

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048363.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 19:59
 Operator : YP/AJ
 Sample : P4104-19MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-14-7.5-10B-EPH-4MS

Integration File: autoint1.e
 Quant Time: Sep 21 02:15:55 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...	7.385	7197514	47.458 ug/ml
Spiked Amount 50.000		Recovery =	94.92%
6) S 2-Fluorobiphenyl (SURR)	8.236	4686762	49.051 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.10%
11) S ortho-Terphenyl (SURR)	11.272	4955788	28.885 ug/ml
Spiked Amount 50.000		Recovery =	57.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.207	5863849	33.240 ug/ml
2) T Naphthalene (C11.7)	5.725	6491956	35.899 ug/ml
3) T 2-Methylnaphthalene (...)	6.772	6084574	34.009 ug/ml
5) T Acenaphthylene (C15.06)	8.039	6570231	37.606 ug/ml
7) T Acenaphthene (C15.5)	8.334	7174421	40.339 ug/ml
8) T Fluorene (C16.55)	9.113	7231391	43.185 ug/ml
9) T Phenanthrene (C19.36)	10.501	7317641	45.325 ug/ml
10) T Anthracene (C19.43)	10.576	7362433	46.267 ug/ml
12) T Fluoranthene (C21.85)	12.306	8100114	49.966 ug/ml
13) T Pyrene (C20.8)	12.600	7808136	48.698 ug/ml
14) T Benzo[a]anthracene (C...	14.468	6630547	47.335 ug/ml
15) T Chrysene (C27.41)	14.511	6724655	40.826 ug/ml
16) T benzo[b]fluoranthene ...	16.016	6713000	45.182 ug/ml
17) T Bnezo[k]fluoranthene ...	16.049	6672825	43.326 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.391	6404367	43.287 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.757	6500680	57.531 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	6427049	42.114 ug/ml
21) T Benzo[g,h,i]perylene ...	18.008	6178193	41.914 ug/ml

(f)=RT Delta > 1/2 Window

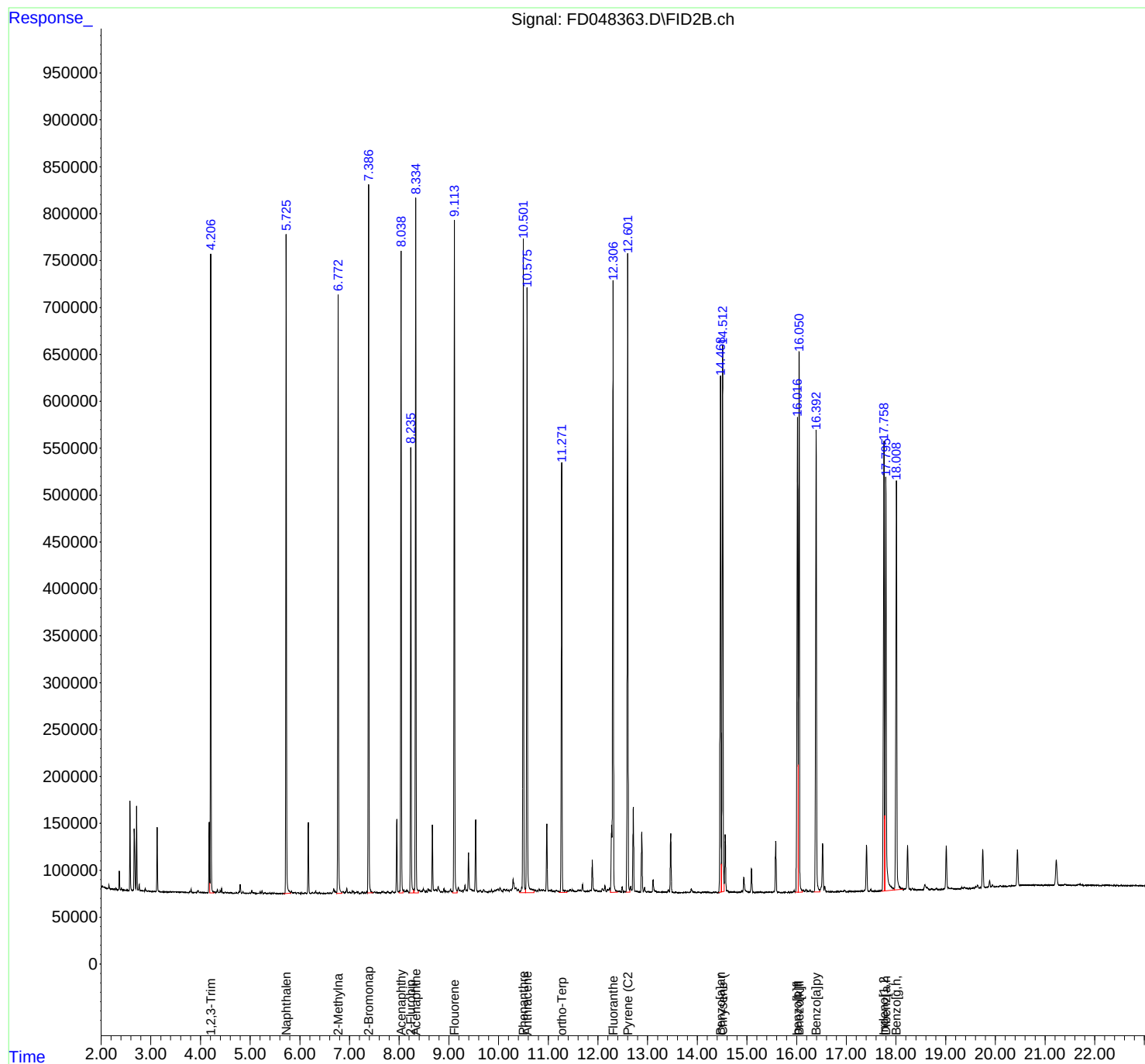
(m)=manual int.

