

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040921AR\
 Data File : FD036818.D
 Signal(s) : FID2B.CH
 Acq On : 09 Apr 2021 16:21
 Operator : DD\AJ
 Sample : M1951-03MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 10 00:31:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.593	6052106	43.032 ug/ml
Spiked Amount 50.000		Recovery =	86.06%
6) S 2-Fluorobiphenyl (SURR)	8.454	3484896	37.125 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.25%
11) S ortho-Terphenyl (SURR)	11.495	5915386	38.731 ug/ml
Spiked Amount 50.000		Recovery =	77.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	5559197	37.925 ug/ml
2) T Naphthalene (C11.7)	5.931	6231997	39.653 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	6215481	39.547 ug/ml
5) T Acenaphthylene (C15.06)	8.259	6389593	42.643 ug/ml
7) T Acenaphthene (C15.5)	8.555	6214907	40.036 ug/ml
8) T Flouorene (C16.55)	9.336	6214751	41.278 ug/ml
9) T Phenanthrene (C19.36)	10.731	5910622	40.326 ug/ml
10) T Anthracene (C19.43)	10.806	5828978	40.264 ug/ml
12) T Fluoranthene (C21.85)	12.542	5585845	39.786 ug/ml
13) T Pyrene (C20.8)	12.839	5520471	40.236 ug/ml
14) T Benzo[a]anthracene (C...	14.709	5168671	43.523 ug/ml
15) T Chrysene (C27.41)	14.753	5784451	47.832 ug/ml
16) T benzo[b]fluoranthene ...	16.259	5456820	49.729 ug/ml
17) T Bnezo[k]fluoranthene ...	16.259	5456820	51.335 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.639	5337426	53.555 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.003	5002162	49.764 ug/ml
20) T Dibenz[a,h]anthracene...	18.003	5002162	49.608 ug/ml
21) T Benzo[g,h,i]perylene ...	18.262	5235715	51.674 ug/ml

(f)=RT Delta > 1/2 Window

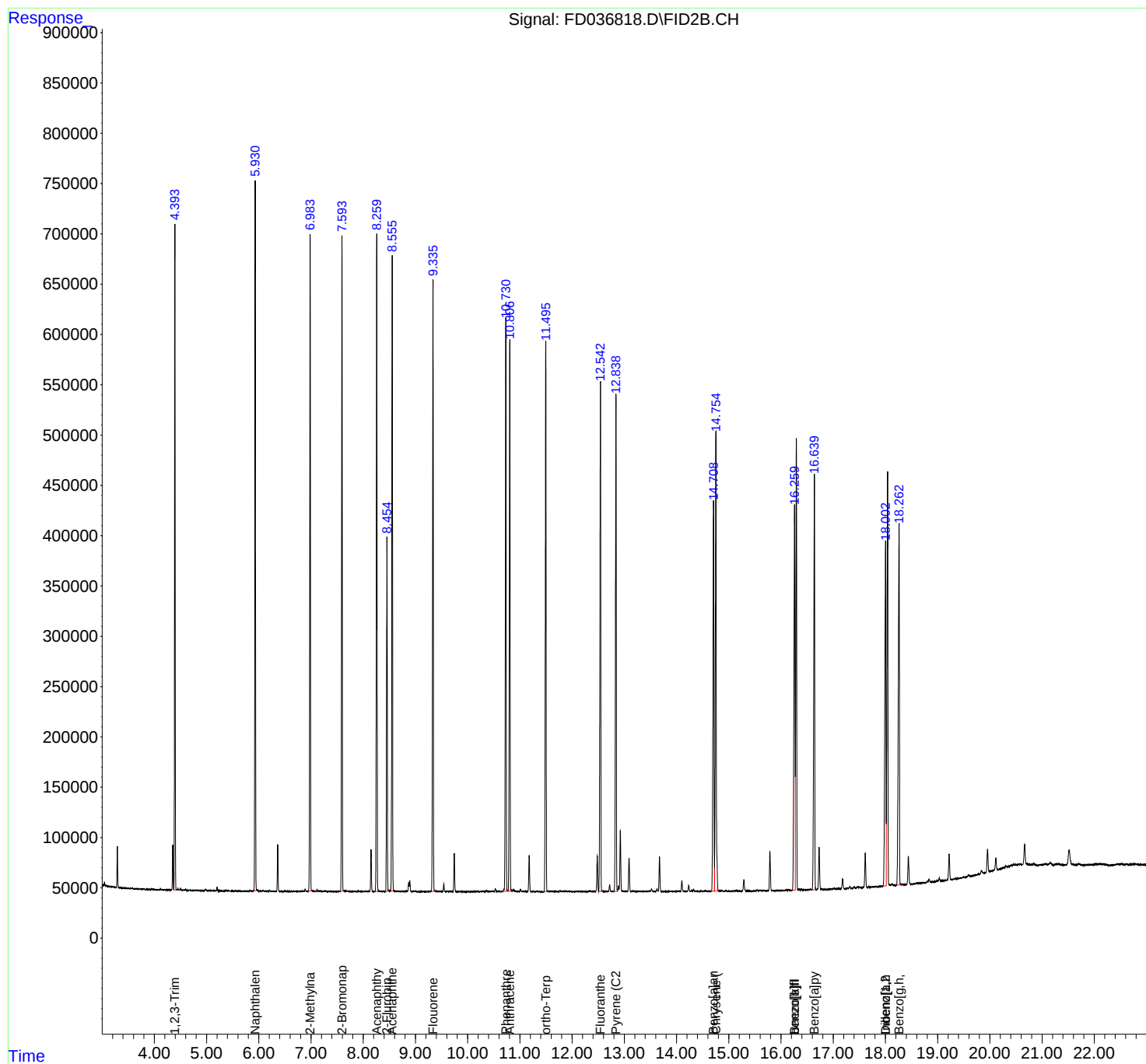
(m)=manual int.

