

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101323AR\
 Data File : FD046744.D
 Signal(s) : FID2B.ch
 Acq On : 13 Oct 2023 19:07
 Operator : YP/AJ
 Sample : PB156363BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 14 03:00:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 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...	7.489	7780382	41.913 ug/ml
Spiked Amount 50.000		Recovery =	83.83%
6) S 2-Fluorobiphenyl (SURR)	8.343	4276515	35.295 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.59%
11) S ortho-Terphenyl (SURR)	11.382	8642749	39.947 ug/ml
Spiked Amount 50.000		Recovery =	79.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.302	4846233	24.957 ug/ml
2) T Naphthalene (C11.7)	5.827	5549589	27.432 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	5789338	28.343 ug/ml
5) T Acenaphthylene (C15.06)	8.146	6260285	33.914 ug/ml
7) T Acenaphthene (C15.5)	8.442	6357627	31.981 ug/ml
8) T Flouorene (C16.55)	9.221	6817026	35.813 ug/ml
9) T Phenanthrene (C19.36)	10.610	7038761	38.187 ug/ml
10) T Anthracene (C19.43)	10.685	6930908	53.015 ug/ml
12) T Fluoranthene (C21.85)	12.414	7228141	39.673 ug/ml
13) T Pyrene (C20.8)	12.709	7204849	41.085 ug/ml
14) T Benzo[a]anthracene (C...	14.573	6600714	45.073 ug/ml
15) T Chrysene (C27.41)	14.616	6588945	40.953 ug/ml
16) T benzo[b]fluoranthene ...	16.116	6397296	42.813 ug/ml
17) T Bnezo[k]fluoranthene ...	16.151	6279186	41.741 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.491	5756165	40.703 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.850	5890881	43.452 ug/ml
20) T Dibenz[a,h]anthracene...	17.890	5554715	39.313 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	5682117	40.393 ug/ml

(f)=RT Delta > 1/2 Window

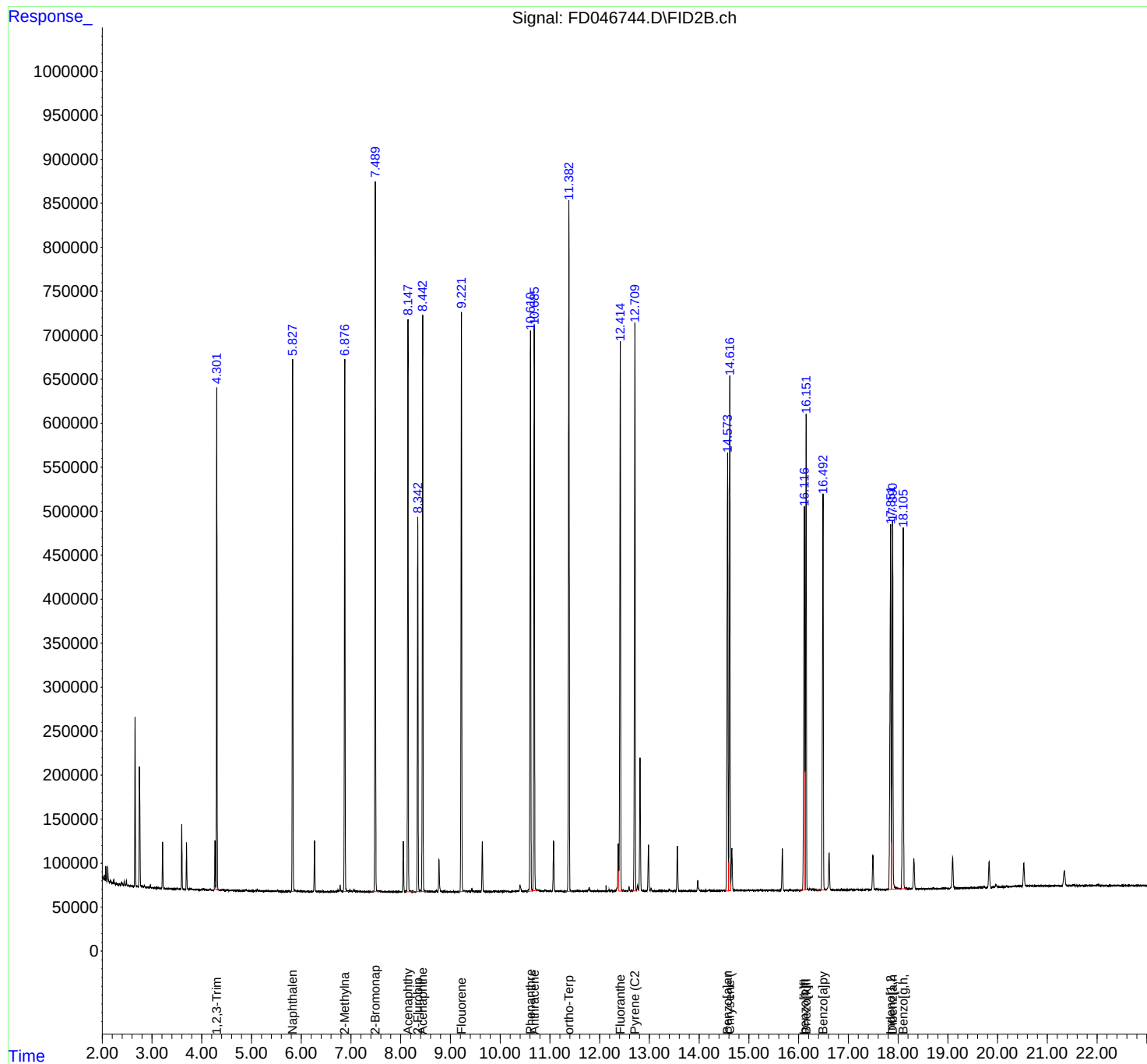
(m)=manual int.

