

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072523AR\
 Data File : FD046217.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2023 17:11
 Operator : YP/AJ
 Sample : PB154406BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 26 04:15:24 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	6911063	46.234 ug/ml
Spiked Amount 50.000		Recovery =	92.47%
6) S 2-Fluorobiphenyl (SURR)	8.360	2962439	31.646 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	63.29%
11) S ortho-Terphenyl (SURR)	11.399	7085101	40.570 ug/ml
Spiked Amount 50.000		Recovery =	81.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.316	4383310	24.058 ug/ml
2) T Naphthalene (C11.7)	5.844	5310494	29.402 ug/ml
3) T 2-Methylnaphthalene (...)	6.894	5777338	32.825 ug/ml
5) T Acenaphthylene (C15.06)	8.165	6615857	43.361 ug/ml
7) T Acenaphthene (C15.5)	8.461	6488378	39.791 ug/ml
8) T Flouorene (C16.55)	9.240	7273457	47.801 ug/ml
9) T Phenanthrene (C19.36)	10.630	6932539	48.144 ug/ml
10) T Anthracene (C19.43)	10.705	6697846	51.179 ug/ml
12) T Fluoranthene (C21.85)	12.434	6712497	48.038 ug/ml
13) T Pyrene (C20.8)	12.730	6597382	47.602 ug/ml
14) T Benzo[a]anthracene (C...	14.594	6476035	49.337 ug/ml
15) T Chrysene (C27.41)	14.638	6380683	45.252 ug/ml
16) T benzo[b]fluoranthene ...	16.138	6645305	48.590 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	6442936	47.005 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	5938958	45.618 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.874	6343883	52.745 ug/ml
20) T Dibenz[a,h]anthracene...	17.914	6010814	46.998 ug/ml
21) T Benzo[g,h,i]perylene ...	18.128	6159299	48.549 ug/ml

(f)=RT Delta > 1/2 Window

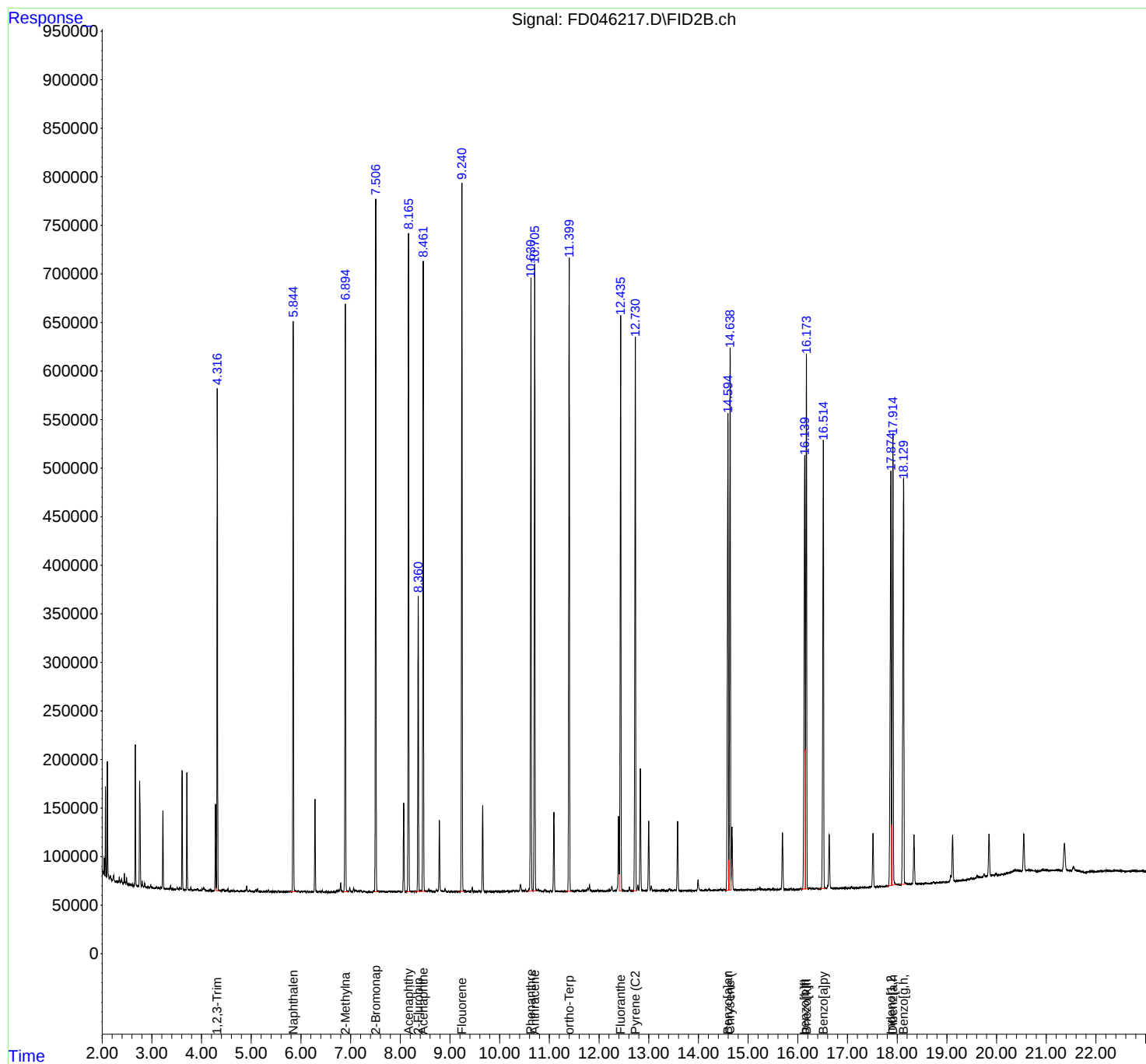
(m)=manual int.

