

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072523AR\
 Data File : FD046218.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2023 17:57
 Operator : YP/AJ
 Sample : PB154406BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 26 04:16:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.506	6823285	45.647 ug/ml
Spiked Amount 50.000		Recovery =	91.29%
6) S 2-Fluorobiphenyl (SURR)	8.360	2916335	31.153 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.31%
11) S ortho-Terphenyl (SURR)	11.399	7019634	40.195 ug/ml
Spiked Amount 50.000		Recovery =	80.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.316	4307994	23.645 ug/ml
2) T Naphthalene (C11.7)	5.844	5232158	28.969 ug/ml
3) T 2-Methylnaphthalene (...)	6.894	5702209	32.399 ug/ml
5) T Acenaphthylene (C15.06)	8.165	6536607	42.841 ug/ml
7) T Acenaphthene (C15.5)	8.461	6403334	39.269 ug/ml
8) T Fluorene (C16.55)	9.240	7197043	47.299 ug/ml
9) T Phenanthrene (C19.36)	10.630	6878044	47.765 ug/ml
10) T Anthracene (C19.43)	10.705	6647642	50.796 ug/ml
12) T Fluoranthene (C21.85)	12.434	6661397	47.673 ug/ml
13) T Pyrene (C20.8)	12.729	6555662	47.301 ug/ml
14) T Benzo[a]anthracene (C...	14.594	6451662	49.152 ug/ml
15) T Chrysene (C27.41)	14.638	6355867	45.076 ug/ml
16) T benzo[b]fluoranthene ...	16.138	6613003	48.353 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	6409988	46.764 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	5918373	45.460 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.874	6316797	52.520 ug/ml
20) T Dibenz[a,h]anthracene...	17.914	6041843	47.241 ug/ml
21) T Benzo[g,h,i]perylene ...	18.129	6153277	48.501 ug/ml

(f)=RT Delta > 1/2 Window

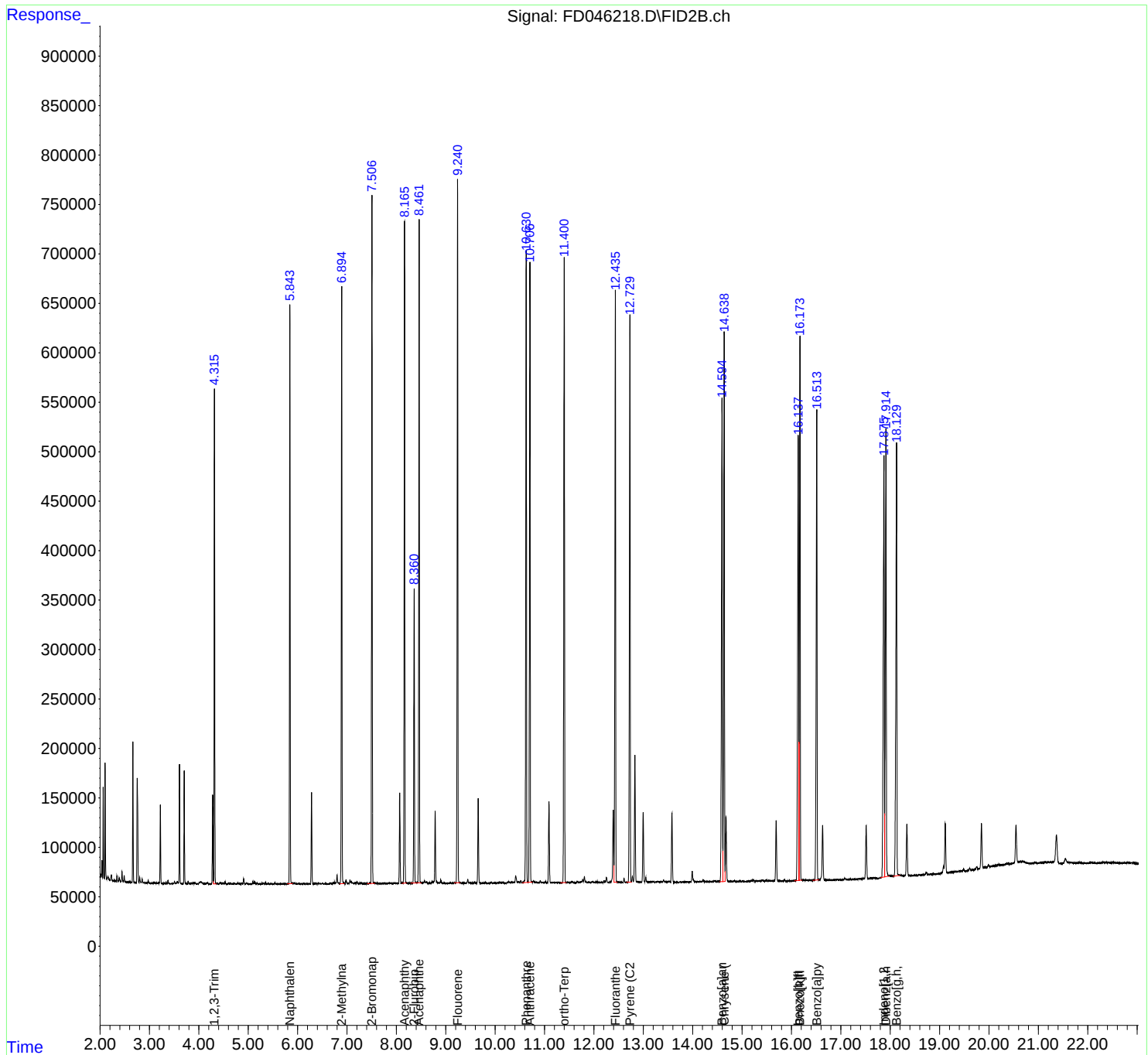
(m)=manual int.

