

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091924AR\
 Data File : FD048343.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 02:19
 Operator : YP/AJ
 Sample : P4104-03
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 05:22:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 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...	7.387	7751231	51.109 ug/ml
Spiked Amount 50.000		Recovery =	102.22%
6) S 2-Fluorobiphenyl (SURR)	8.237	5043361	52.783 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.57%
11) S ortho-Terphenyl (SURR)	11.274	5114485	29.810 ug/ml
Spiked Amount 50.000		Recovery =	59.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.212	22795	0.129 ug/ml
2) T Naphthalene (C11.7)	5.732	131655	0.728 ug/ml
3) T 2-Methylnaphthalene (...)	6.779	224259	1.253 ug/ml
5) T Acenaphthylene (C15.06)	8.040	287244	1.644 ug/ml
7) T Acenaphthene (C15.5)	8.333	264551	1.487 ug/ml
8) T Flouorene (C16.55)	9.113	350263	2.092 ug/ml
9) T Phenanthrene (C19.36)	10.498	1782030	11.038 ug/ml
10) T Anthracene (C19.43)	10.575	543394	3.415 ug/ml
12) T Fluoranthene (C21.85)	12.302	2213936	13.657 ug/ml
13) T Pyrene (C20.8)	12.595	1871200	11.670 ug/ml
14) T Benzo[a]anthracene (C...	14.463	741326	5.292 ug/ml
15) T Chrysene (C27.41)	14.503	875199	5.313 ug/ml
16) T benzo[b]fluoranthene ...	16.012	925003	6.226 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	343378	2.230 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	712400	4.815 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	625636	5.537 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	162222	1.063 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	462227	3.136 ug/ml

(f)=RT Delta > 1/2 Window

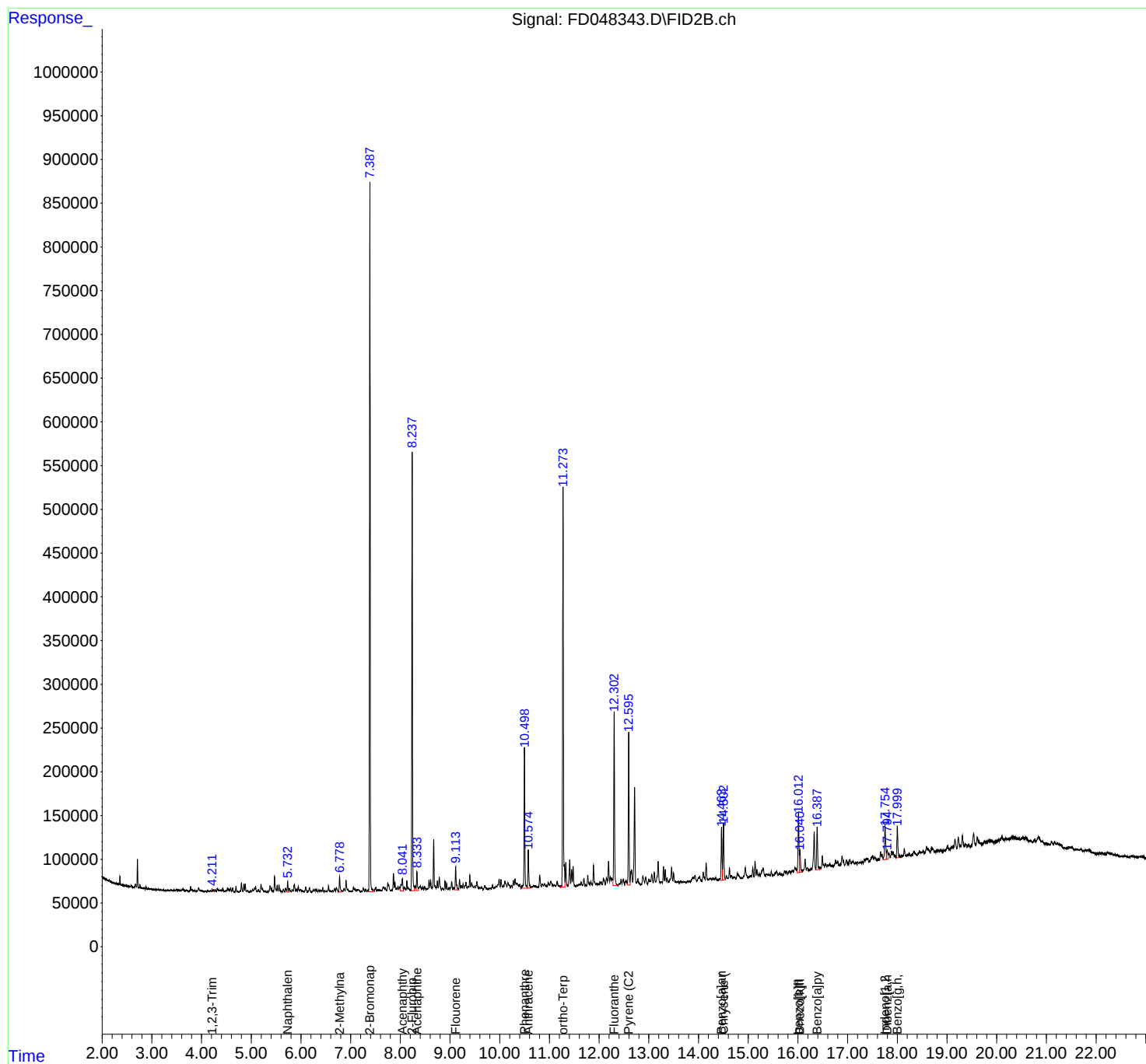
(m)=manual int.