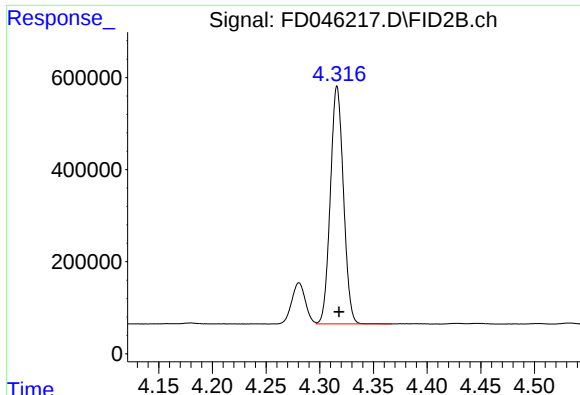
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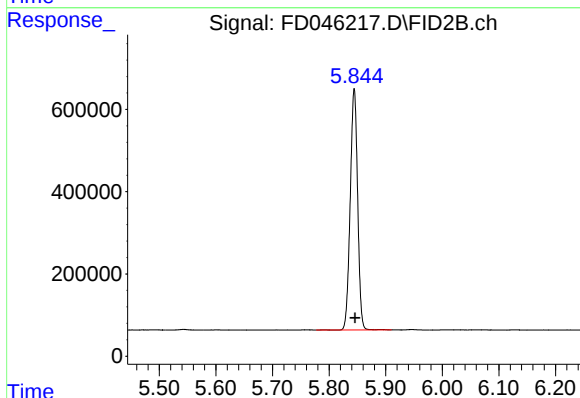




#1 1,2,3-Trimethylbenzene (C10.1)

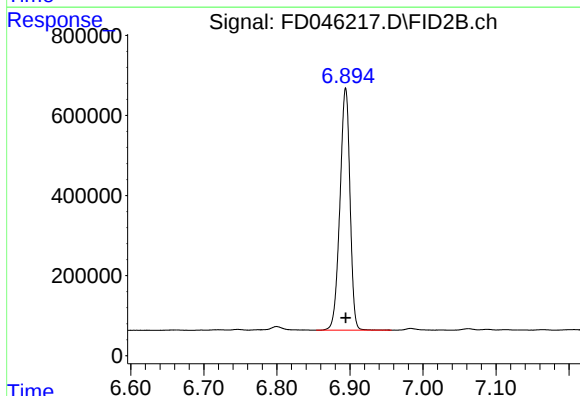
R.T.: 4.316 min
Delta R.T.: -0.002 min
Response: 4383310
Conc: 24.06 ug/ml

Instrument :
FID_D
ClientSampleId :