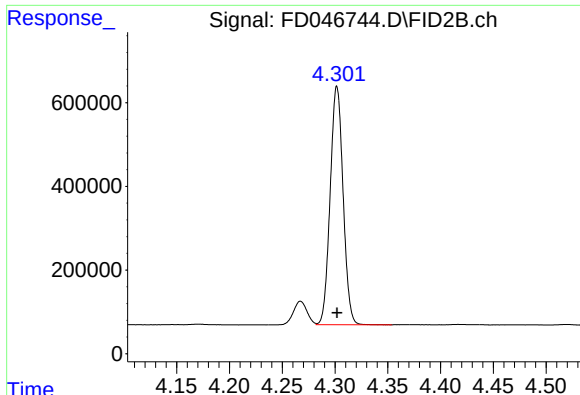
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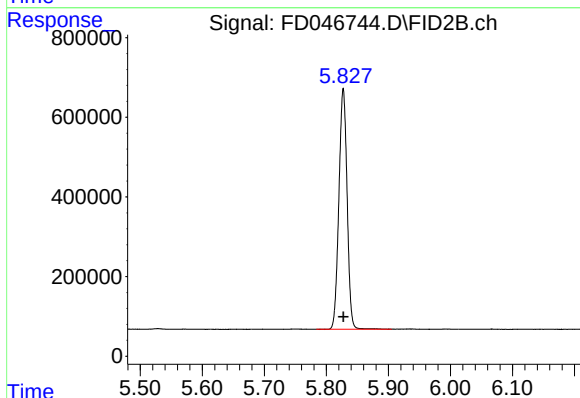




#1 1,2,3-Trimethylbenzene (C10.1)

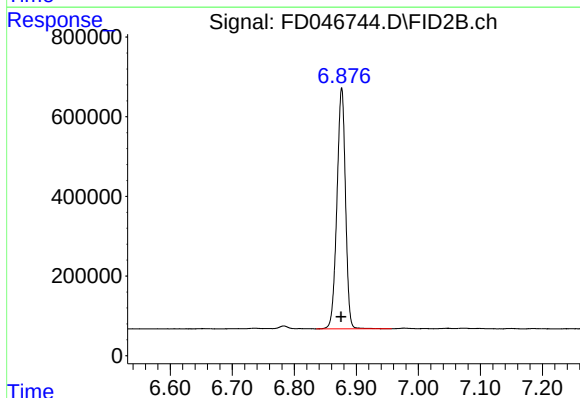
R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 4846233
Conc: 24.96 ug/ml

Instrument :
FID_D
ClientSampleId :



