

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044972.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 00:27
 Operator : YP/AJ
 Sample : 01416-01MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-01-SB01MSD

Integration File: autoint1.e
 Quant Time: Feb 08 04:08:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.558	5676189	38.703 ug/ml
Spiked Amount 50.000		Recovery =	77.41%
6) S 2-Fluorobiphenyl (SURR)	8.414	3734814	37.418 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.84%
11) S ortho-Terphenyl (SURR)	11.456	6535546	35.164 ug/ml
Spiked Amount 50.000		Recovery =	70.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	4571805	28.640 ug/ml
2) T Naphthalene (C11.7)	5.897	5292140	31.234 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	5326501	31.048 ug/ml
5) T Acenaphthylene (C15.06)	8.219	5803120	36.929 ug/ml
7) T Acenaphthene (C15.5)	8.515	5828999	35.058 ug/ml
8) T Flouorene (C16.55)	9.293	5844935	35.610 ug/ml
9) T Phenanthrene (C19.36)	10.685	6082355	37.619 ug/ml
10) T Anthracene (C19.43)	10.760	5926558	39.978 ug/ml
12) T Fluoranthene (C21.85)	12.491	6354254	39.703 ug/ml
13) T Pyrene (C20.8)	12.787	6257485	39.878 ug/ml
14) T Benzo[a]anthracene (C...	14.653	5782603	40.516 ug/ml
15) T Chrysene (C27.41)	14.696	5771772	38.982 ug/ml
16) T benzo[b]fluoranthene ...	16.197	5869492	40.460 ug/ml
17) T Bnezo[k]fluoranthene ...	16.231	5361833	37.608 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.573	5074774	36.316 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.933	5254956	39.050 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	5076176	38.305 ug/ml
21) T Benzo[g,h,i]perylene ...	18.187	5209754	38.316 ug/ml

(f)=RT Delta > 1/2 Window

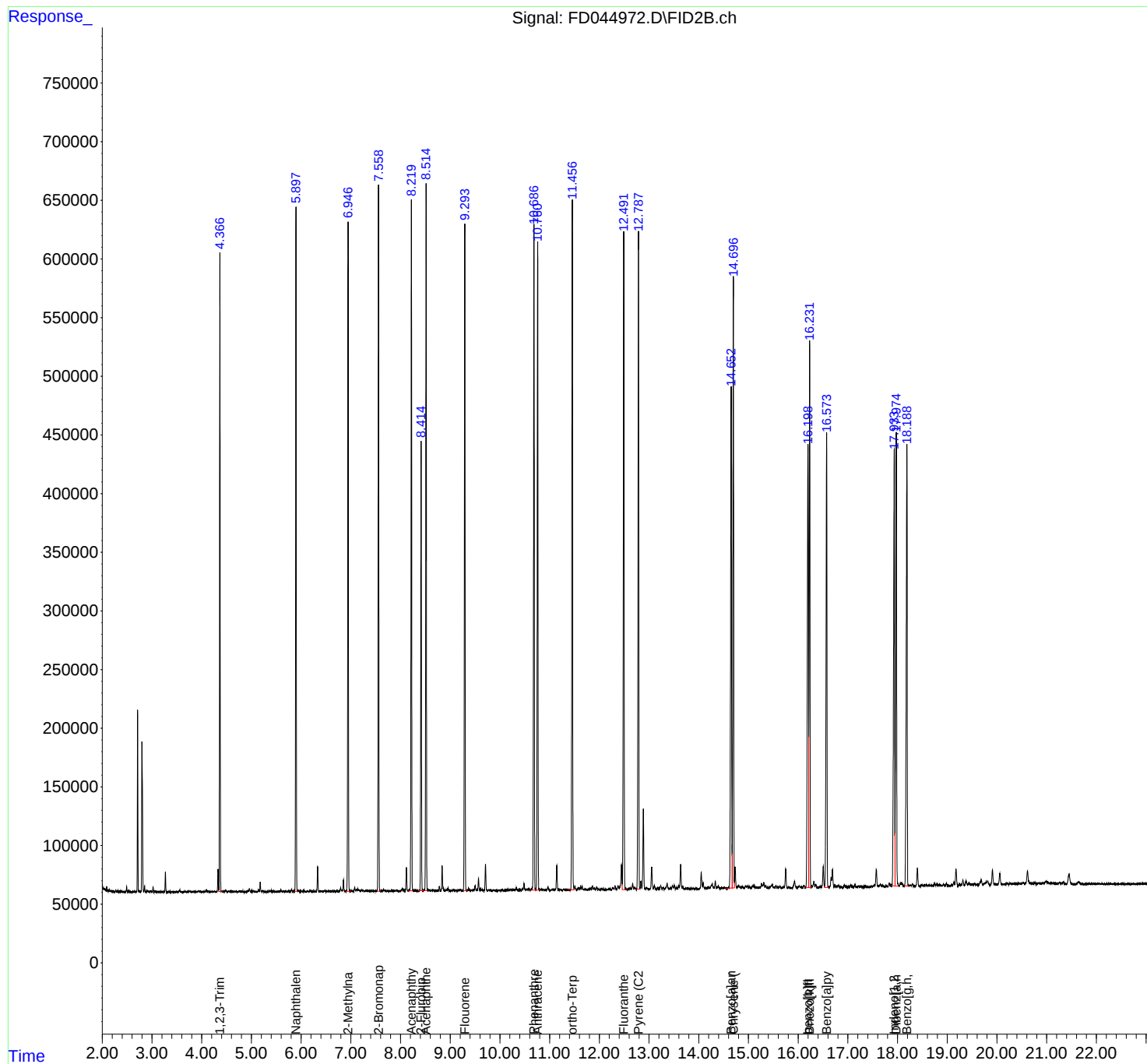
(m)=manual int.

