

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110923AR\
 Data File : FD046893.D
 Signal(s) : FID2B.ch
 Acq On : 10 Nov 2023 06:39
 Operator : YP/AJ
 Sample : 05294-06MSD
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WT-6MSD

Integration File: autoint1.e
 Quant Time: Nov 10 07:12:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.482	7448082	40.840 ug/ml
Spiked Amount 50.000		Recovery =	81.68%
6) S 2-Fluorobiphenyl (SURR)	8.335	3730605	31.701 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	63.40%
11) S ortho-Terphenyl (SURR)	11.374	7560248	35.703 ug/ml
Spiked Amount 50.000		Recovery =	71.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295	4874482	25.240 ug/ml
2) T Naphthalene (C11.7)	5.821	5933601	29.632 ug/ml
3) T 2-Methylnaphthalene (...)	6.869	6344808	31.569 ug/ml
5) T Acenaphthylene (C15.06)	8.140	7267250	39.511 ug/ml
7) T Acenaphthene (C15.5)	8.435	7094381	36.217 ug/ml
8) T Fluorene (C16.55)	9.214	7705998	41.661 ug/ml
9) T Phenanthrene (C19.36)	10.603	7743690	43.527 ug/ml
10) T Anthracene (C19.43)	10.678	7539302	44.240 ug/ml
12) T Fluoranthene (C21.85)	12.407	7758740	44.924 ug/ml
13) T Pyrene (C20.8)	12.701	7707330	46.352 ug/ml
14) T Benzo[a]anthracene (C...	14.565	6924300	49.216 ug/ml
15) T Chrysene (C27.41)	14.609	6910491	44.311 ug/ml
16) T benzo[b]fluoranthene ...	16.107	6697251	46.793 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	6514058	44.494 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	6168784	44.010 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	6551911	51.864 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	5953203	42.614 ug/ml
21) T Benzo[g,h,i]perylene ...	18.096	6037950	43.244 ug/ml

(f)=RT Delta > 1/2 Window

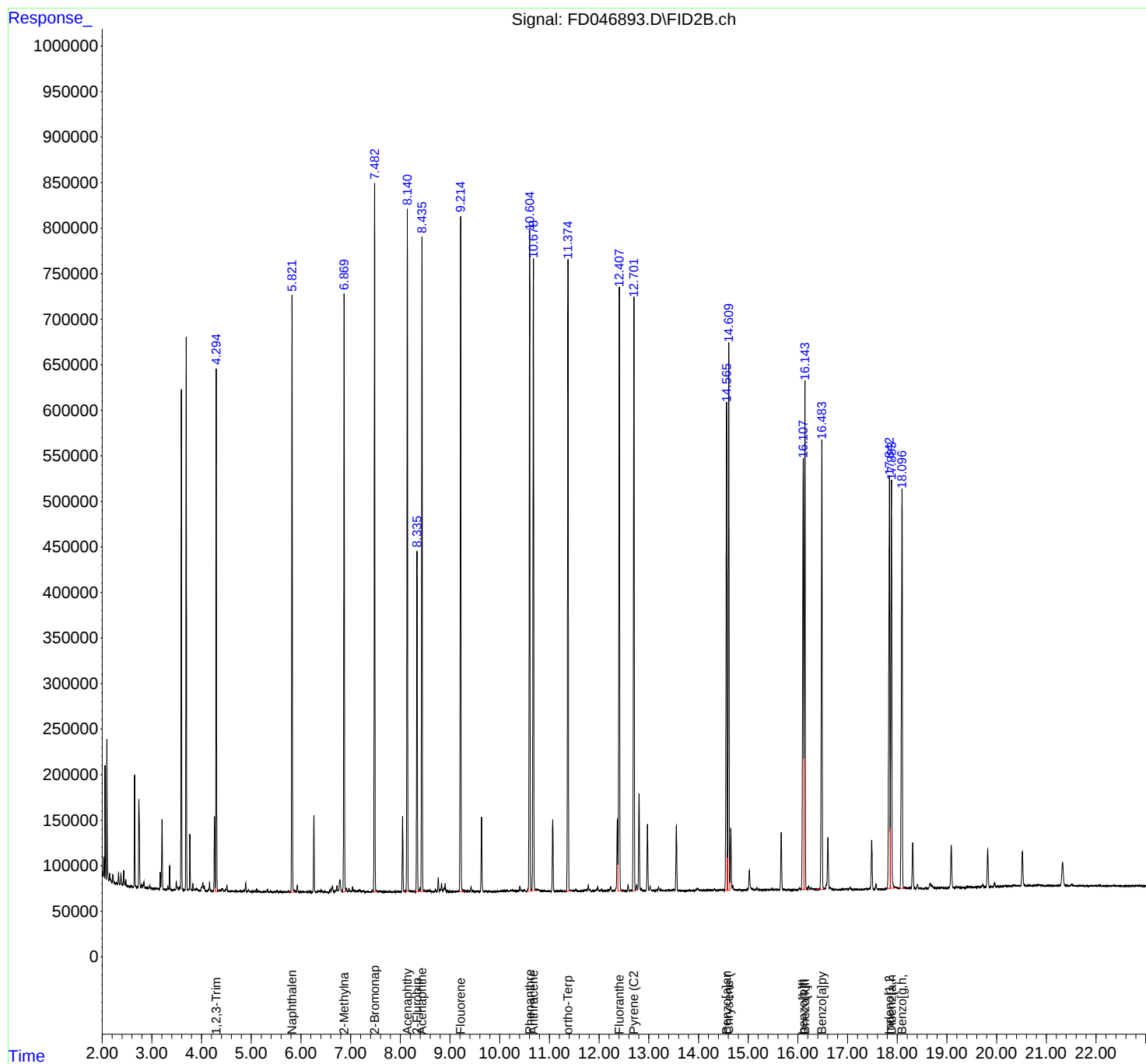
(m)=manual int.