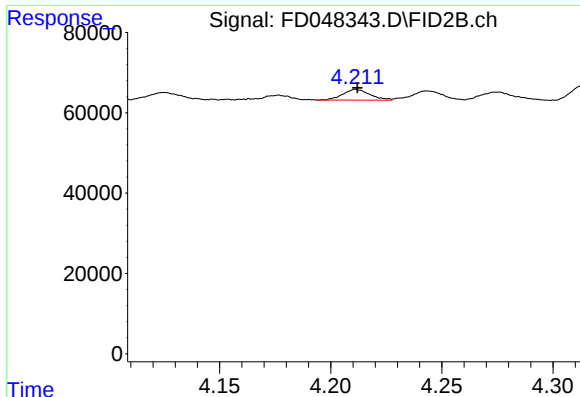
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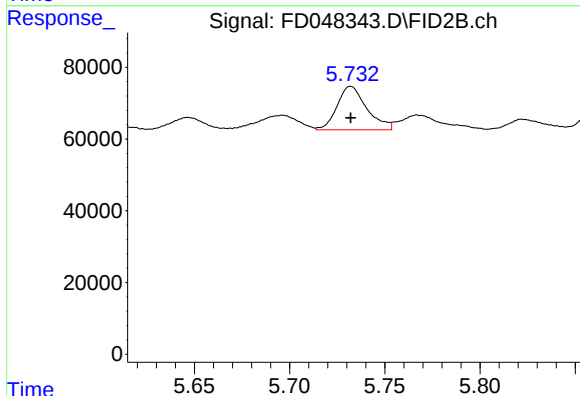




#1 1,2,3-Trimethylbenzene (C10.1)

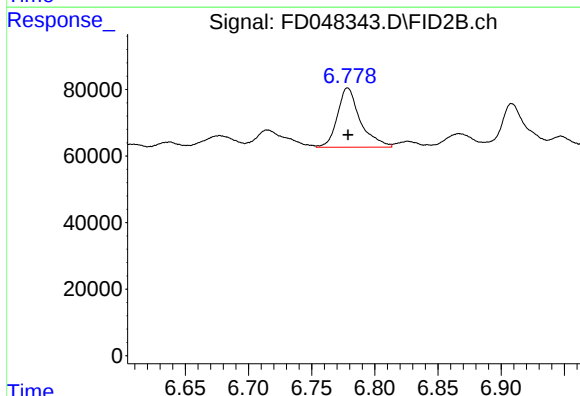
R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 22795
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