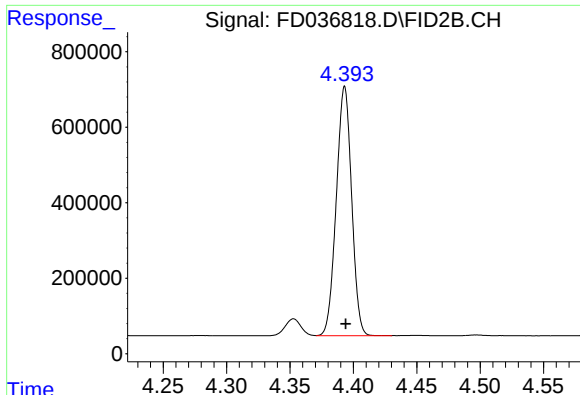
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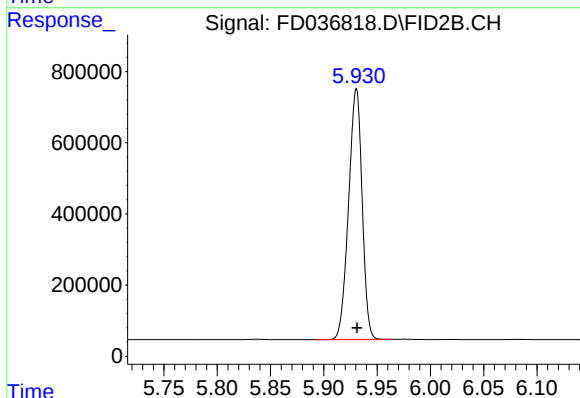




#1 1,2,3-Trimethylbenzene (C10.1)

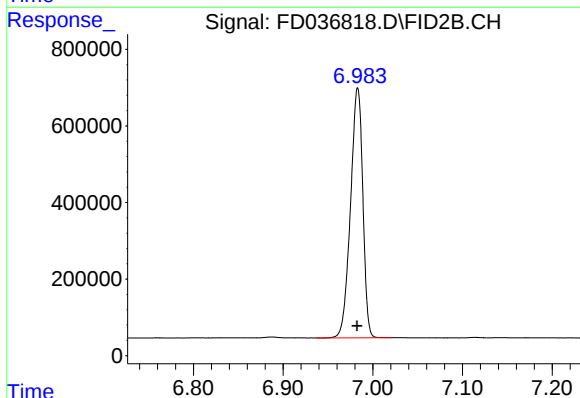
R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 5559197
Conc: 37.93 ug/ml

Instrument :
FID_D
ClientSampleId :