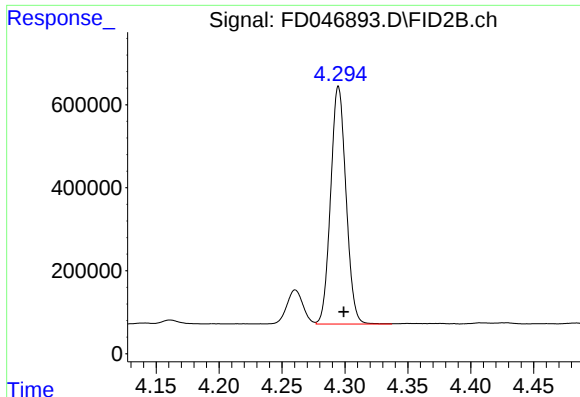
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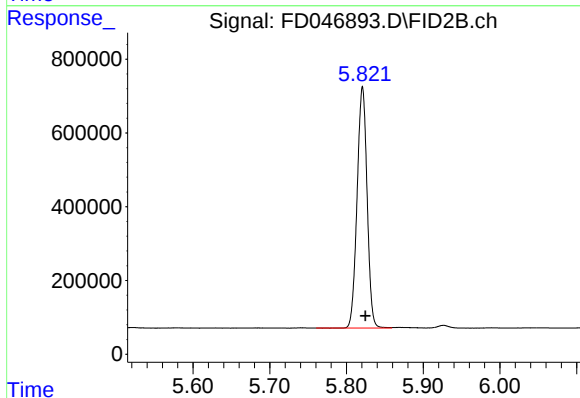




#1 1,2,3-Trimethylbenzene (C10.1)

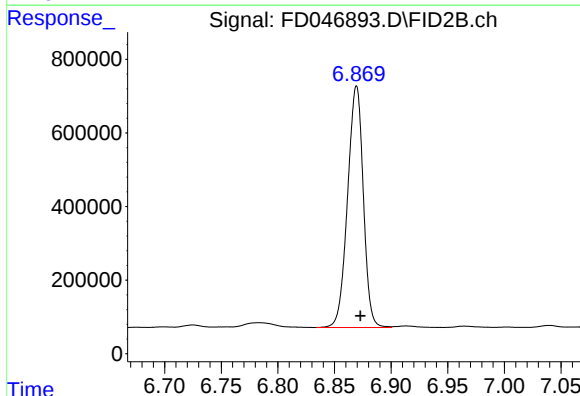
R.T.: 4.295 min
Delta R.T.: -0.004 min
Response: 4874482
Conc: 25.24 ug/ml