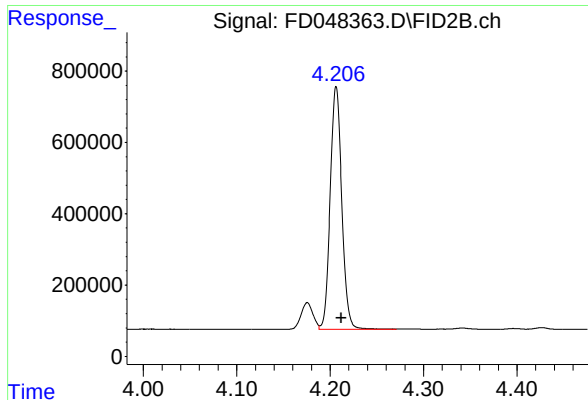
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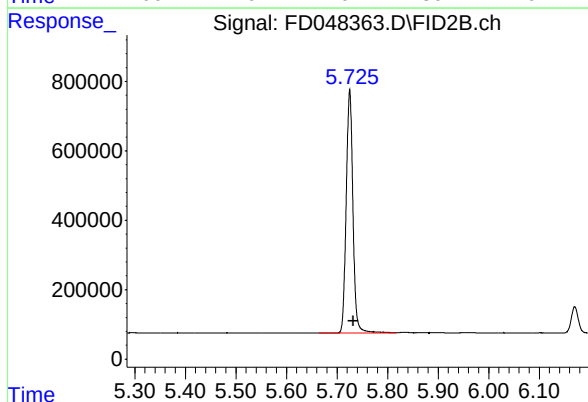




#1 1,2,3-Trimethylbenzene (C10.1)

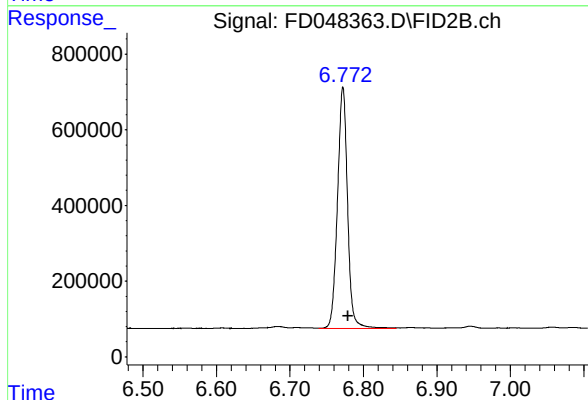
R.T.: 4.207 min
Delta R.T.: -0.005 min
Response: 5863849
Conc: 33.24 ug/ml

Instrument :
FID_D
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WC-14-7.5-10B-EPH-4MS