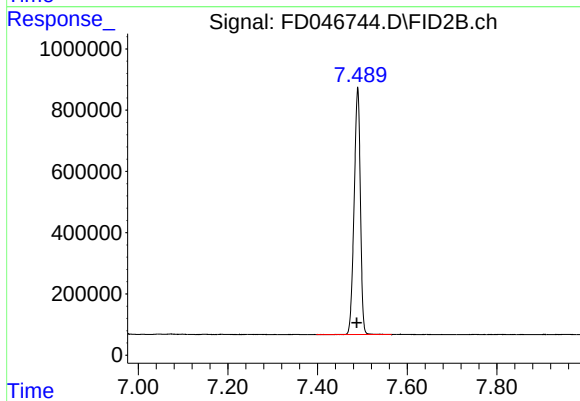
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 5549589
Conc: 27.43 ug/ml



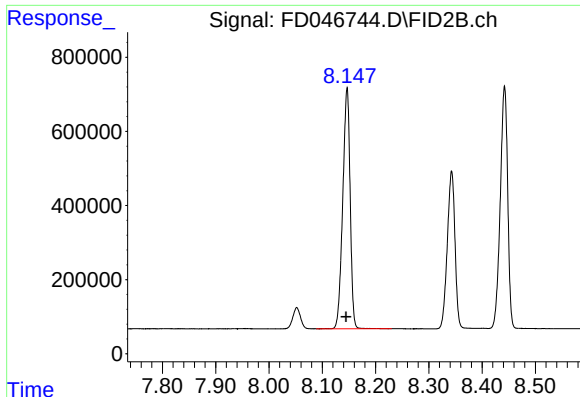
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 5789338
Conc: 28.34 ug/ml



#4 2-Bromonaphthalene (SURR)

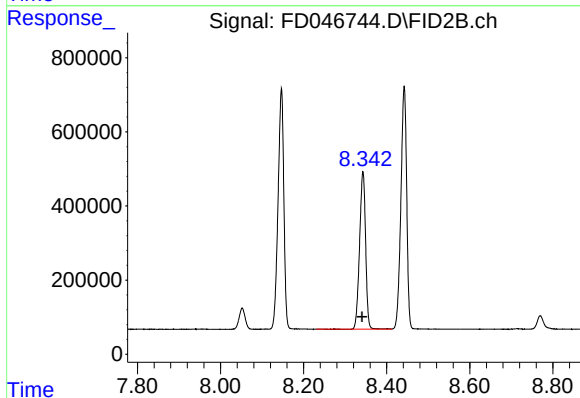
R.T.: 7.489 min
Delta R.T.: 0.002 min
Response: 7780382
Conc: 41.91 ug/ml



#5 Acenaphthylene (C15.06)

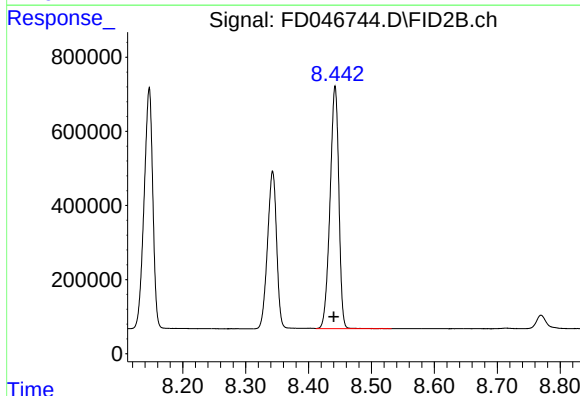
R.T.: 8.146 min
Delta R.T.: 0.002 min
Response: 6260285
Conc: 33.91 ug/ml

Instrument :
FID_D
ClientSampleId :



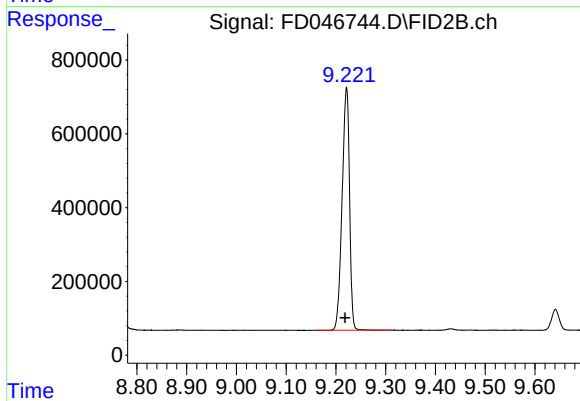
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: 0.002 min
Response: 4276515
Conc: 35.30 ug/ml