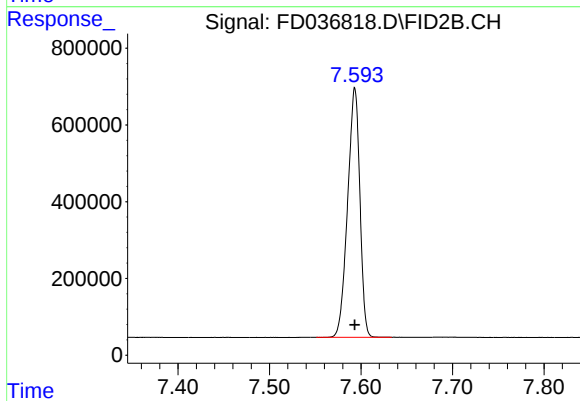
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 6231997
Conc: 39.65 ug/ml



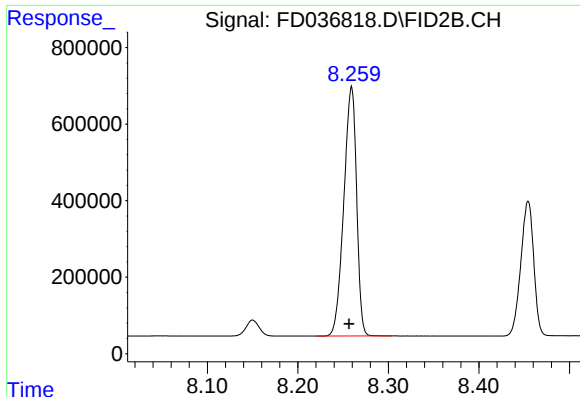
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 6215481
Conc: 39.55 ug/ml



#4 2-Bromonaphthalene (SURR)

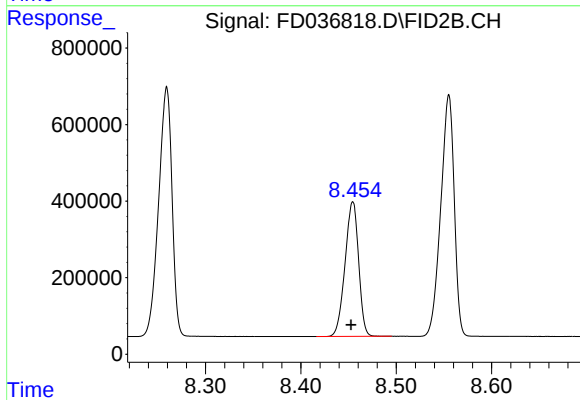
R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 6052106
Conc: 43.03 ug/ml



#5 Acenaphthylene (C15.06)

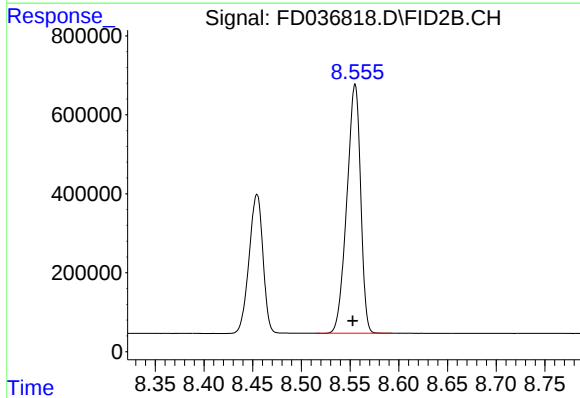
R.T.: 8.259 min
Delta R.T.: 0.003 min
Response: 6389593
Conc: 42.64 ug/ml

Instrument :
FID_D
ClientSampleId :



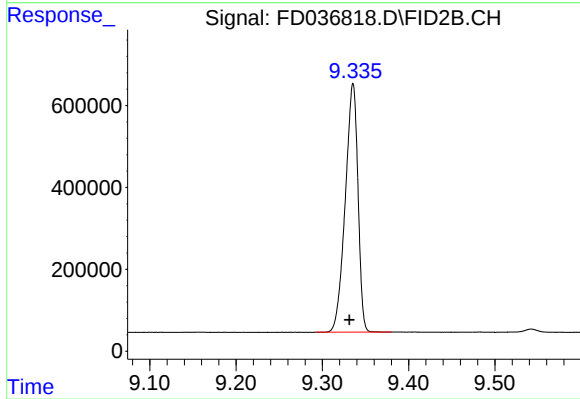
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: 0.002 min
Response: 3484896
Conc: 37.13 ug/ml