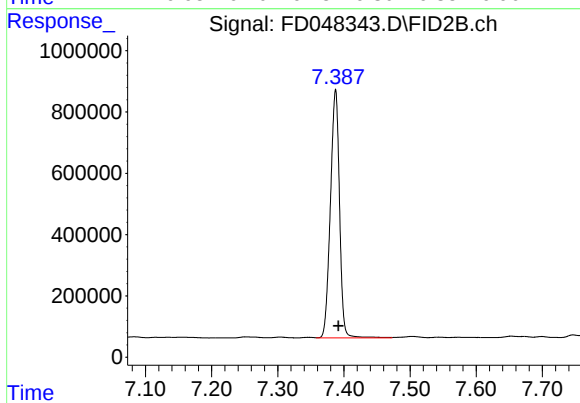
#2 Naphthalene (C11.7)

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 131655
Conc: 0.73 ug/ml



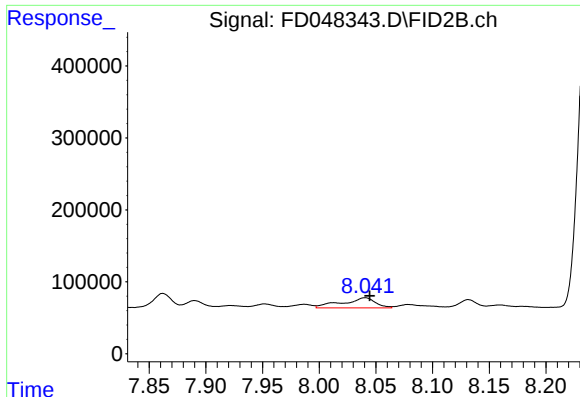
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 224259
Conc: 1.25 ug/ml



#4 2-Bromonaphthalene (SURR)

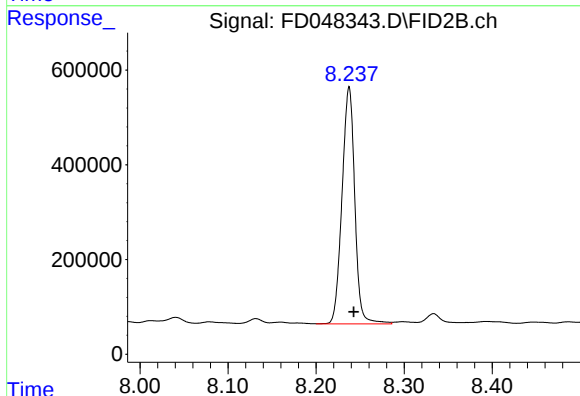
R.T.: 7.387 min
Delta R.T.: -0.004 min
Response: 7751231
Conc: 51.11 ug/ml



#5 Acenaphthylene (C15.06)

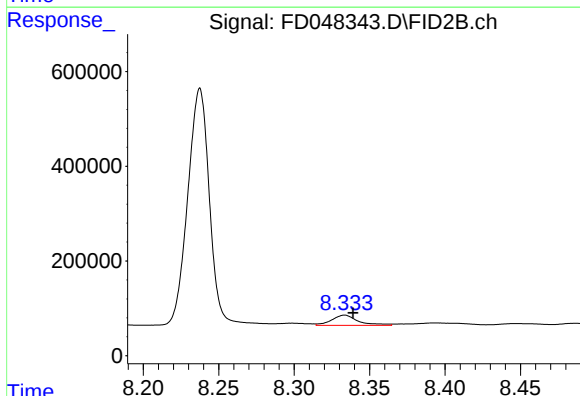
R.T.: 8.040 min
Delta R.T.: -0.004 min
Response: 287244
Conc: 1.64 ug/ml

Instrument :
FID_D
ClientSampleId :



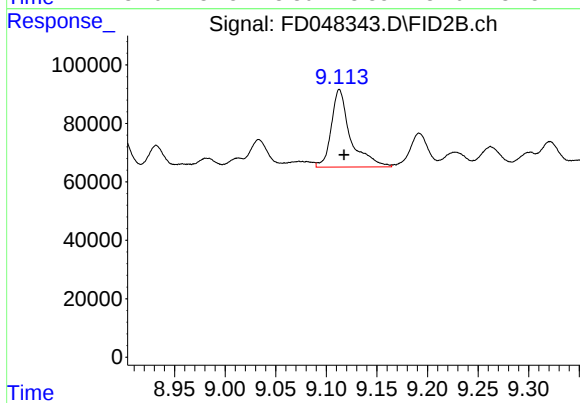
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.237 min
Delta R.T.: -0.005 min
Response: 5043361
Conc: 52.78 ug/ml