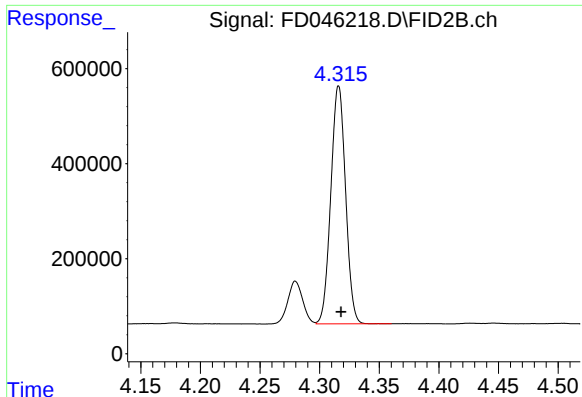
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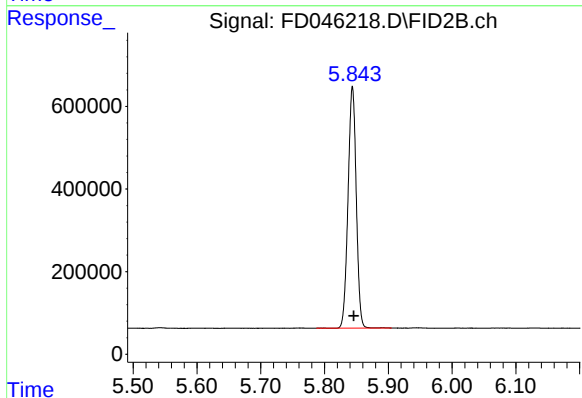




#1 1,2,3-Trimethylbenzene (C10.1)

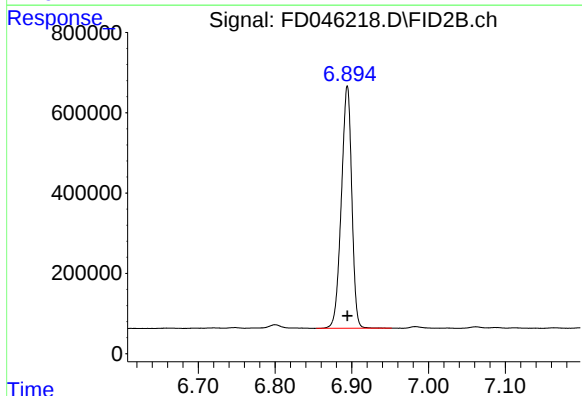
R.T.: 4.316 min
Delta R.T.: -0.002 min
Response: 4307994
Conc: 23.64 ug/ml

Instrument :
FID_D
ClientSampleId :