Instrument :
FID_D
ClientSampleId :
WT-6MSD



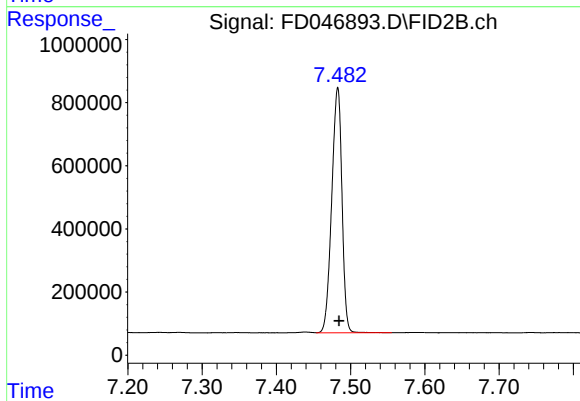
#2 Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: -0.004 min
Response: 5933601
Conc: 29.63 ug/ml



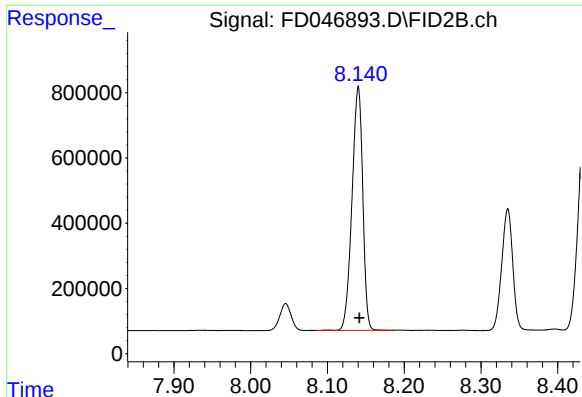
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 6344808
Conc: 31.57 ug/ml



#4 2-Bromonaphthalene (SURR)

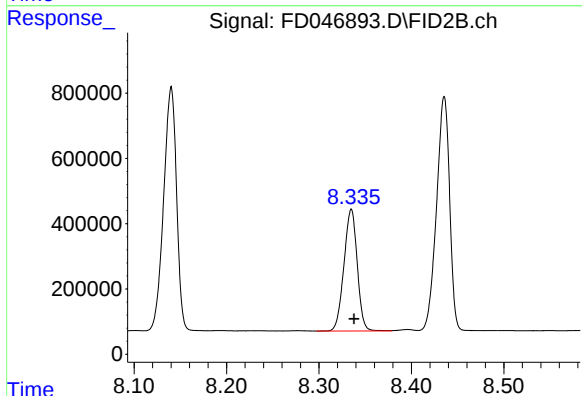
R.T.: 7.482 min
Delta R.T.: -0.002 min
Response: 7448082
Conc: 40.84 ug/ml



#5 Acenaphthylene (C15.06)

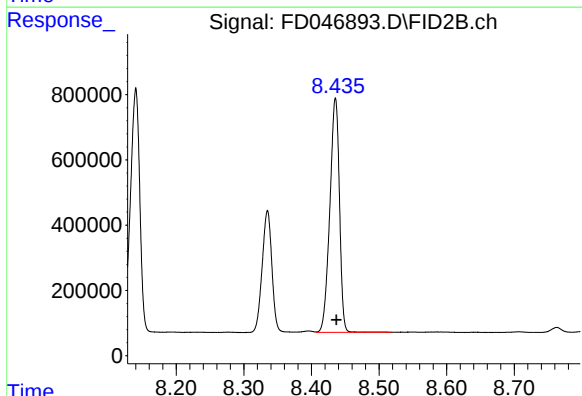
R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 7267250
Conc: 39.51 ug/ml

Instrument :
FID_D
ClientSampleId :
WT-6MSD



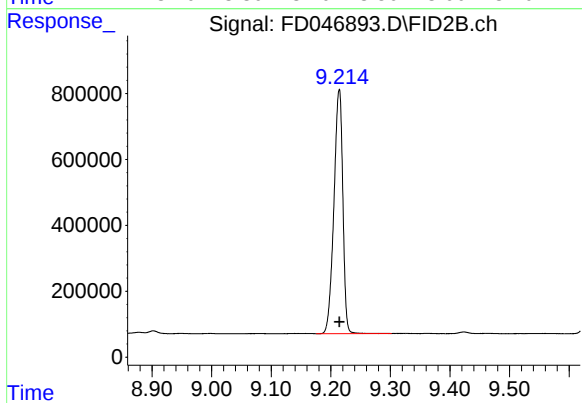
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.335 min
Delta R.T.: -0.003 min
Response: 3730605
Conc: 31.70 ug/ml