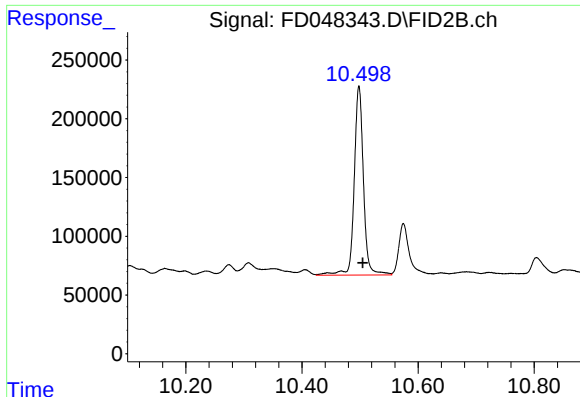
#7 Acenaphthene (C15.5)

R.T.: 8.333 min
Delta R.T.: -0.006 min
Response: 264551
Conc: 1.49 ug/ml



#8 Fluorene (C16.55)

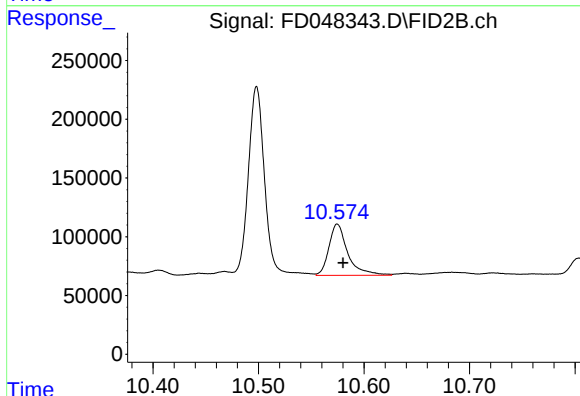
R.T.: 9.113 min
Delta R.T.: -0.005 min
Response: 350263
Conc: 2.09 ug/ml



#9 Phenanthrene (C19.36)

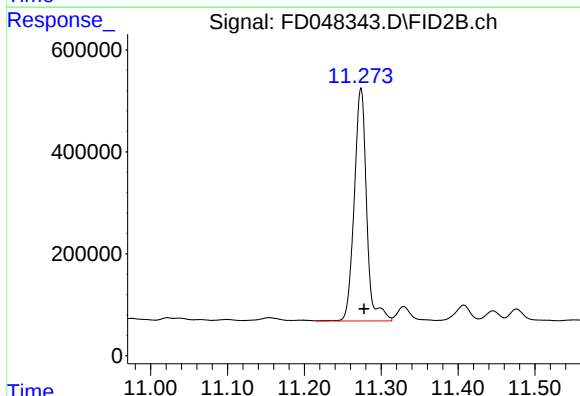
R.T.: 10.498 min
Delta R.T.: -0.006 min
Response: 1782030
Conc: 11.04 ug/ml

Instrument :
FID_D
ClientSampleId :



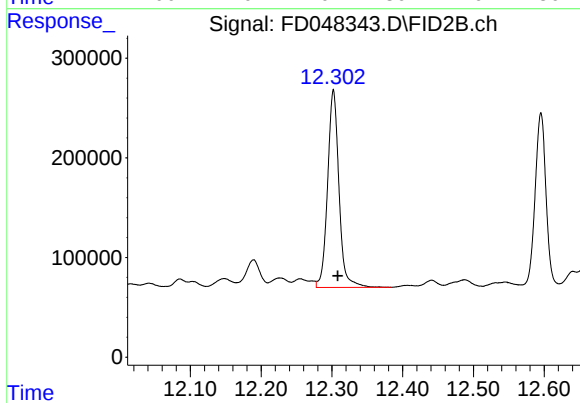
#10 Anthracene (C19.43)