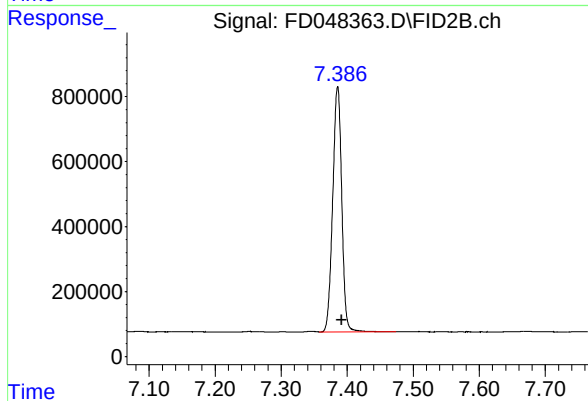
#2 Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: -0.007 min
Response: 6491956
Conc: 35.90 ug/ml



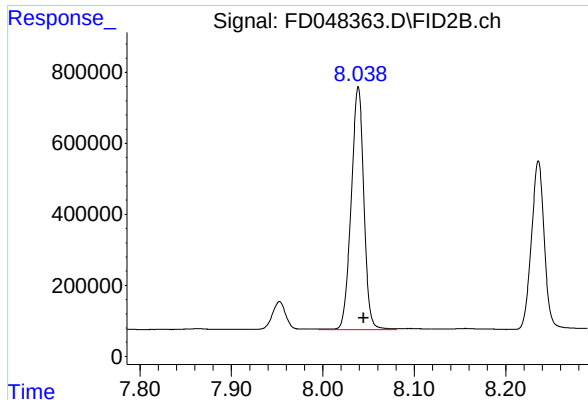
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.772 min
Delta R.T.: -0.007 min
Response: 6084574
Conc: 34.01 ug/ml



#4 2-Bromonaphthalene (SURR)

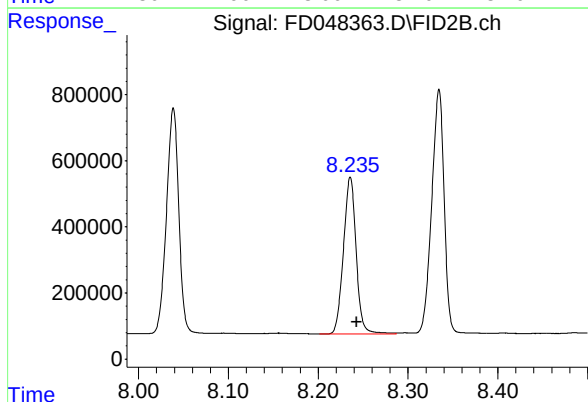
R.T.: 7.385 min
Delta R.T.: -0.006 min
Response: 7197514
Conc: 47.46 ug/ml



#5 Acenaphthylene (C15.06)

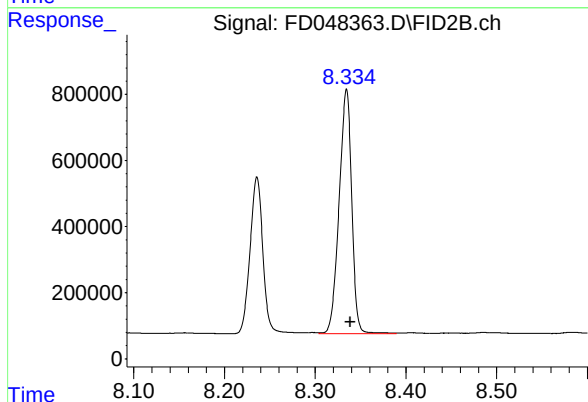
R.T.: 8.039 min
Delta R.T.: -0.006 min
Response: 6570231
Conc: 37.61 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-14-7.5-10B-EPH-4MS



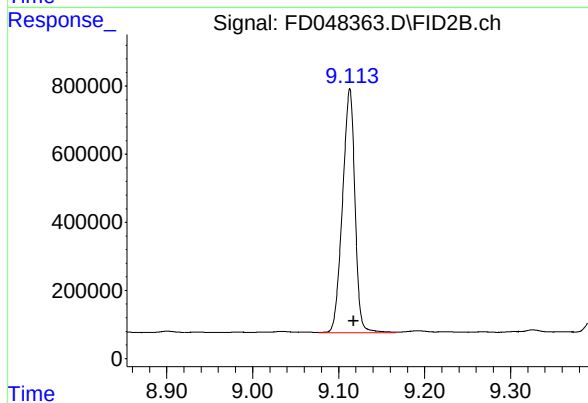
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.236 min
Delta R.T.: -0.007 min
Response: 4686762
Conc: 49.05 ug/ml