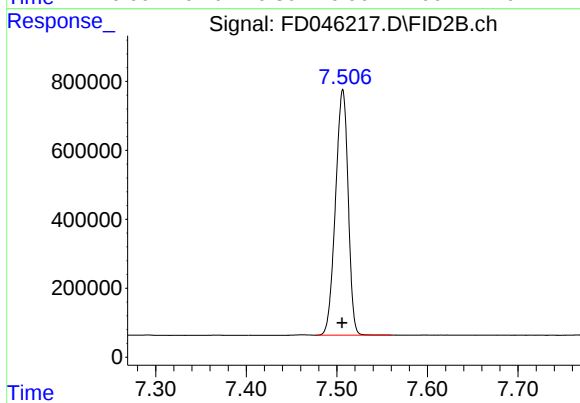
#2 Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.001 min
Response: 5310494
Conc: 29.40 ug/ml



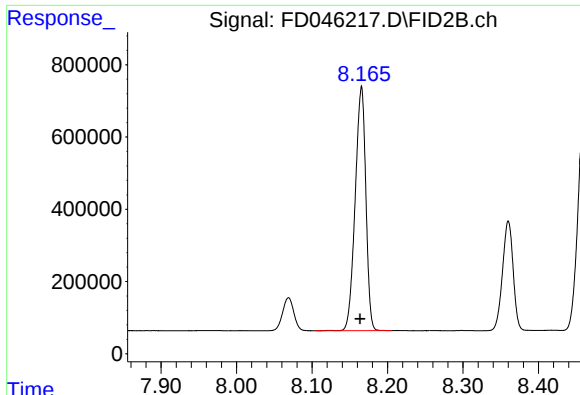
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 5777338
Conc: 32.83 ug/ml



#4 2-Bromonaphthalene (SURR)

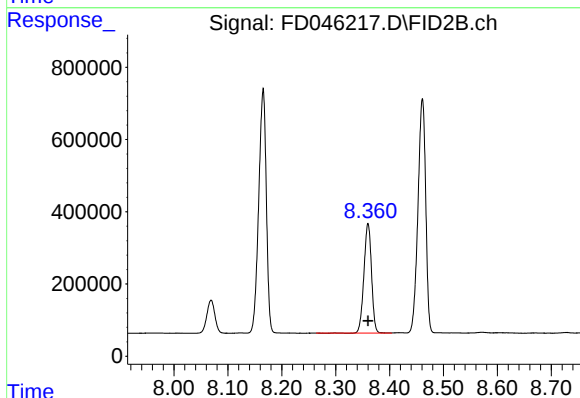
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 6911063
Conc: 46.23 ug/ml



#5 Acenaphthylene (C15.06)

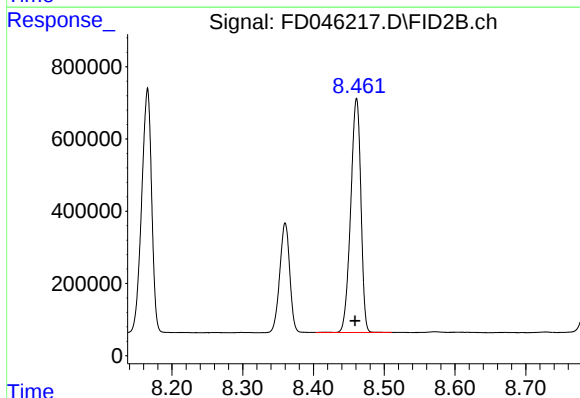
R.T.: 8.165 min
Delta R.T.: 0.001 min
Response: 6615857
Conc: 43.36 ug/ml

Instrument :
FID_D
ClientSampleId :



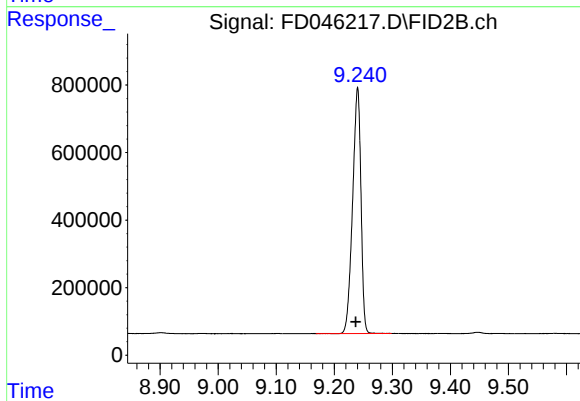
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 2962439
Conc: 31.65 ug/ml