R.T.: 10.575 min
Delta R.T.: -0.005 min
Response: 543394
Conc: 3.41 ug/ml



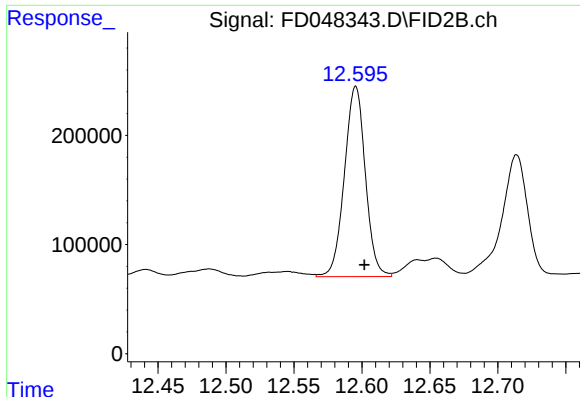
#11 ortho-Terphenyl (SURR)

R.T.: 11.274 min
Delta R.T.: -0.004 min
Response: 5114485
Conc: 29.81 ug/ml



#12 Fluoranthene (C21.85)

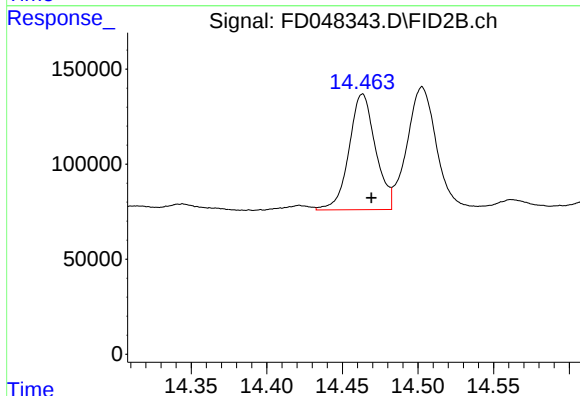
R.T.: 12.302 min
Delta R.T.: -0.006 min
Response: 2213936
Conc: 13.66 ug/ml



#13 Pyrene (C20.8)

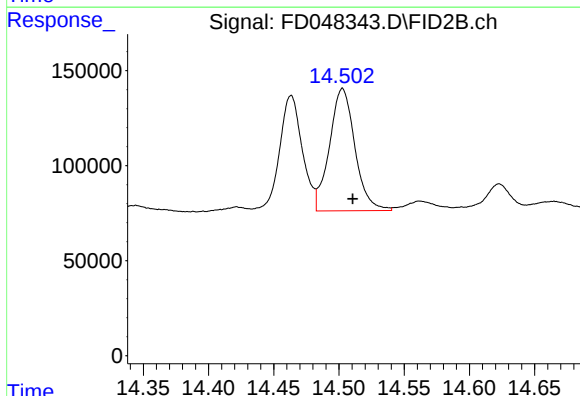
R.T.: 12.595 min
Delta R.T.: -0.006 min
Response: 1871200
Conc: 11.67 ug/ml

Instrument :
FID_D
ClientSampleId :



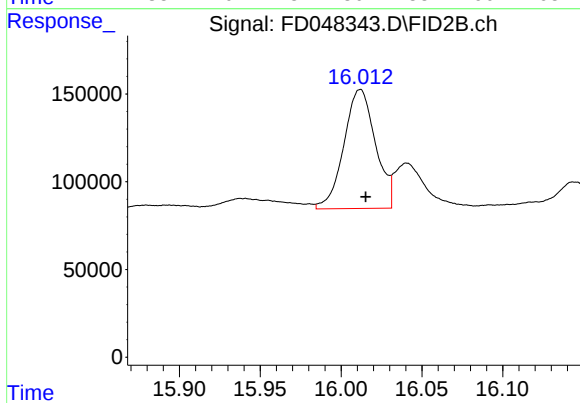
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.463 min
Delta R.T.: -0.006 min
Response: 741326
Conc: 5.29 ug/ml



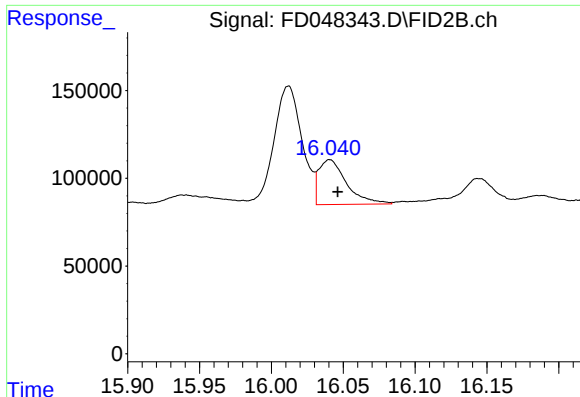
#15 Chrysene (C27.41)