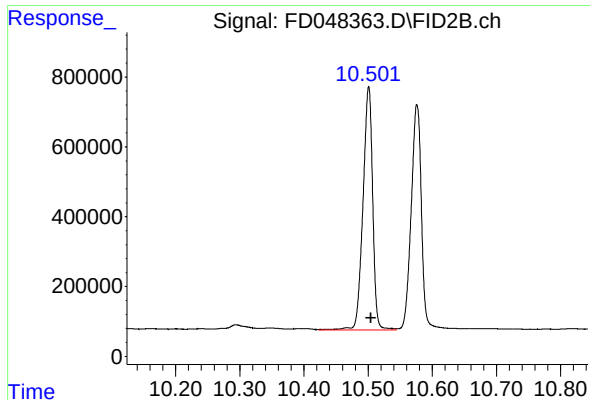
#7 Acenaphthene (C15.5)

R.T.: 8.334 min
Delta R.T.: -0.005 min
Response: 7174421
Conc: 40.34 ug/ml



#8 Flouorene (C16.55)

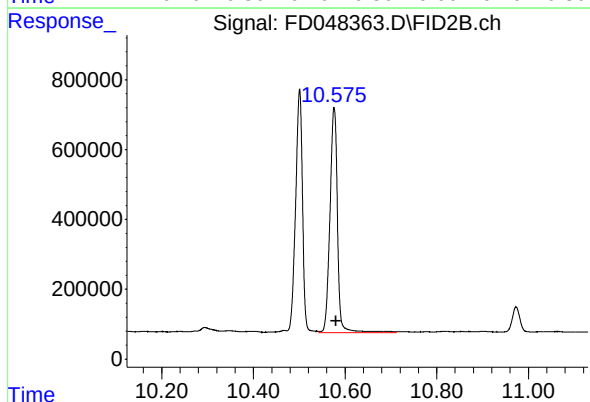
R.T.: 9.113 min
Delta R.T.: -0.005 min
Response: 7231391
Conc: 43.19 ug/ml



#9 Phenanthrene (C19.36)

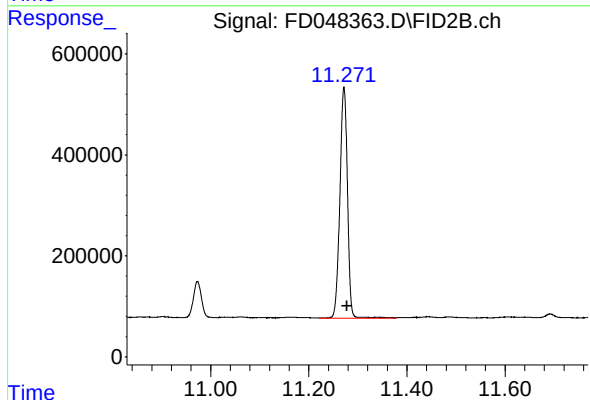
R.T.: 10.501 min
Delta R.T.: -0.004 min
Response: 7317641
Conc: 45.33 ug/ml

Instrument :
FID_D
ClientSampleId :
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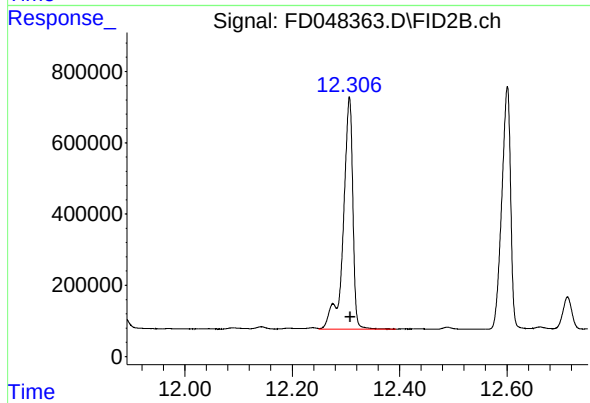
#10 Anthracene (C19.43)

R.T.: 10.576 min
Delta R.T.: -0.004 min
Response: 7362433
Conc: 46.27 ug/ml



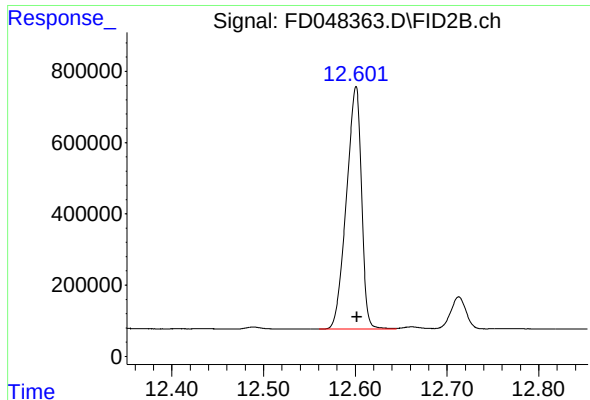
#11 ortho-Terphenyl (SURRE)