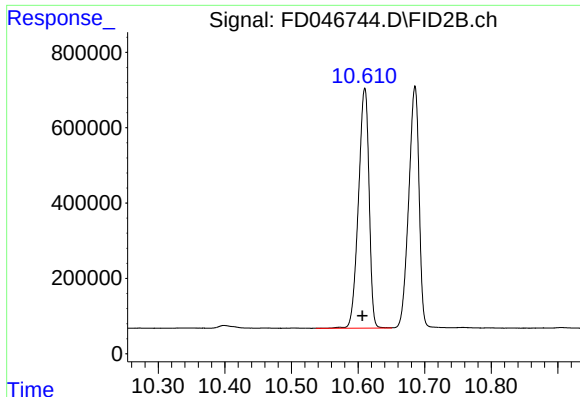
#7 Acenaphthene (C15.5)

R.T.: 8.442 min
Delta R.T.: 0.002 min
Response: 6357627
Conc: 31.98 ug/ml



#8 Fluorene (C16.55)

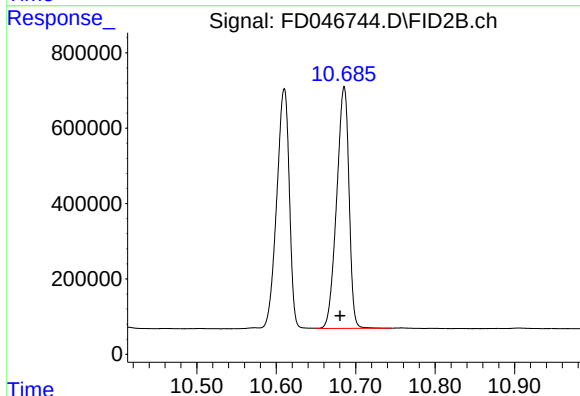
R.T.: 9.221 min
Delta R.T.: 0.003 min
Response: 6817026
Conc: 35.81 ug/ml



#9 Phenanthrene (C19.36)

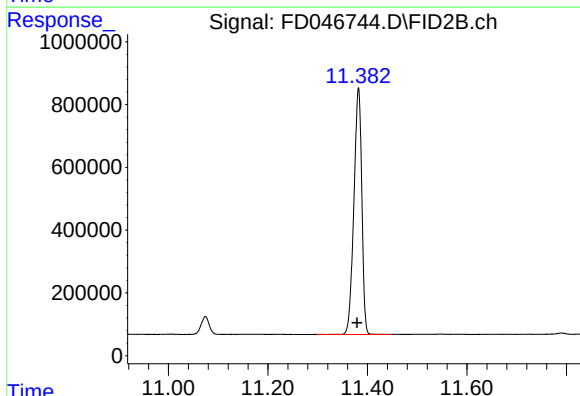
R.T.: 10.610 min
Delta R.T.: 0.003 min
Response: 7038761
Conc: 38.19 ug/ml

Instrument :
FID_D
ClientSampleId :



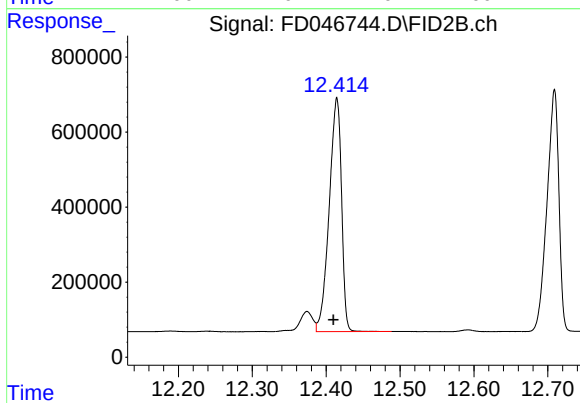
#10 Anthracene (C19.43)

