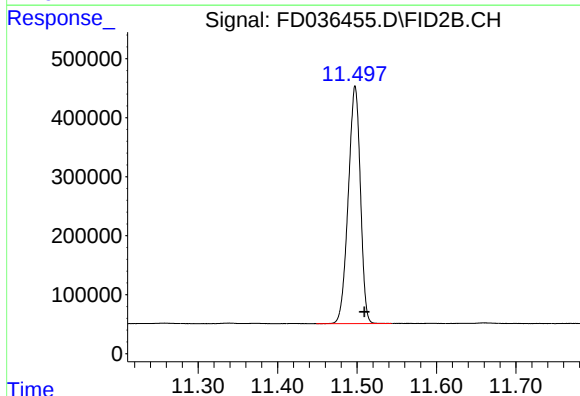
R.T.: 10.732 min
Delta R.T.: -0.011 min
Response: 5217398
Conc: 37.87 ug/ml

Instrument :
FID_D
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SB-1A-(1.0-1.5)MSD



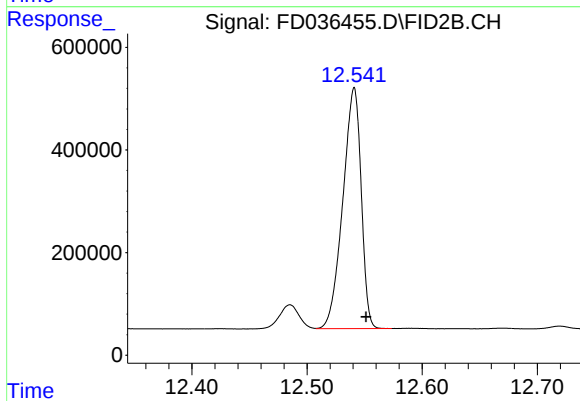
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: -0.009 min
Response: 5149120
Conc: 38.35 ug/ml



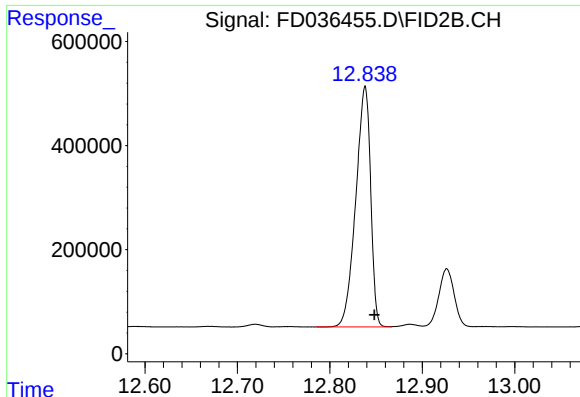
#11 ortho-Terphenyl (SURR)

R.T.: 11.498 min
Delta R.T.: -0.012 min
Response: 4260305
Conc: 30.24 ug/ml



#12 Fluoranthene (C21.85)

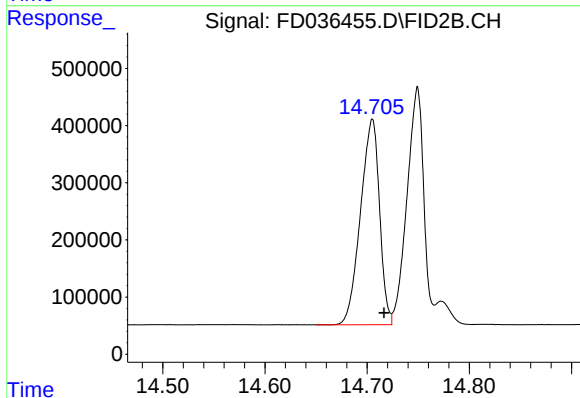
R.T.: 12.541 min
Delta R.T.: -0.010 min
Response: 5197932
Conc: 37.43 ug/ml



#13 Pyrene (C20.8)

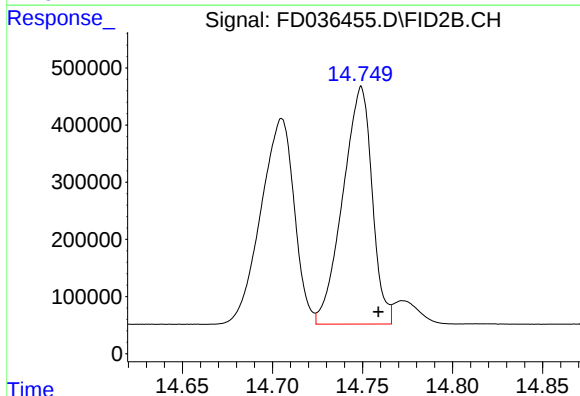
R.T.: 12.838 min
Delta R.T.: -0.010 min
Response: 5165062
Conc: 37.67 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-1A-(1.0-1.5)MSD



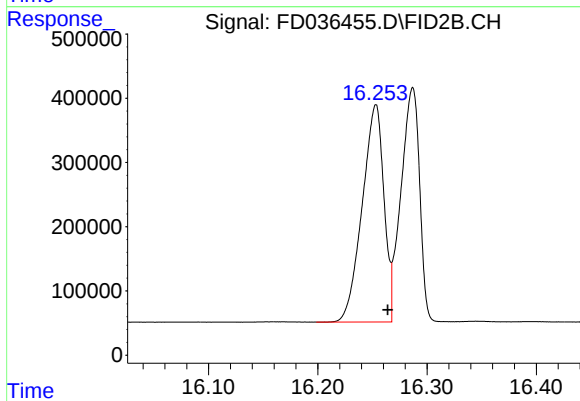
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.705 min
Delta R.T.: -0.012 min
Response: 4646782
Conc: 36.74 ug/ml