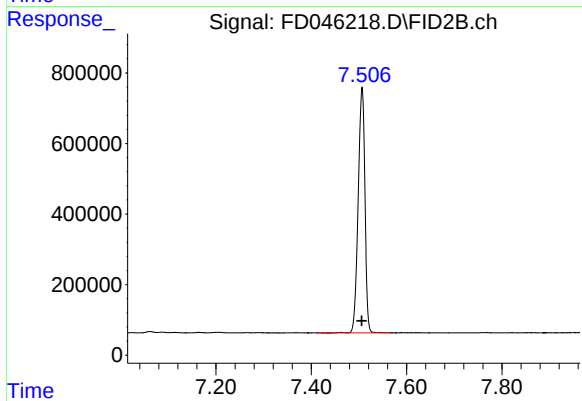
#2 Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 5232158
Conc: 28.97 ug/ml



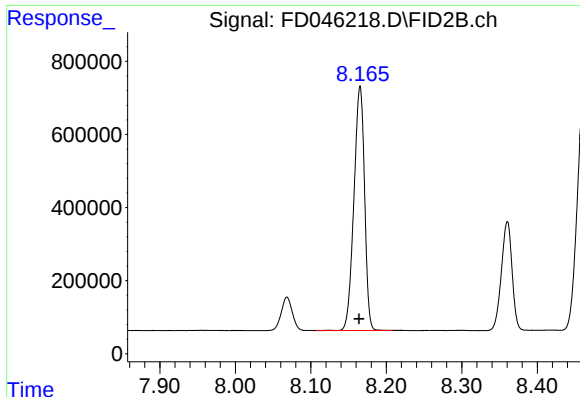
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 5702209
Conc: 32.40 ug/ml



#4 2-Bromonaphthalene (SURR)

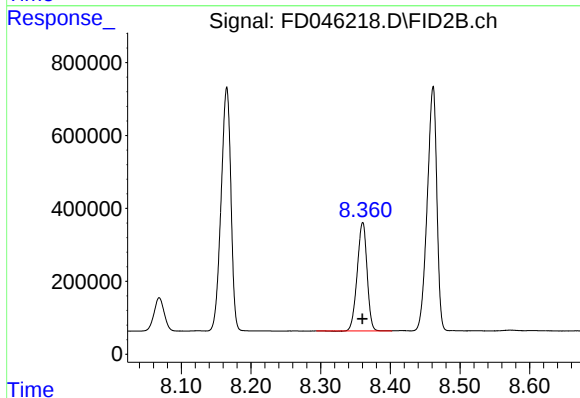
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 6823285
Conc: 45.65 ug/ml



#5 Acenaphthylene (C15.06)

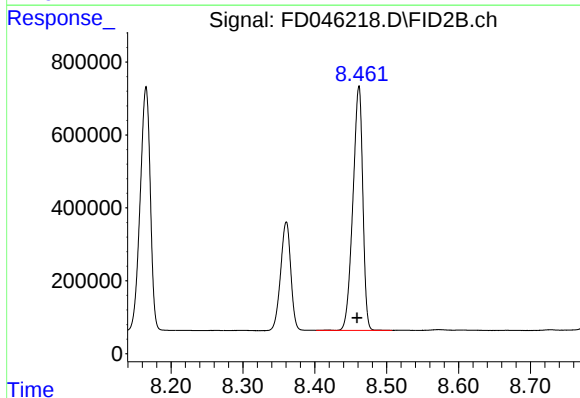
R.T.: 8.165 min
Delta R.T.: 0.001 min
Response: 6536607
Conc: 42.84 ug/ml

Instrument :
FID_D
ClientSampleId :



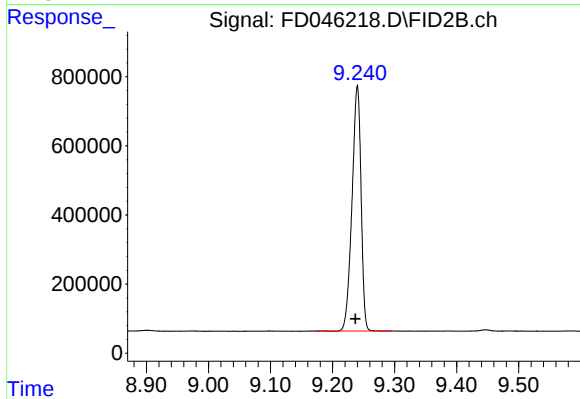
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 2916335
Conc: 31.15 ug/ml