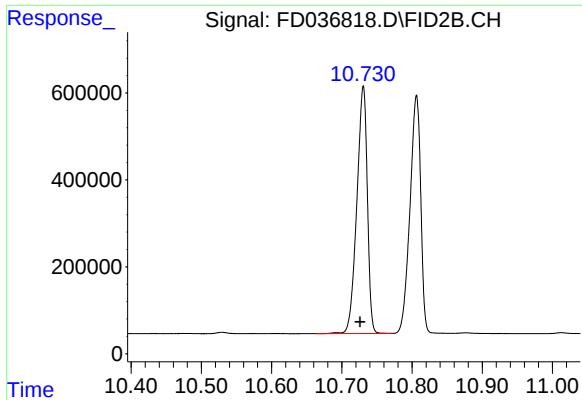
#7 Acenaphthene (C15.5)

R.T.: 8.555 min
Delta R.T.: 0.002 min
Response: 6214907
Conc: 40.04 ug/ml



#8 Flouorene (C16.55)

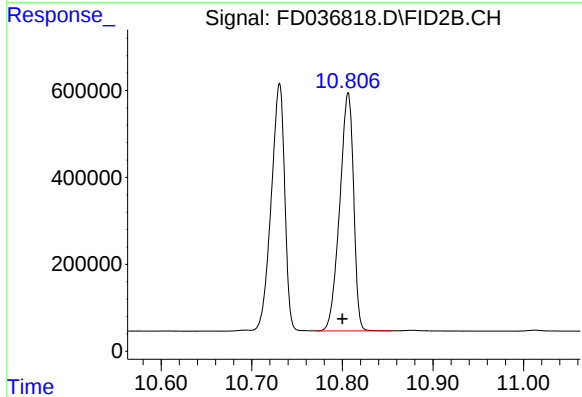
R.T.: 9.336 min
Delta R.T.: 0.004 min
Response: 6214751
Conc: 41.28 ug/ml



#9 Phenanthrene (C19.36)

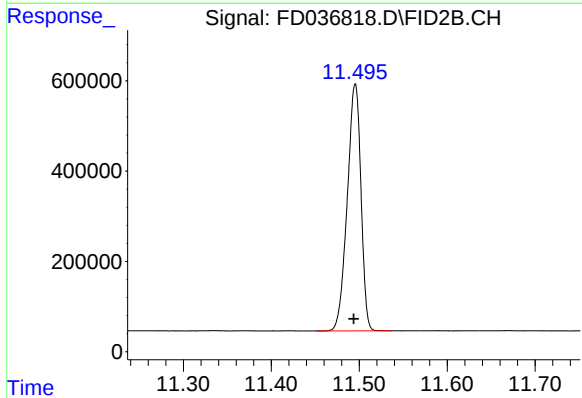
R.T.: 10.731 min
Delta R.T.: 0.005 min
Response: 5910622
Conc: 40.33 ug/ml

Instrument :
FID_D
ClientSampleId :



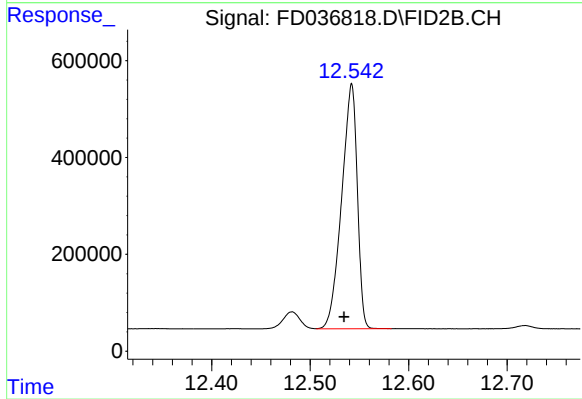
#10 Anthracene (C19.43)