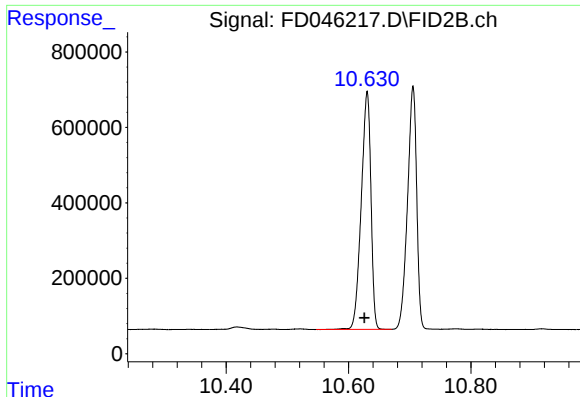
#7 Acenaphthene (C15.5)

R.T.: 8.461 min
Delta R.T.: 0.002 min
Response: 6488378
Conc: 39.79 ug/ml



#8 Flouorene (C16.55)

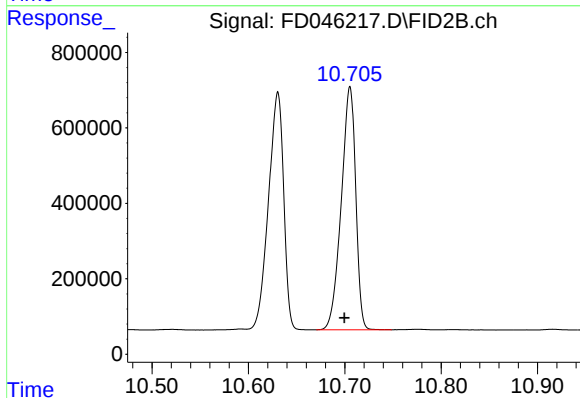
R.T.: 9.240 min
Delta R.T.: 0.003 min
Response: 7273457
Conc: 47.80 ug/ml



#9 Phenanthrene (C19.36)

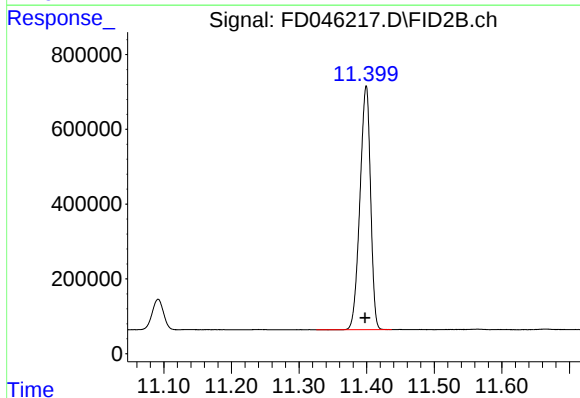
R.T.: 10.630 min
Delta R.T.: 0.004 min
Response: 6932539
Conc: 48.14 ug/ml

Instrument :
FID_D
ClientSampleId :



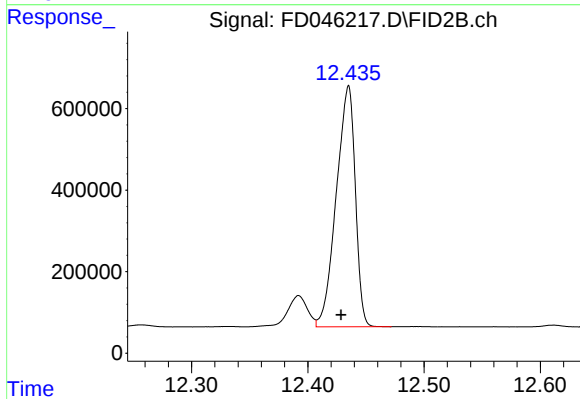
#10 Anthracene (C19.43)