R.T.: 10.685 min
Delta R.T.: 0.005 min
Response: 6930908
Conc: 53.01 ug/ml



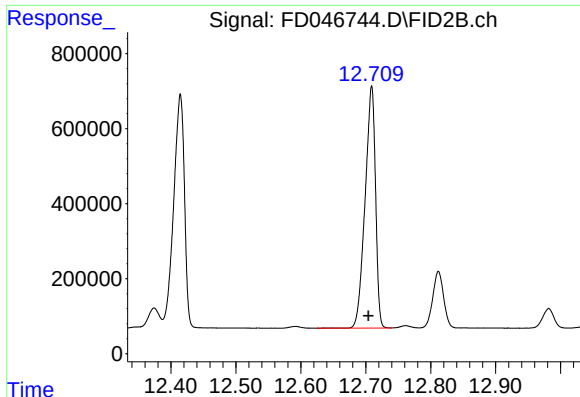
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: 0.003 min
Response: 8642749
Conc: 39.95 ug/ml



#12 Fluoranthene (C21.85)

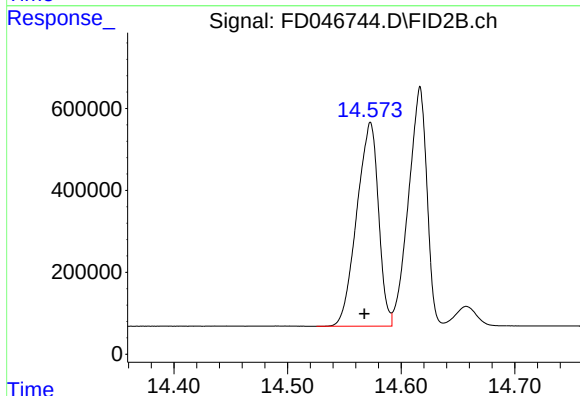
R.T.: 12.414 min
Delta R.T.: 0.004 min
Response: 7228141
Conc: 39.67 ug/ml



#13 Pyrene (C20.8)

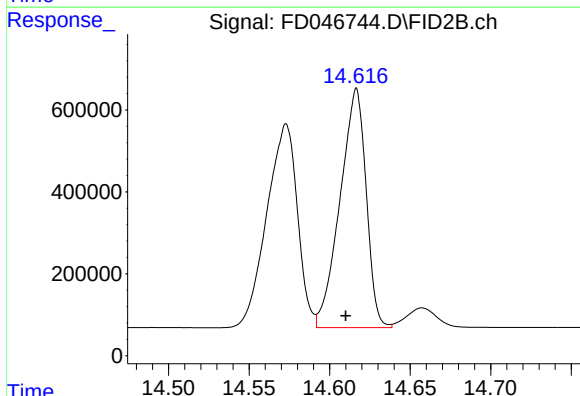
R.T.: 12.709 min
Delta R.T.: 0.005 min
Response: 7204849
Conc: 41.09 ug/ml

Instrument :
FID_D
ClientSampleId :



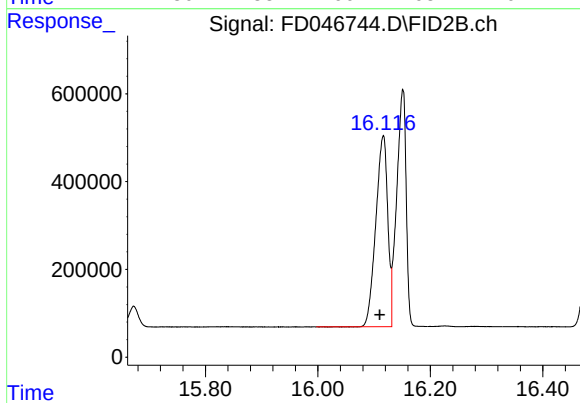
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.573 min
Delta R.T.: 0.005 min
Response: 6600714
Conc: 45.07 ug/ml



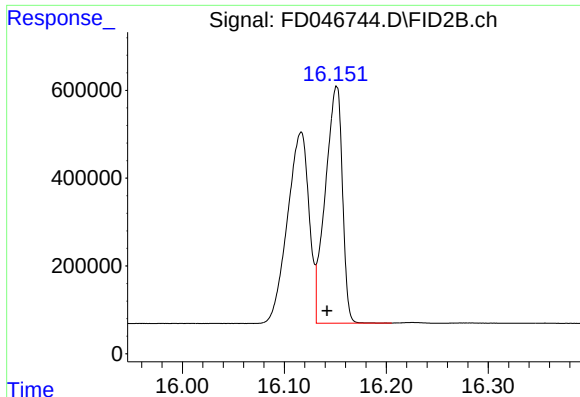
#15 Chrysene (C27.41)