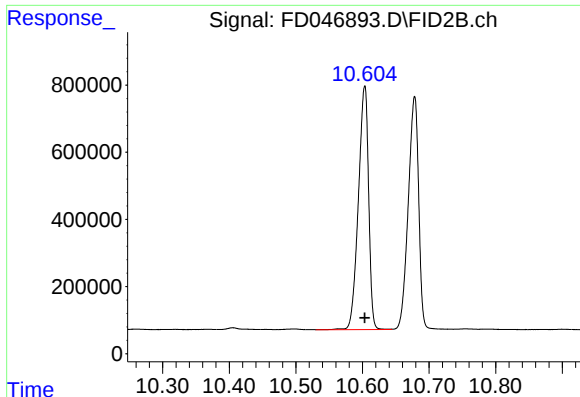
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 7094381
Conc: 36.22 ug/ml



#8 Fluorene (C16.55)

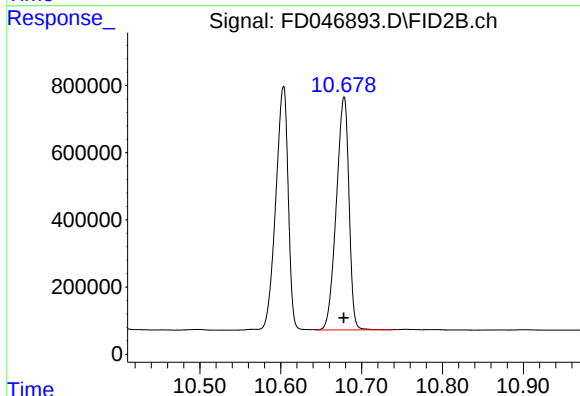
R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 7705998
Conc: 41.66 ug/ml



#9 Phenanthrene (C19.36)

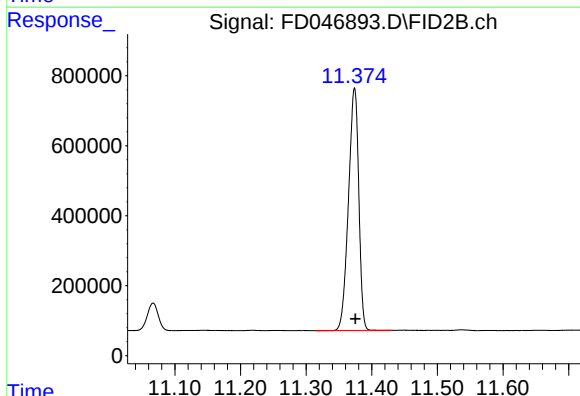
R.T.: 10.603 min
Delta R.T.: 0.000 min
Response: 7743690
Conc: 43.53 ug/ml

Instrument :
FID_D
ClientSampleId :
WT-6MSD



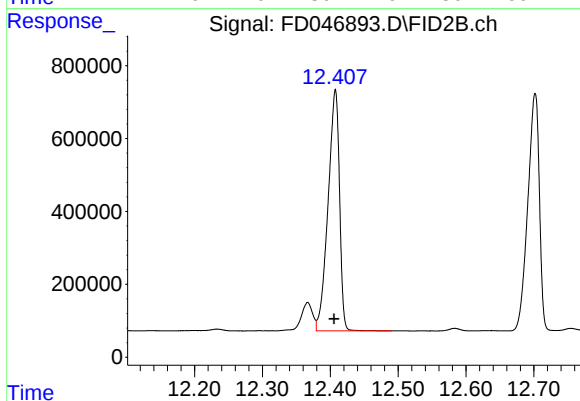
#10 Anthracene (C19.43)

R.T.: 10.678 min
Delta R.T.: 0.000 min
Response: 7539302
Conc: 44.24 ug/ml



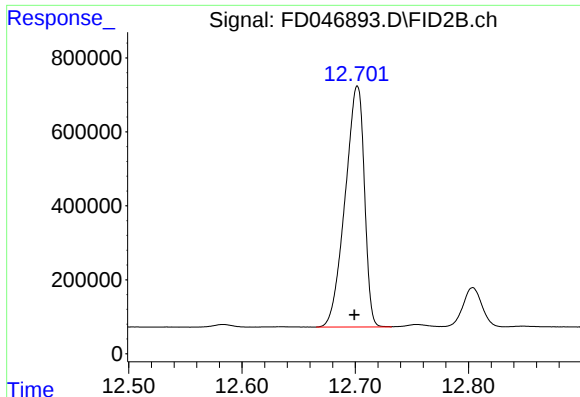
#11 ortho-Terphenyl (SURR)