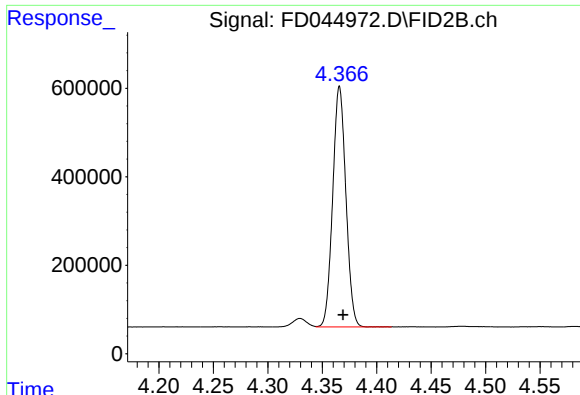
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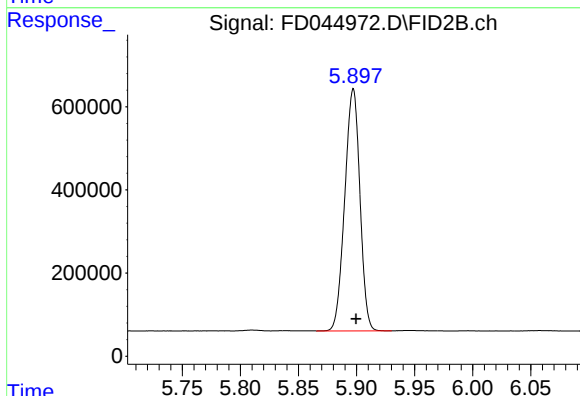




#1 1,2,3-Trimethylbenzene (C10.1)

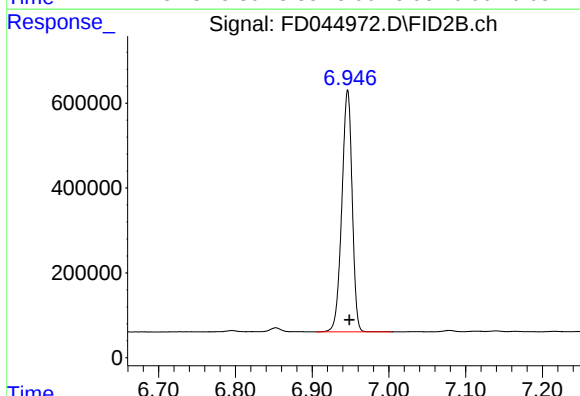
R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 4571805
Conc: 28.64 ug/ml