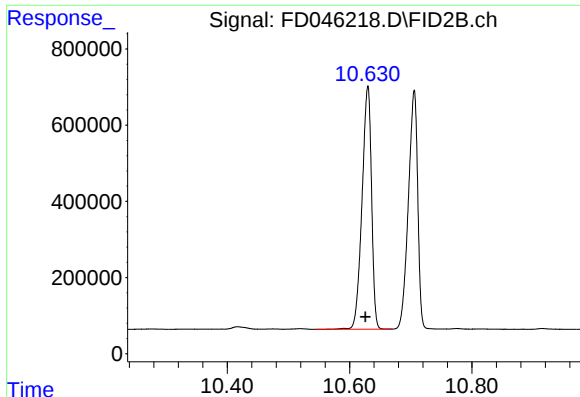
#7 Acenaphthene (C15.5)

R.T.: 8.461 min
Delta R.T.: 0.002 min
Response: 6403334
Conc: 39.27 ug/ml



#8 Flouorene (C16.55)

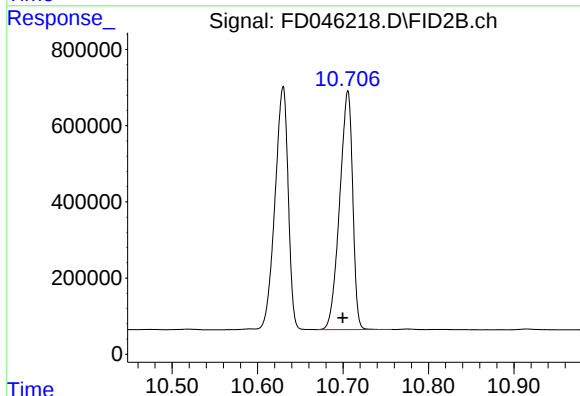
R.T.: 9.240 min
Delta R.T.: 0.003 min
Response: 7197043
Conc: 47.30 ug/ml



#9 Phenanthrene (C19.36)

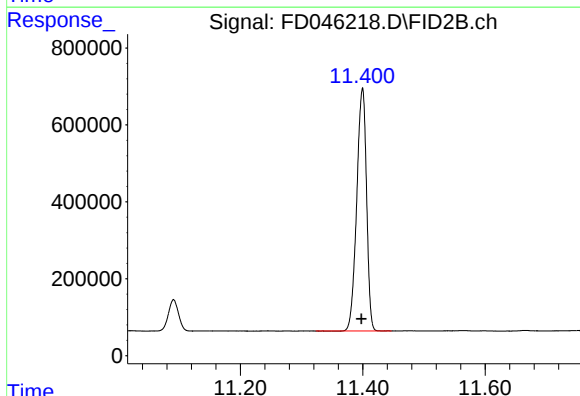
R.T.: 10.630 min
Delta R.T.: 0.004 min
Response: 6878044
Conc: 47.77 ug/ml

Instrument :
FID_D
ClientSampleId :



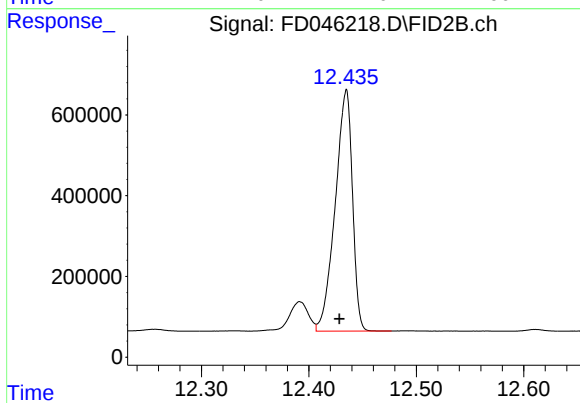
#10 Anthracene (C19.43)