R.T.: 11.374 min
Delta R.T.: -0.002 min
Response: 7560248
Conc: 35.70 ug/ml



#12 Fluoranthene (C21.85)

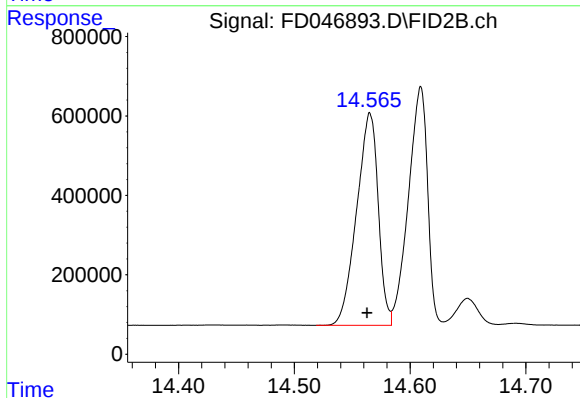
R.T.: 12.407 min
Delta R.T.: 0.001 min
Response: 7758740
Conc: 44.92 ug/ml



#13 Pyrene (C20.8)

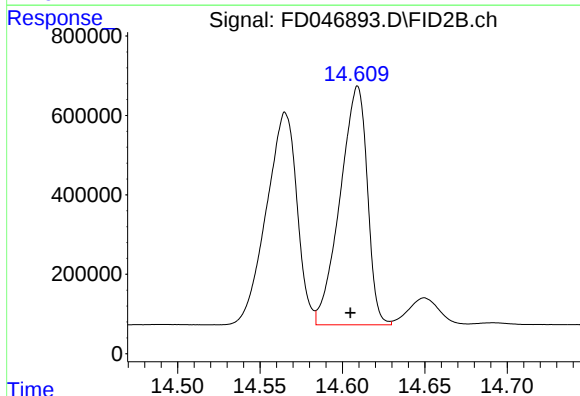
R.T.: 12.701 min
Delta R.T.: 0.002 min
Response: 7707330
Conc: 46.35 ug/ml

Instrument :
FID_D
ClientSampleId :
WT-6MSD



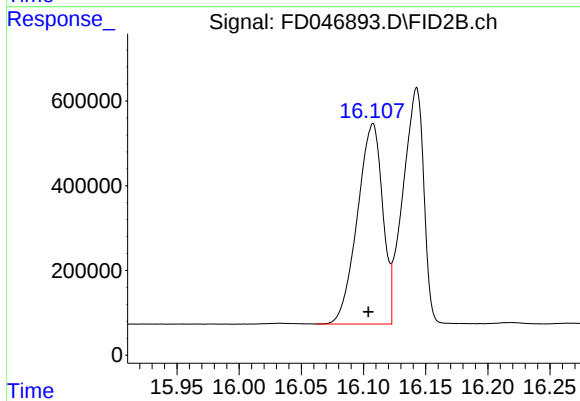
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.565 min
Delta R.T.: 0.002 min
Response: 6924300
Conc: 49.22 ug/ml



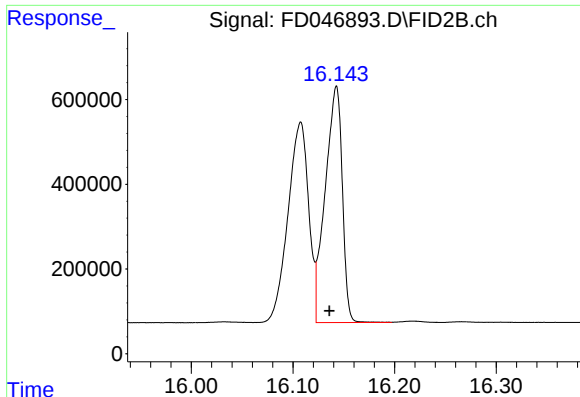
#15 Chrysene (C27.41)