Instrument :
FID_D
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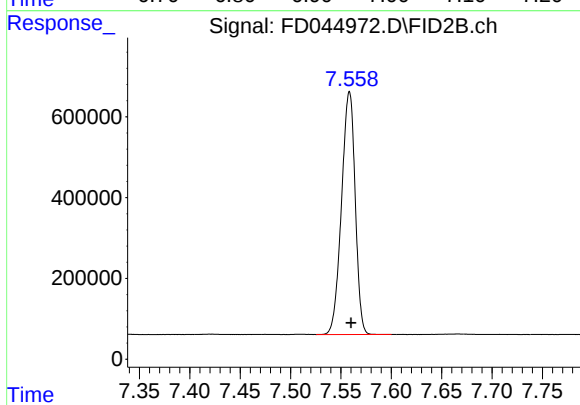
#2 Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 5292140
Conc: 31.23 ug/ml



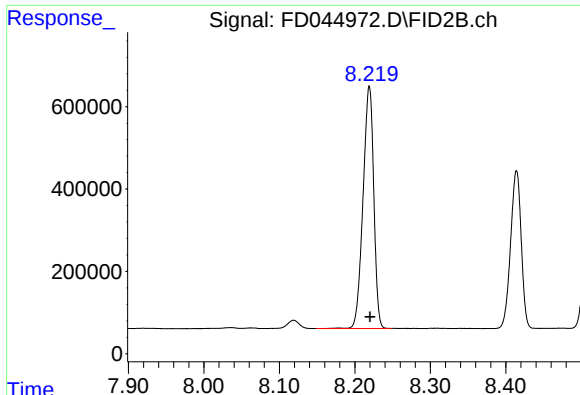
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 5326501
Conc: 31.05 ug/ml



#4 2-Bromonaphthalene (SURR)

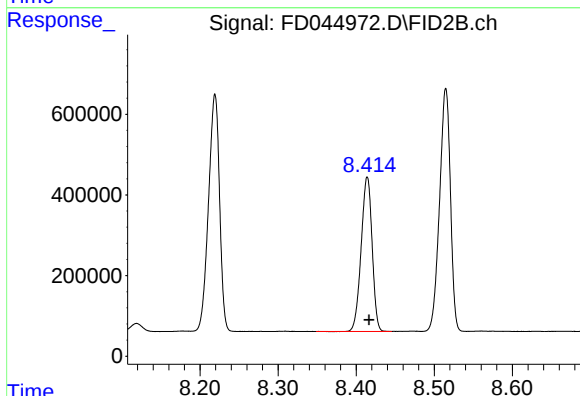
R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 5676189
Conc: 38.70 ug/ml



#5 Acenaphthylene (C15.06)

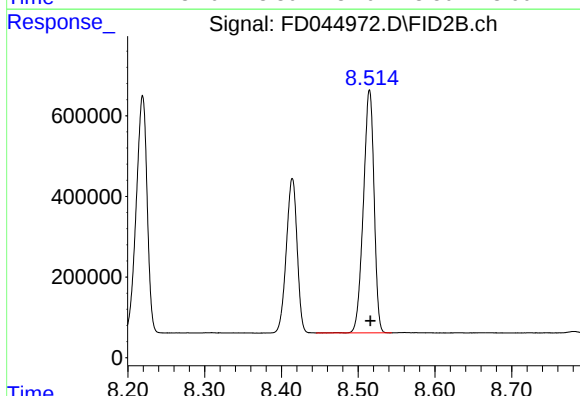
R.T.: 8.219 min
Delta R.T.: -0.001 min
Response: 5803120
Conc: 36.93 ug/ml

Instrument :
FID_D
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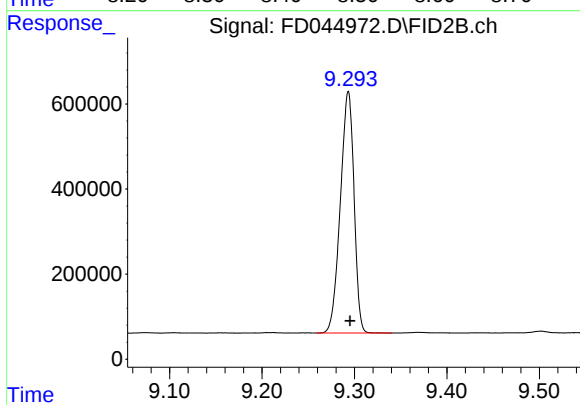
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 3734814
Conc: 37.42 ug/ml