R.T.: 10.705 min
Delta R.T.: 0.006 min
Response: 6647642
Conc: 50.80 ug/ml



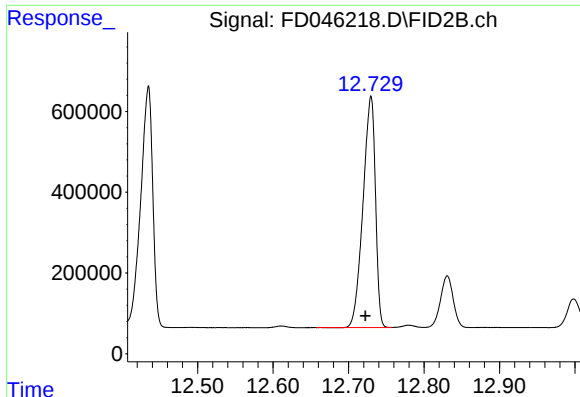
#11 ortho-Terphenyl (SURR)

R.T.: 11.399 min
Delta R.T.: 0.002 min
Response: 7019634
Conc: 40.19 ug/ml



#12 Fluoranthene (C21.85)

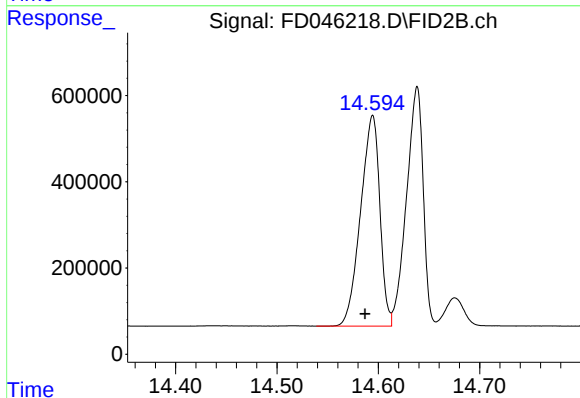
R.T.: 12.434 min
Delta R.T.: 0.006 min
Response: 6661397
Conc: 47.67 ug/ml



#13 Pyrene (C20.8)

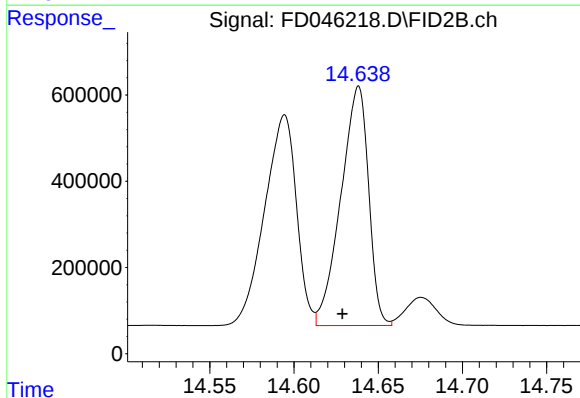
R.T.: 12.729 min
Delta R.T.: 0.007 min
Response: 6555662
Conc: 47.30 ug/ml

Instrument :
FID_D
ClientSampleId :



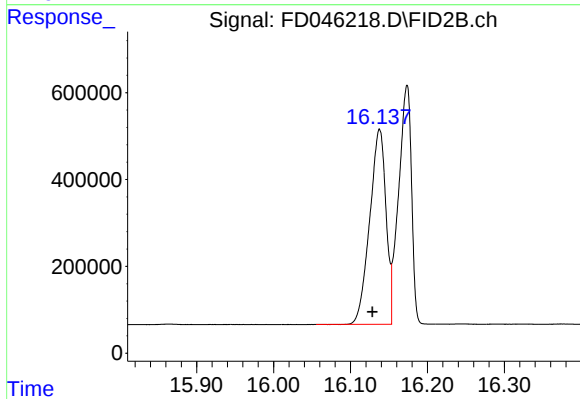
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.594 min
Delta R.T.: 0.007 min
Response: 6451662
Conc: 49.15 ug/ml



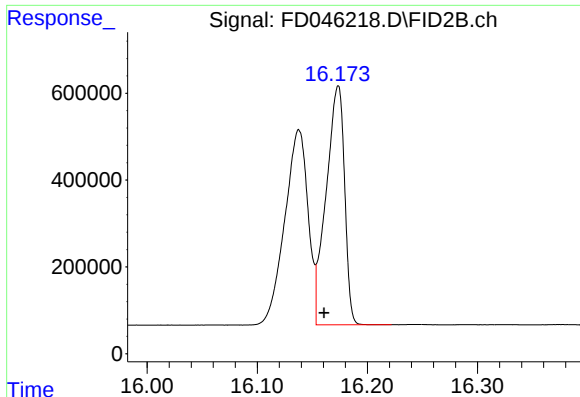
#15 Chrysene (C27.41)