R.T.: 10.806 min
Delta R.T.: 0.006 min
Response: 5828978
Conc: 40.26 ug/ml



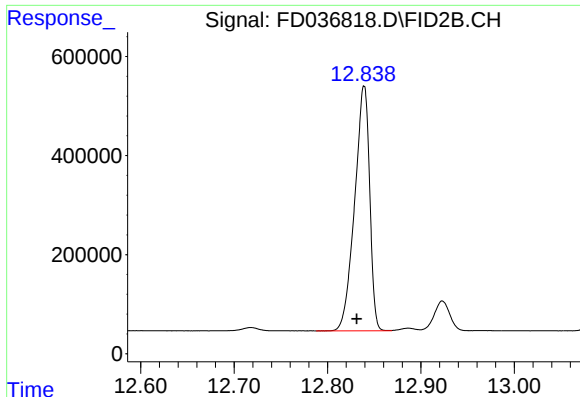
#11 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.002 min
Response: 5915386
Conc: 38.73 ug/ml



#12 Fluoranthene (C21.85)

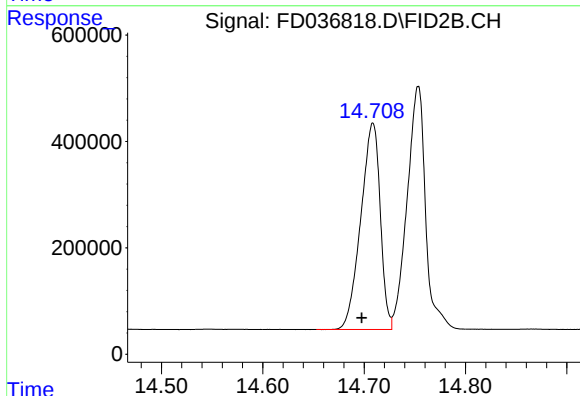
R.T.: 12.542 min
Delta R.T.: 0.008 min
Response: 5585845
Conc: 39.79 ug/ml



#13 Pyrene (C20.8)

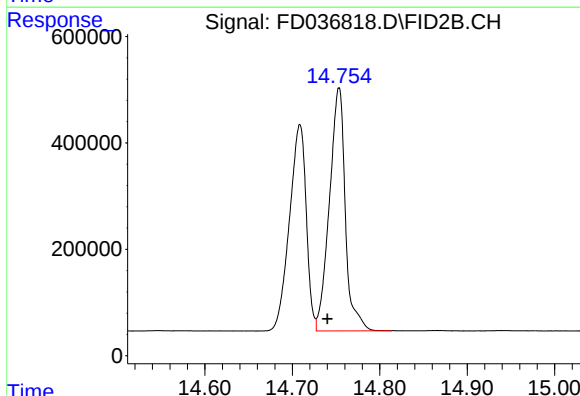
R.T.: 12.839 min
Delta R.T.: 0.008 min
Response: 5520471
Conc: 40.24 ug/ml

Instrument :
FID_D
ClientSampleId :



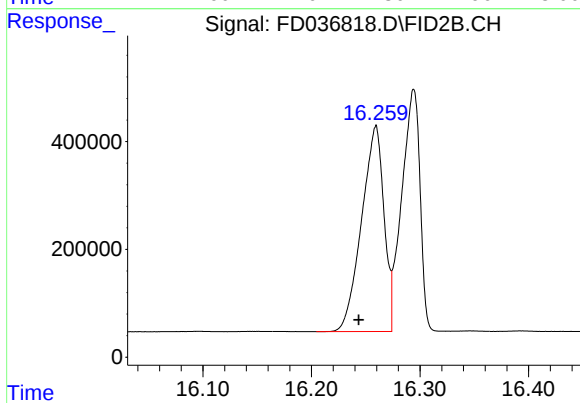
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.709 min
Delta R.T.: 0.011 min
Response: 5168671
Conc: 43.52 ug/ml



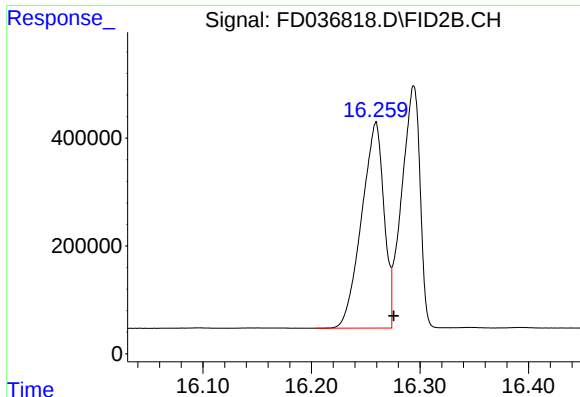
#15 Chrysene (C27.41)