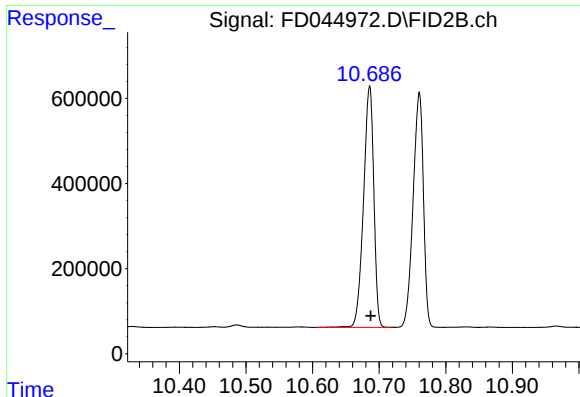
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: -0.001 min
Response: 5828999
Conc: 35.06 ug/ml



#8 Fluorene (C16.55)

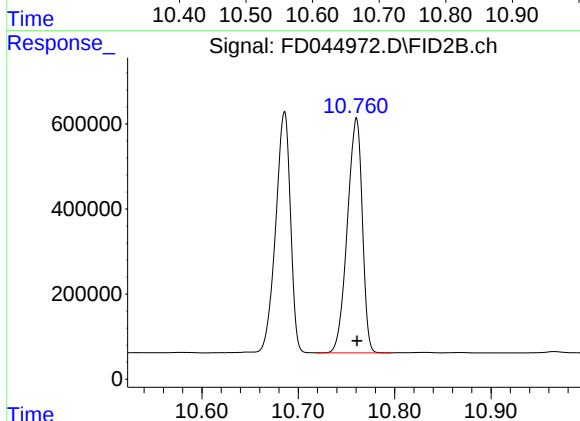
R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 5844935
Conc: 35.61 ug/ml



#9 Phenanthrene (C19.36)

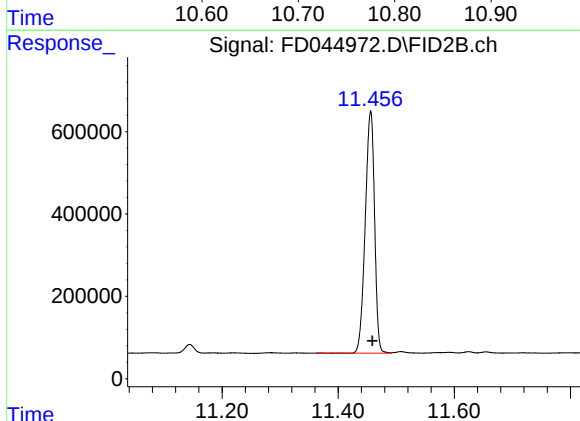
R.T.: 10.685 min
Delta R.T.: -0.002 min
Response: 6082355
Conc: 37.62 ug/ml

Instrument :
FID_D
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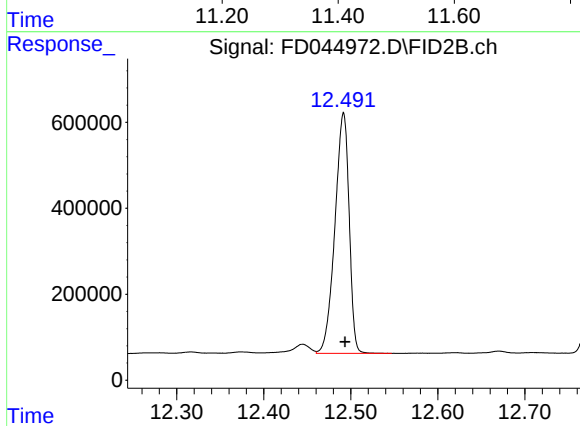
#10 Anthracene (C19.43)