R.T.: 14.503 min
Delta R.T.: -0.008 min
Response: 875199
Conc: 5.31 ug/ml



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

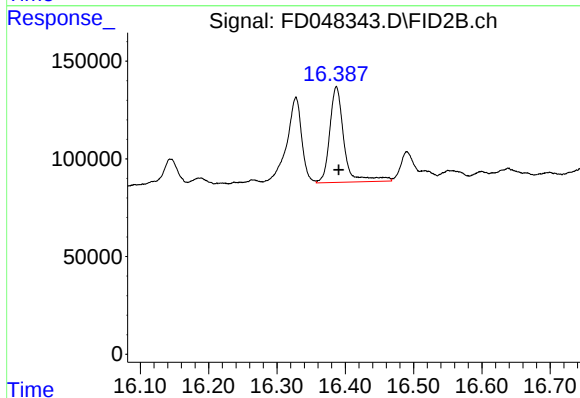
R.T.: 16.012 min
Delta R.T.: -0.004 min
Response: 925003
Conc: 6.23 ug/ml



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

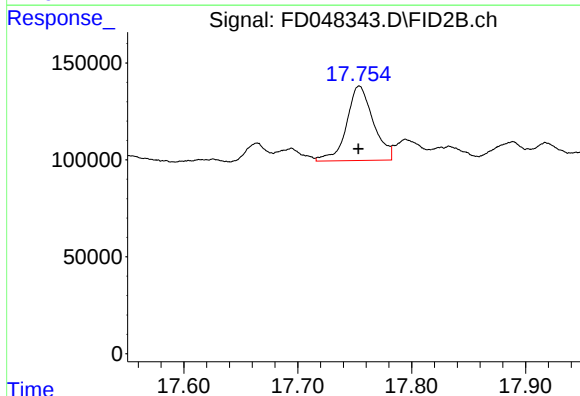
R.T.: 16.041 min
Delta R.T.: -0.006 min
Response: 343378
Conc: 2.23 ug/ml

Instrument :
FID_D
ClientSampleId :



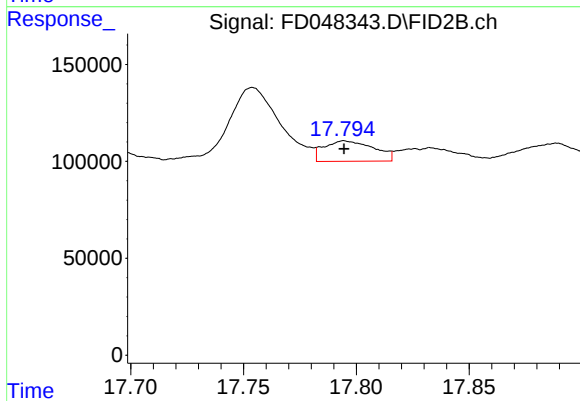
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.003 min
Response: 712400
Conc: 4.82 ug/ml



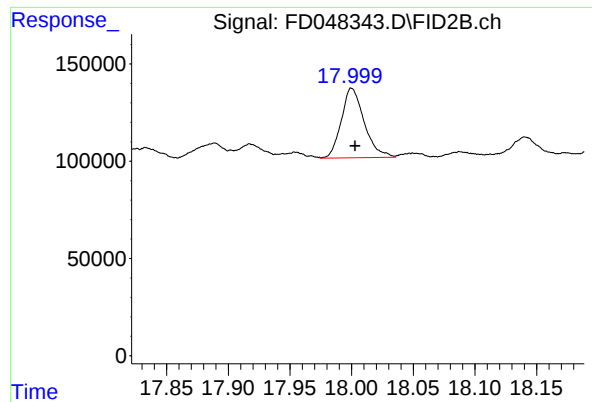
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min
Delta R.T.: 0.000 min
Response: 625636
Conc: 5.54 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 162222
Conc: 1.06 ug/ml



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

R.T.: 18.001 min
Delta R.T.: -0.002 min
Response: 462227
Conc: 3.14 ug/ml

Instrument :

FID_D

ClientSampleId :