R.T.: 14.616 min
Delta R.T.: 0.006 min
Response: 6588945
Conc: 40.95 ug/ml



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

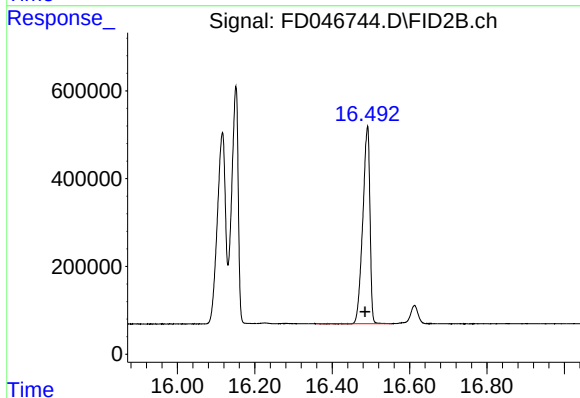
R.T.: 16.116 min
Delta R.T.: 0.006 min
Response: 6397296
Conc: 42.81 ug/ml



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

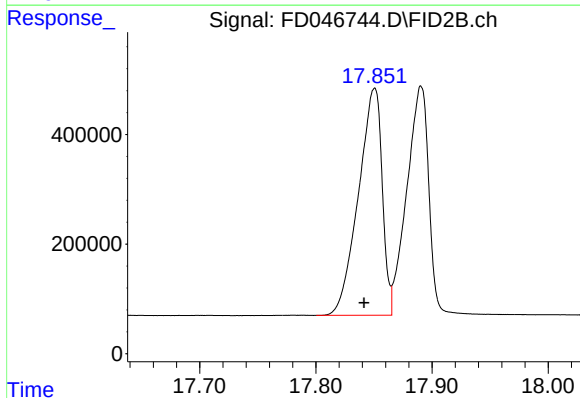
R.T.: 16.151 min
Delta R.T.: 0.009 min
Response: 6279186
Conc: 41.74 ug/ml

Instrument :
FID_D
ClientSampleId :



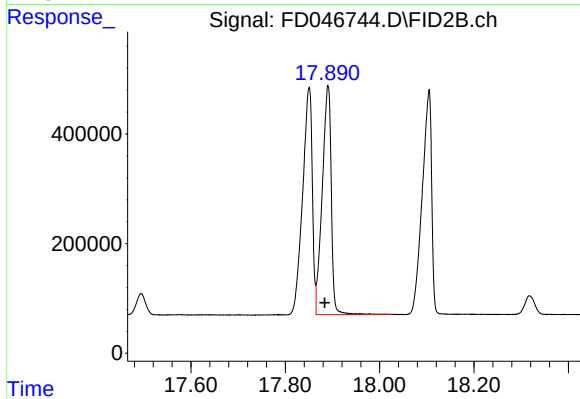
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.491 min
Delta R.T.: 0.006 min
Response: 5756165
Conc: 40.70 ug/ml



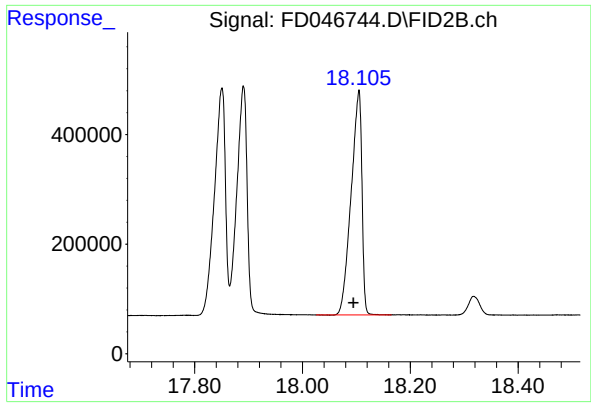
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.850 min
Delta R.T.: 0.008 min
Response: 5890881
Conc: 43.45 ug/ml



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

R.T.: 17.890 min
Delta R.T.: 0.007 min
Response: 5554715
Conc: 39.31 ug/ml



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

R.T.: 18.104 min
Delta R.T.: 0.010 min
Response: 5682117
Conc: 40.39 ug/ml

Instrument :

FID_D

ClientSampleId :