R.T.: 10.760 min
Delta R.T.: 0.000 min
Response: 5926558
Conc: 39.98 ug/ml



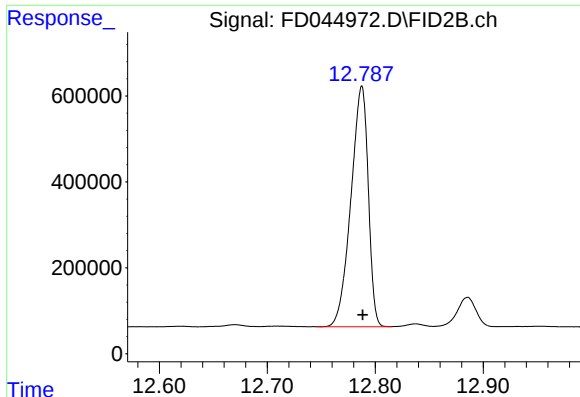
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.003 min
Response: 6535546
Conc: 35.16 ug/ml



#12 Fluoranthene (C21.85)

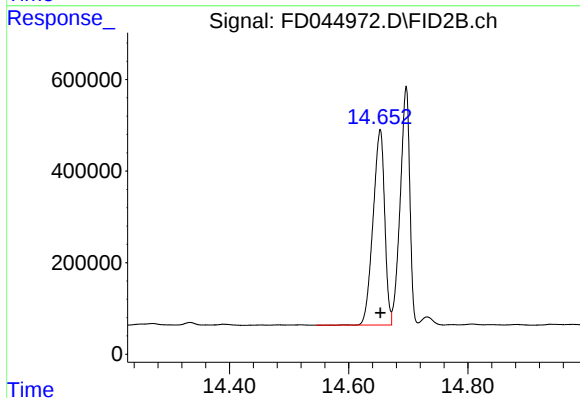
R.T.: 12.491 min
Delta R.T.: -0.002 min
Response: 6354254
Conc: 39.70 ug/ml



#13 Pyrene (C20.8)

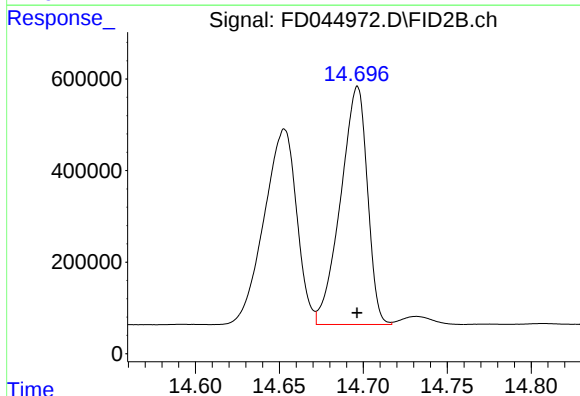
R.T.: 12.787 min
Delta R.T.: -0.001 min
Response: 6257485
Conc: 39.88 ug/ml

Instrument :
FID_D
ClientSampleId :
B-01-SB01MSD



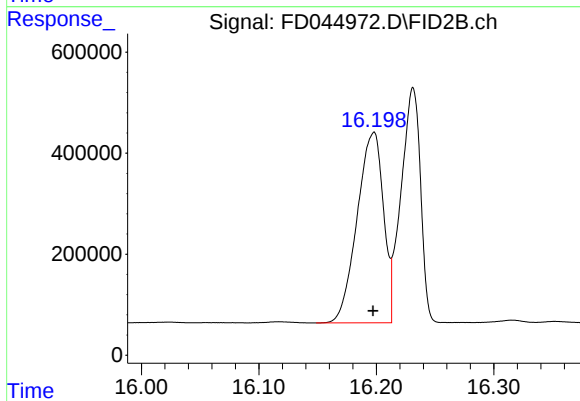
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.653 min
Delta R.T.: 0.000 min
Response: 5782603
Conc: 40.52 ug/ml



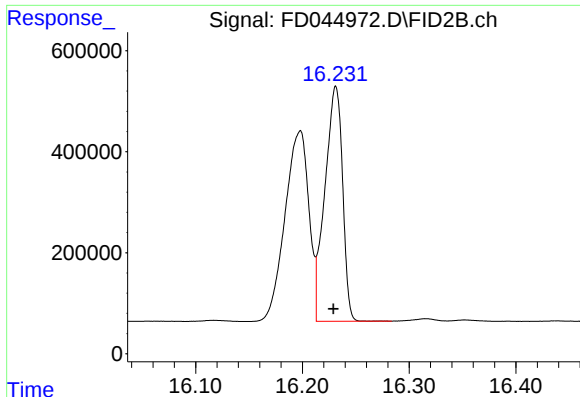
#15 Chrysene (C27.41)