R.T.: 10.705 min
Delta R.T.: 0.006 min
Response: 6697846
Conc: 51.18 ug/ml



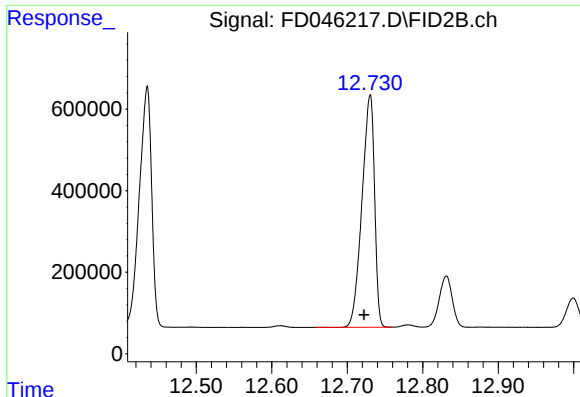
#11 ortho-Terphenyl (SURR)

R.T.: 11.399 min
Delta R.T.: 0.001 min
Response: 7085101
Conc: 40.57 ug/ml



#12 Fluoranthene (C21.85)

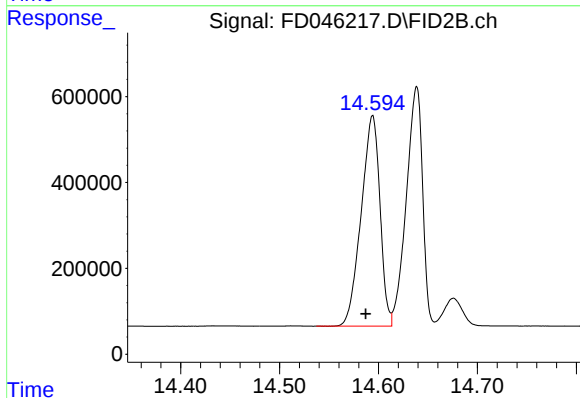
R.T.: 12.434 min
Delta R.T.: 0.006 min
Response: 6712497
Conc: 48.04 ug/ml



#13 Pyrene (C20.8)

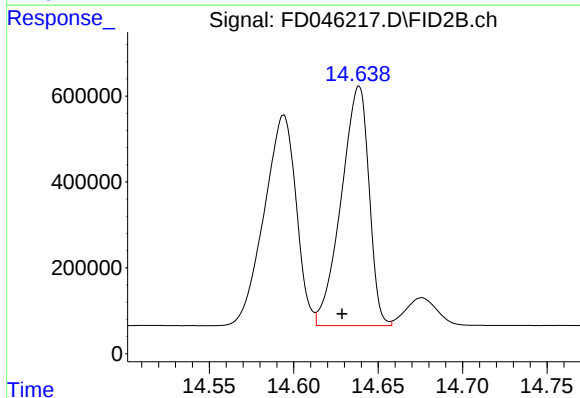
R.T.: 12.730 min
Delta R.T.: 0.007 min
Response: 6597382
Conc: 47.60 ug/ml

Instrument :
FID_D
ClientSampleId :



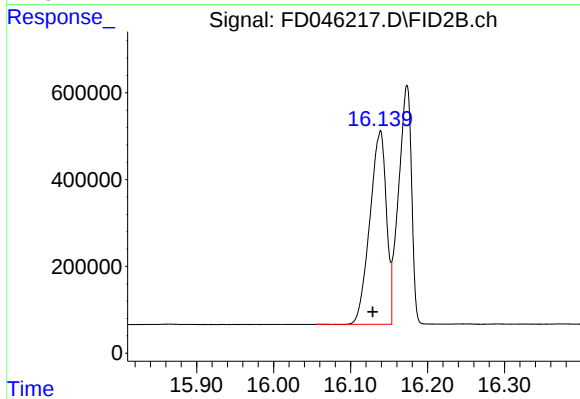
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.594 min
Delta R.T.: 0.007 min
Response: 6476035
Conc: 49.34 ug/ml



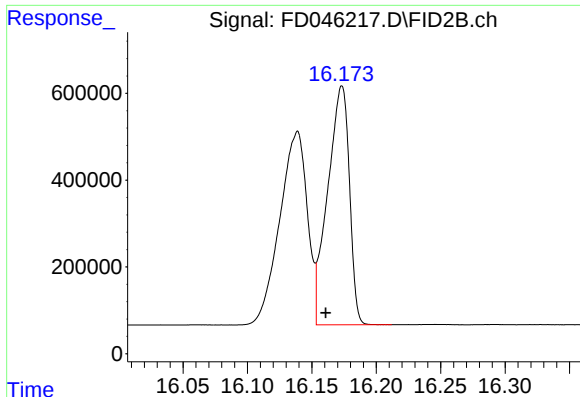
#15 Chrysene (C27.41)