R.T.: 11.272 min
Delta R.T.: -0.006 min
Response: 4955788
Conc: 28.88 ug/ml



#12 Fluoranthene (C21.85)

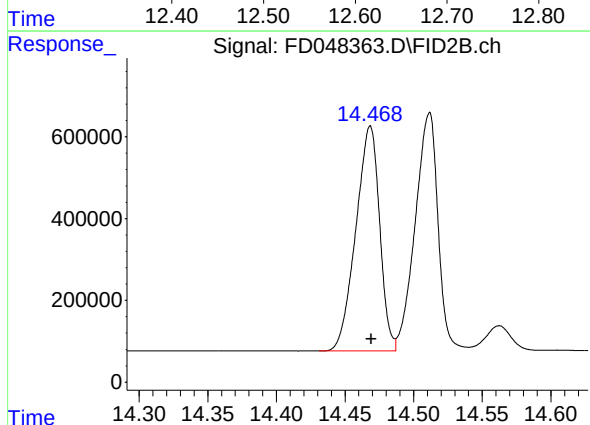
R.T.: 12.306 min
Delta R.T.: -0.002 min
Response: 8100114
Conc: 49.97 ug/ml



#13 Pyrene (C20.8)

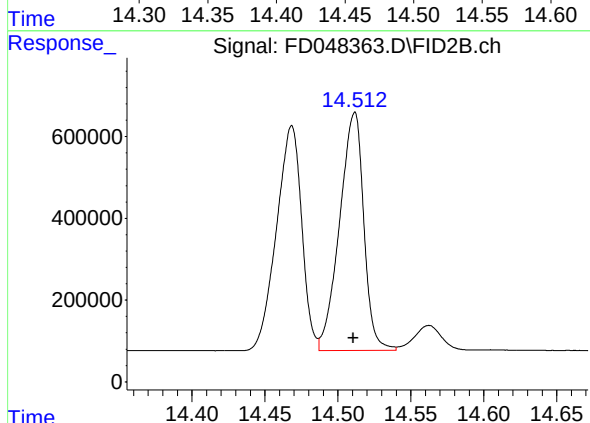
R.T.: 12.600 min
Delta R.T.: -0.002 min
Response: 7808136
Conc: 48.70 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-14-7.5-10B-EPH-4MS



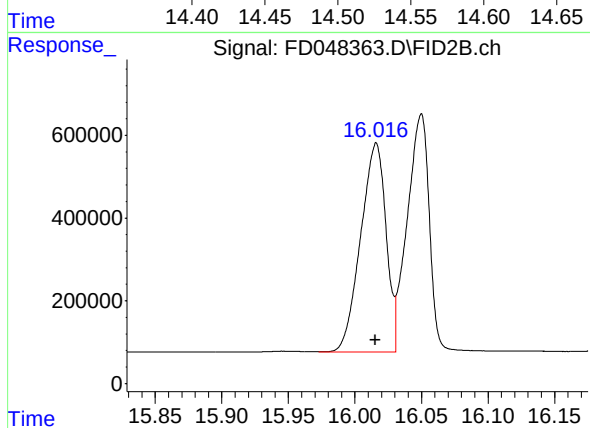
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.468 min
Delta R.T.: -0.001 min
Response: 6630547
Conc: 47.33 ug/ml



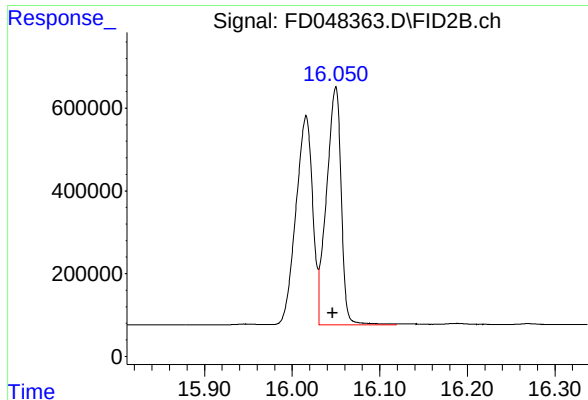
#15 Chrysene (C27.41)