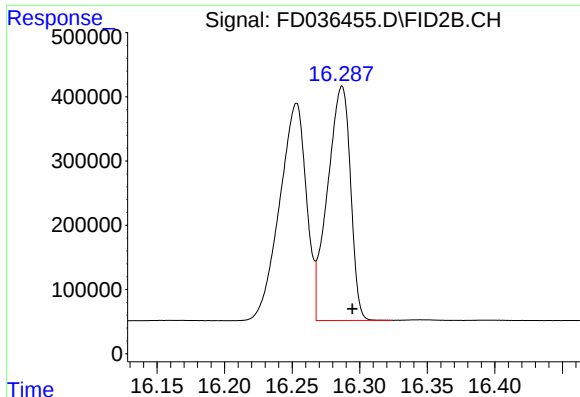
#15 Chrysene (C27.41)

R.T.: 14.749 min
Delta R.T.: -0.010 min
Response: 4706646
Conc: 36.34 ug/ml



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

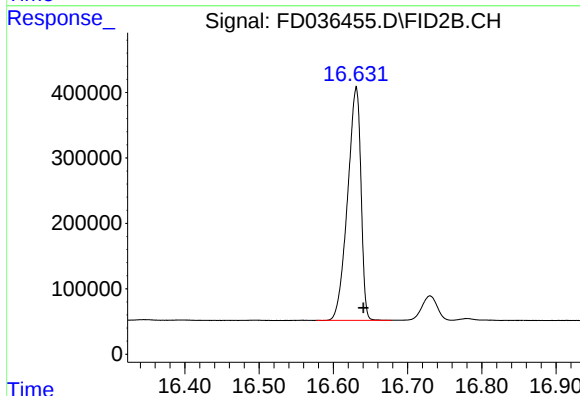
R.T.: 16.253 min
Delta R.T.: -0.011 min
Response: 4664151
Conc: 38.32 ug/ml



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

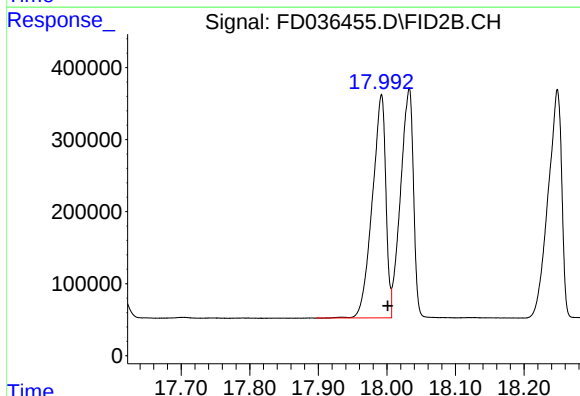
R.T.: 16.287 min
Delta R.T.: -0.008 min
Response: 4311331
Conc: 36.61 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-1A-(1.0-1.5)MSD



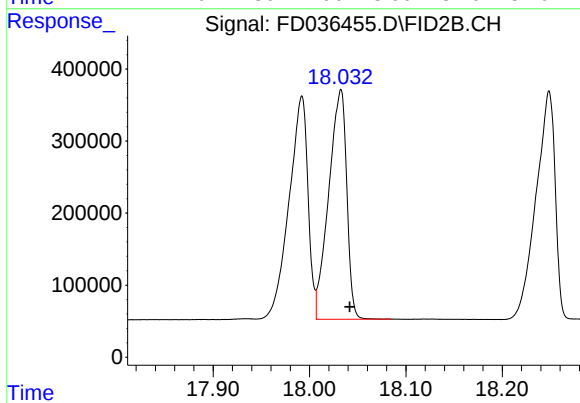
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.631 min
Delta R.T.: -0.010 min
Response: 4451059
Conc: 40.36 ug/ml



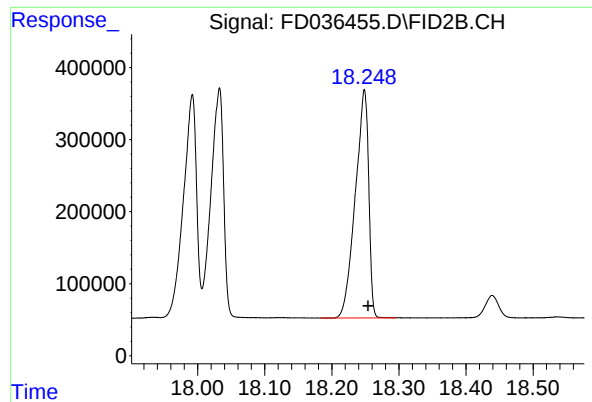
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.992 min
Delta R.T.: -0.009 min
Response: 4260356
Conc: 38.51 ug/ml



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

R.T.: 18.033 min
Delta R.T.: -0.009 min
Response: 4155770
Conc: 37.55 ug/ml



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

R.T.: 18.249 min
Delta R.T.: -0.006 min
Response: 4384036
Conc: 39.65 ug/ml

Instrument :

FID_D

ClientSampleId :

SB-1A-(1.0-1.5)MSD