R.T.: 14.638 min
Delta R.T.: 0.009 min
Response: 6355867
Conc: 45.08 ug/ml



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

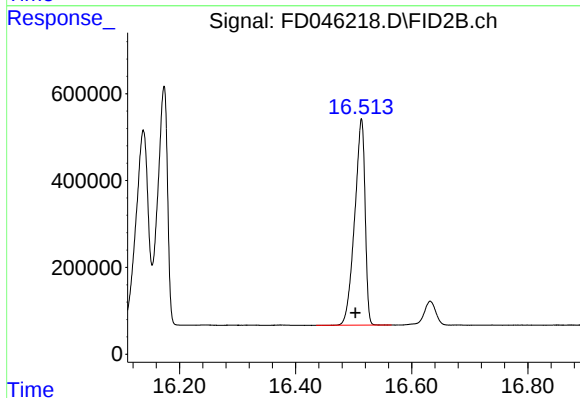
R.T.: 16.138 min
Delta R.T.: 0.009 min
Response: 6613003
Conc: 48.35 ug/ml



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

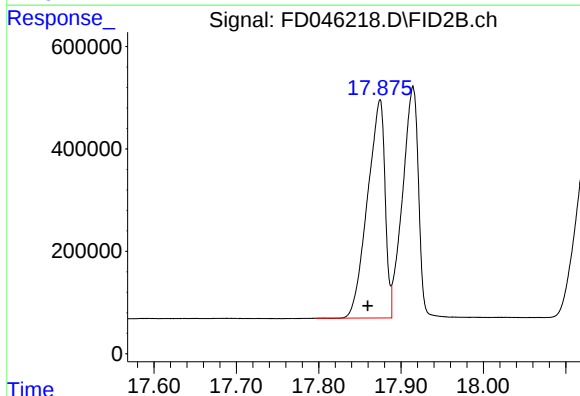
R.T.: 16.173 min
Delta R.T.: 0.012 min
Response: 6409988
Conc: 46.76 ug/ml

Instrument :
FID_D
ClientSampleId :



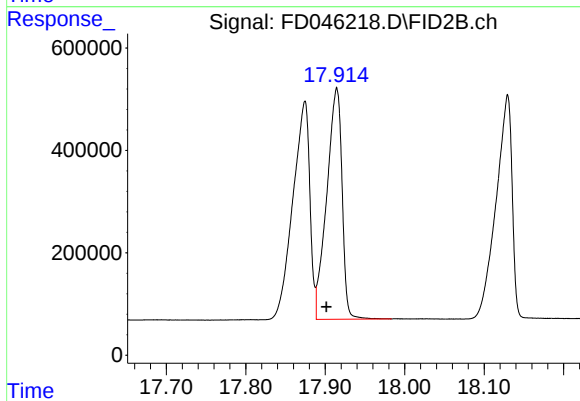
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: 0.010 min
Response: 5918373
Conc: 45.46 ug/ml



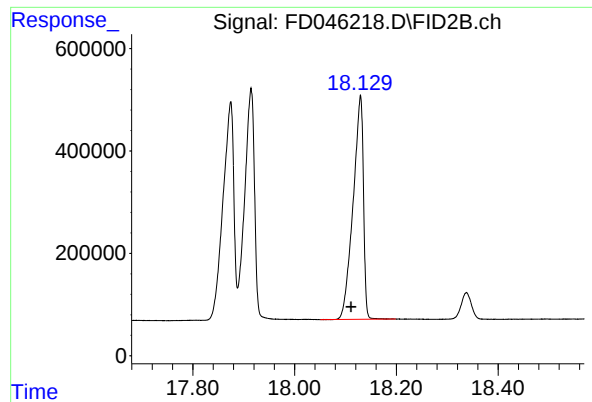
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.874 min
Delta R.T.: 0.014 min
Response: 6316797
Conc: 52.52 ug/ml



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

R.T.: 17.914 min
Delta R.T.: 0.012 min
Response: 6041843
Conc: 47.24 ug/ml



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

R.T.: 18.129 min
Delta R.T.: 0.017 min
Response: 6153277
Conc: 48.50 ug/ml

Instrument :

FID_D

ClientSampleId :