R.T.: 14.511 min
Delta R.T.: 0.000 min
Response: 6724655
Conc: 40.83 ug/ml



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

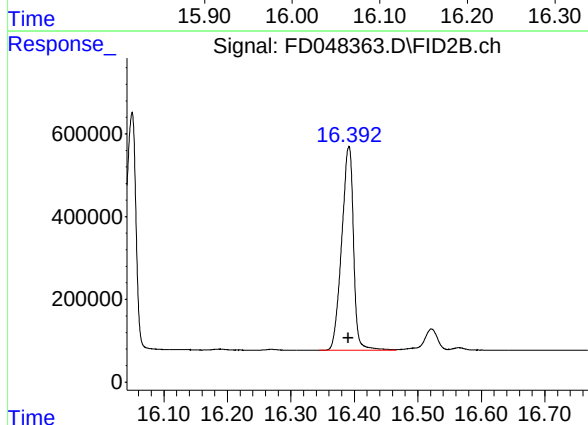
R.T.: 16.016 min
Delta R.T.: 0.000 min
Response: 6713000
Conc: 45.18 ug/ml



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

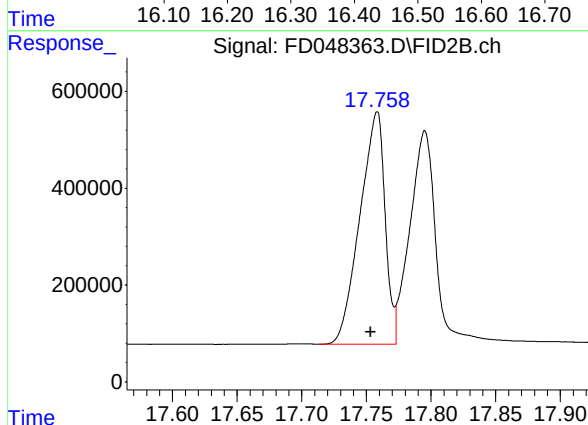
R.T.: 16.049 min
Delta R.T.: 0.003 min
Response: 6672825
Conc: 43.33 ug/ml

Instrument :
FID_D
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WC-14-7.5-10B-EPH-4MS



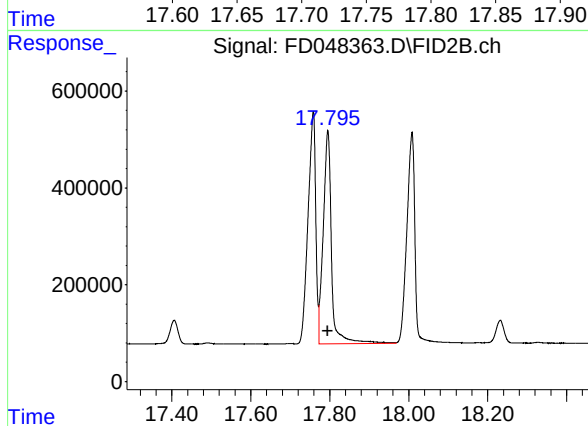
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: 0.000 min
Response: 6404367
Conc: 43.29 ug/ml



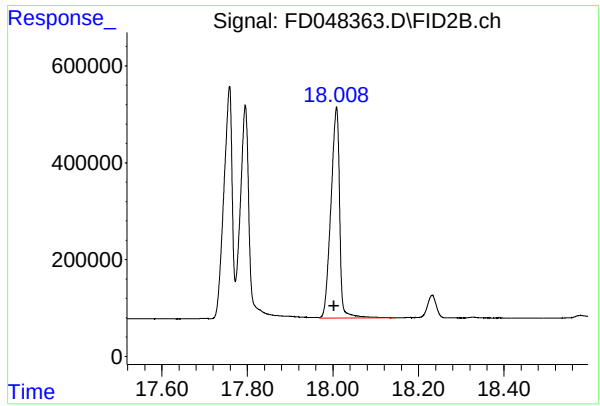
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.757 min
Delta R.T.: 0.004 min
Response: 6500680
Conc: 57.53 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 6427049
Conc: 42.11 ug/ml



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

R.T.: 18.008 min
Delta R.T.: 0.005 min
Response: 6178193
Conc: 41.91 ug/ml

Instrument :

FID_D

ClientSampleId :

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