R.T.: 14.638 min
Delta R.T.: 0.009 min
Response: 6380683
Conc: 45.25 ug/ml



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

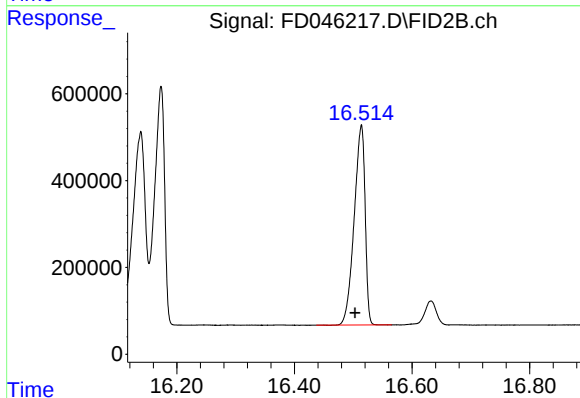
R.T.: 16.138 min
Delta R.T.: 0.010 min
Response: 6645305
Conc: 48.59 ug/ml



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

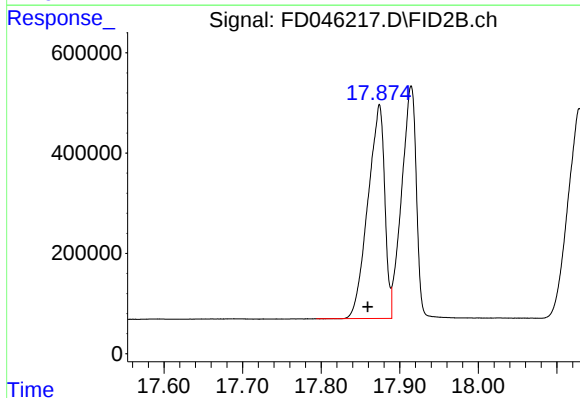
R.T.: 16.173 min
Delta R.T.: 0.012 min
Response: 6442936
Conc: 47.00 ug/ml

Instrument :
FID_D
ClientSampleId :



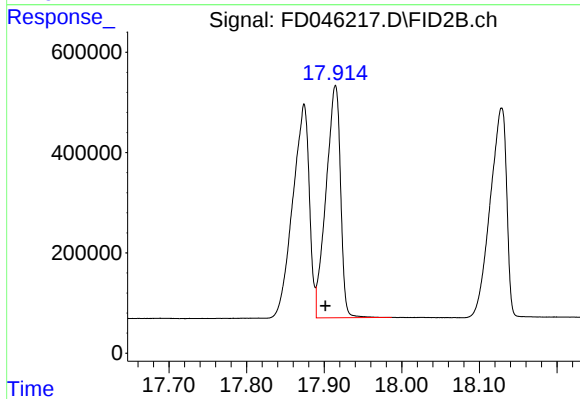
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: 0.010 min
Response: 5938958
Conc: 45.62 ug/ml



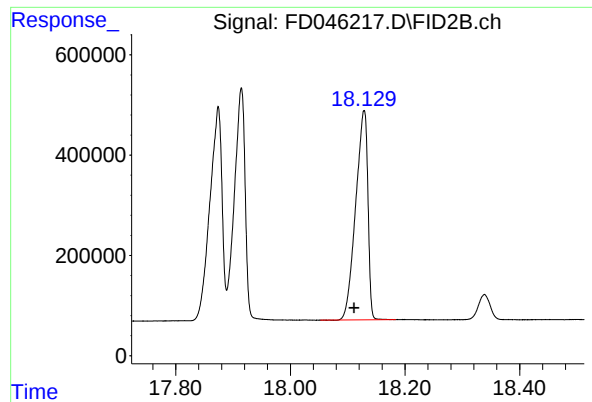
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.874 min
Delta R.T.: 0.014 min
Response: 6343883
Conc: 52.75 ug/ml



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

R.T.: 17.914 min
Delta R.T.: 0.013 min
Response: 6010814
Conc: 47.00 ug/ml



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

R.T.: 18.128 min
Delta R.T.: 0.017 min
Response: 6159299
Conc: 48.55 ug/ml

Instrument :

FID_D

ClientSampleId :