R.T.: 14.609 min
Delta R.T.: 0.004 min
Response: 6910491
Conc: 44.31 ug/ml



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

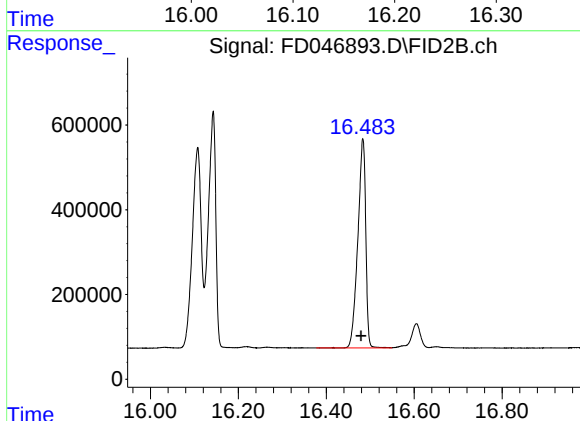
R.T.: 16.107 min
Delta R.T.: 0.003 min
Response: 6697251
Conc: 46.79 ug/ml



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

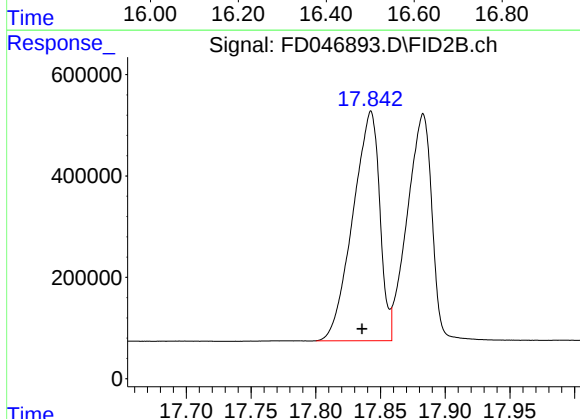
R.T.: 16.142 min
Delta R.T.: 0.006 min
Response: 6514058
Conc: 44.49 ug/ml

Instrument :
FID_D
ClientSampleId :
WT-6MSD



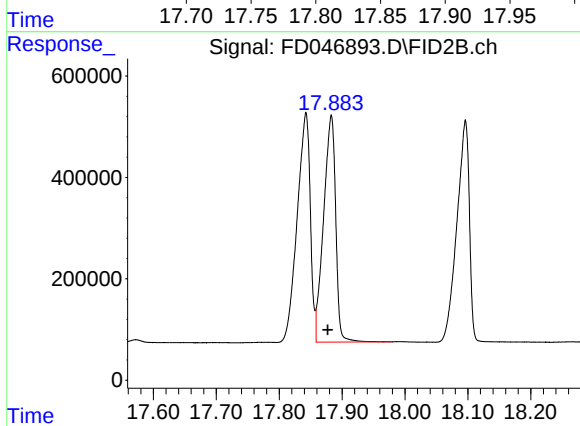
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: 0.004 min
Response: 6168784
Conc: 44.01 ug/ml



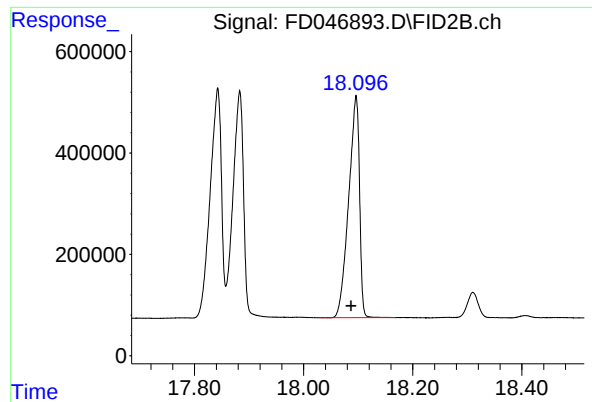
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: 0.006 min
Response: 6551911
Conc: 51.86 ug/ml



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

R.T.: 17.882 min
Delta R.T.: 0.005 min
Response: 5953203
Conc: 42.61 ug/ml



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

R.T.: 18.096 min
Delta R.T.: 0.009 min
Response: 6037950
Conc: 43.24 ug/ml

Instrument :
FID_D
ClientSampleId :
WT-6MSD