R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 5771772
Conc: 38.98 ug/ml



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

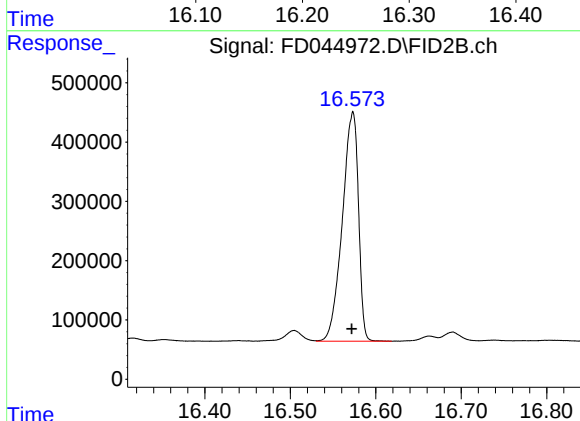
R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 5869492
Conc: 40.46 ug/ml



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

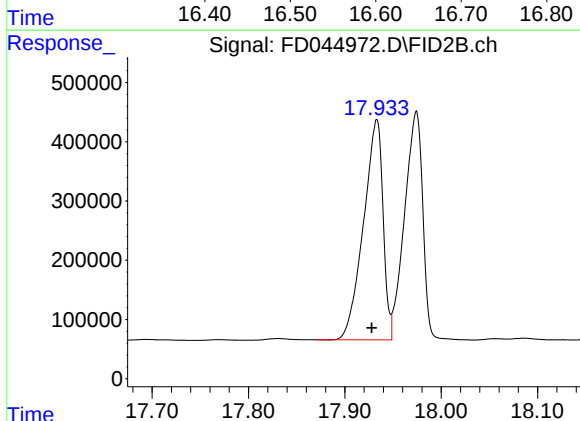
R.T.: 16.231 min
Delta R.T.: 0.002 min
Response: 5361833
Conc: 37.61 ug/ml

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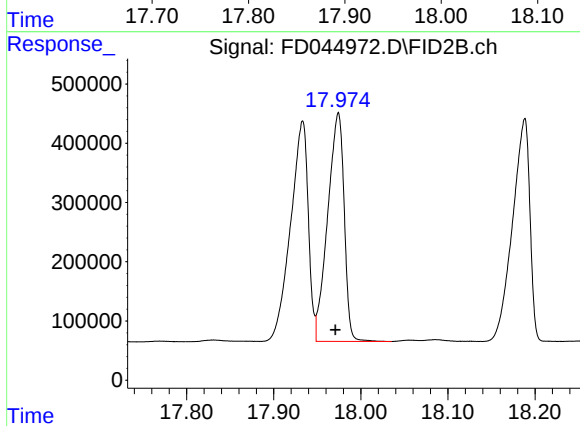
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.573 min
Delta R.T.: 0.000 min
Response: 5074774
Conc: 36.32 ug/ml



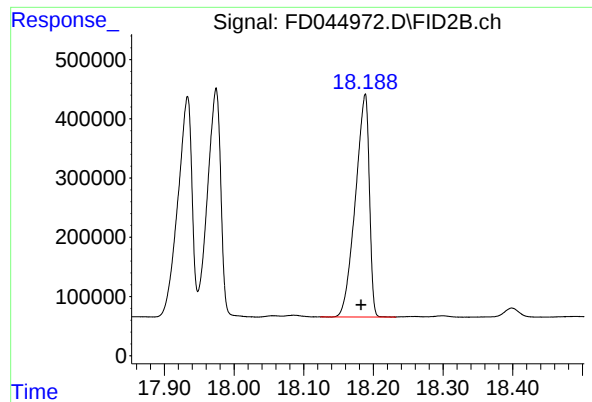
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.933 min
Delta R.T.: 0.005 min
Response: 5254956
Conc: 39.05 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.003 min
Response: 5076176
Conc: 38.31 ug/ml



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

R.T.: 18.187 min
Delta R.T.: 0.005 min
Response: 5209754
Conc: 38.32 ug/ml

Instrument :

FID_D

ClientSampleId :

B-01-SB01MSD