R.T.: 14.753 min
Delta R.T.: 0.013 min
Response: 5784451
Conc: 47.83 ug/ml



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

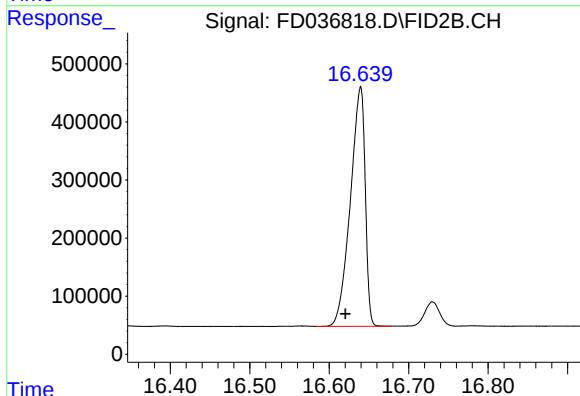
R.T.: 16.259 min
Delta R.T.: 0.016 min
Response: 5456820
Conc: 49.73 ug/ml



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

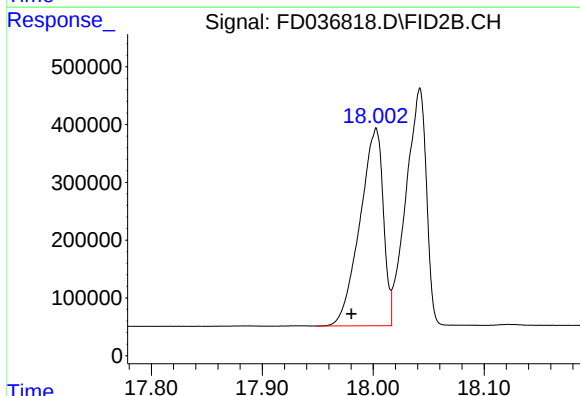
R.T.: 16.259 min
Delta R.T.: -0.017 min
Response: 5456820
Conc: 51.33 ug/ml

Instrument :
FID_D
ClientSampleId :



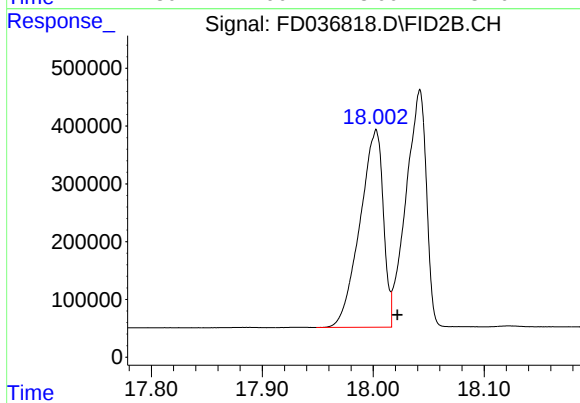
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.639 min
Delta R.T.: 0.019 min
Response: 5337426
Conc: 53.56 ug/ml



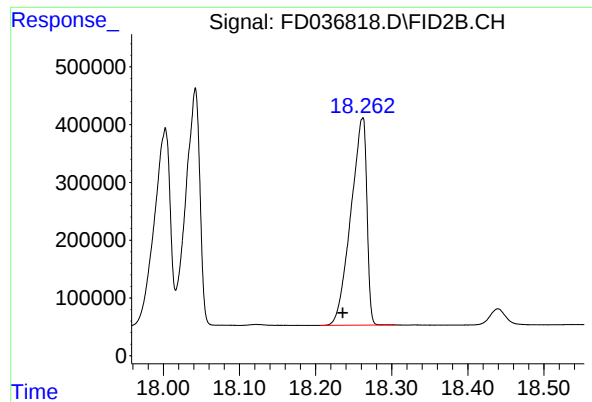
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.003 min
Delta R.T.: 0.022 min
Response: 5002162
Conc: 49.76 ug/ml



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

R.T.: 18.003 min
Delta R.T.: -0.019 min
Response: 5002162
Conc: 49.61 ug/ml



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

R.T.: 18.262 min
Delta R.T.: 0.026 min
Response: 5235715
Conc: 51.67 ug/ml

Instrument :
FID_D
ClientSampleId :