

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100824AR\
 Data File : FD048438.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2024 17:46
 Operator : YP/AJ
 Sample : PB163984BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163984BSD

Integration File: autoint1.e
 Quant Time: Oct 09 01:33:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.379	7059560	42.638 ug/ml
Spiked Amount 50.000		Recovery =	85.28%
6) S 2-Fluorobiphenyl (SURR)	8.230	4583825	44.201 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.40%
11) S ortho-Terphenyl (SURR)	11.266	6592117	35.827 ug/ml
Spiked Amount 50.000		Recovery =	71.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.201	4905548	27.991 ug/ml
2) T Naphthalene (C11.7)	5.719	5460733	29.247 ug/ml
3) T 2-Methylnaphthalene (...)	6.766	5376470	28.449 ug/ml
5) T Acenaphthylene (C15.06)	8.032	5711601	29.772 ug/ml
7) T Acenaphthene (C15.5)	8.327	6048629	31.977 ug/ml
8) T Fluorene (C16.55)	9.105	6064419	33.566 ug/ml
9) T Phenanthrene (C19.36)	10.493	6225900	35.129 ug/ml
10) T Anthracene (C19.43)	10.568	6367318	35.783 ug/ml
12) T Fluoranthene (C21.85)	12.298	7359067	40.686 ug/ml
13) T Pyrene (C20.8)	12.591	6768530	37.799 ug/ml
14) T Benzo[a]anthracene (C...	14.460	6057255	37.902 ug/ml
15) T Chrysene (C27.41)	14.502	6136204	32.897 ug/ml
16) T benzo[b]fluoranthene ...	16.007	5995042	35.997 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	6019525	35.462 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.382	5742218	35.133 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	5743503	43.664 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	5788679	34.594 ug/ml
21) T Benzo[g,h,i]perylene ...	17.999	5509212	33.919 ug/ml

(f)=RT Delta > 1/2 Window

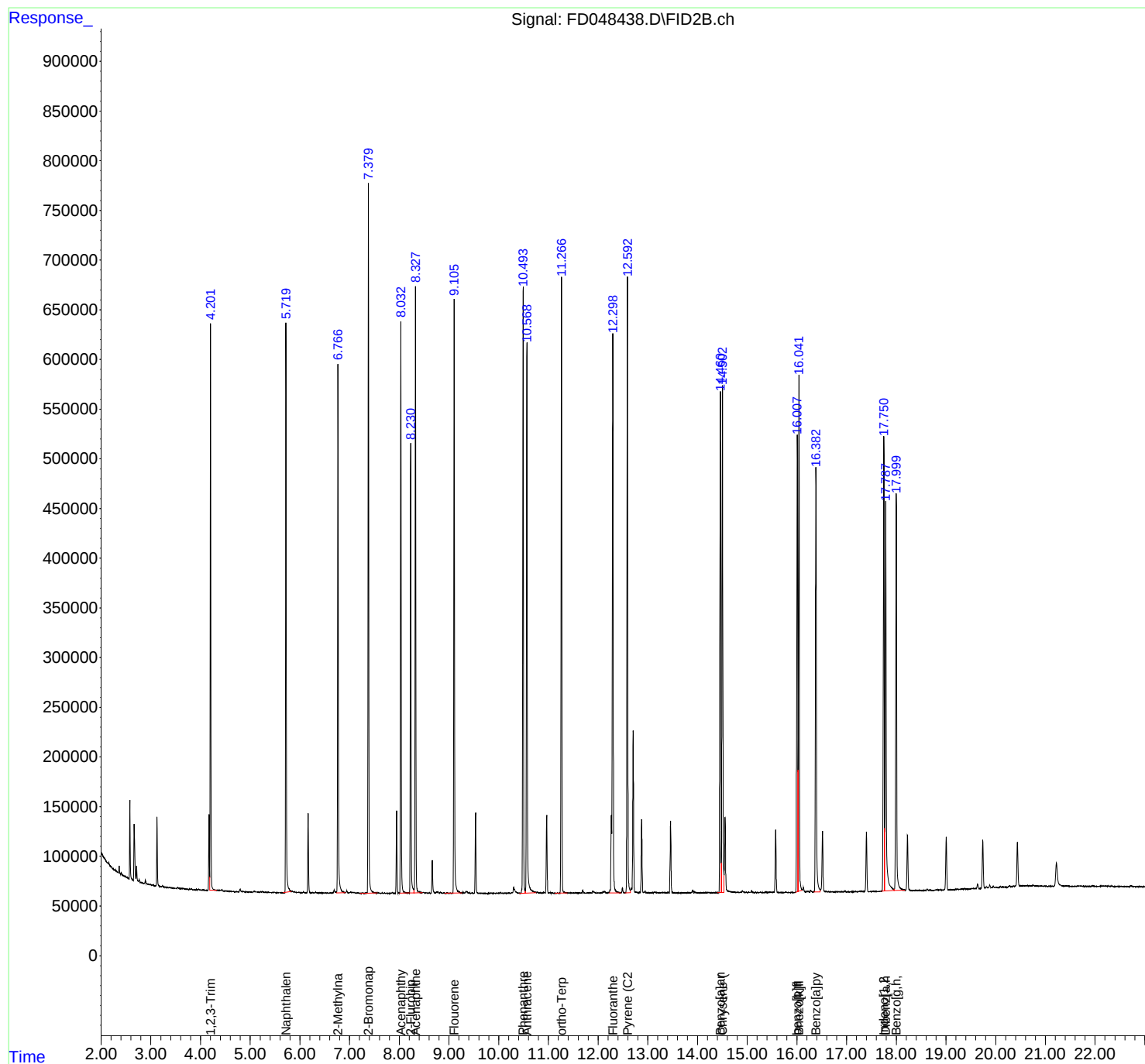
(m)=manual int.

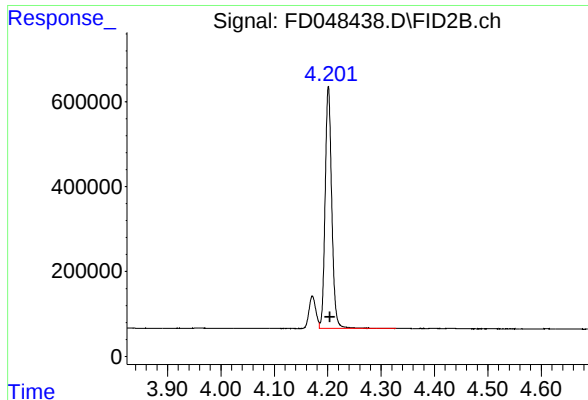
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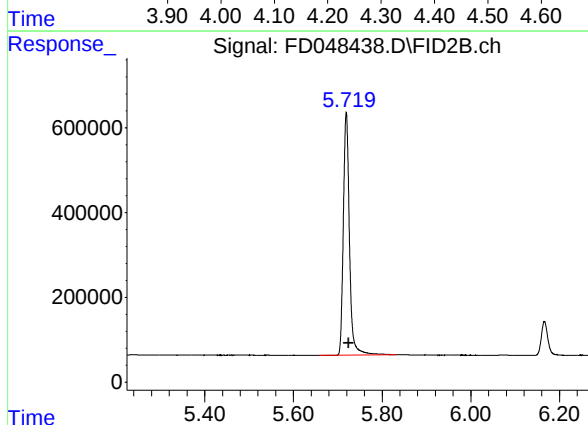




#1 1,2,3-Trimethylbenzene (C10.1)

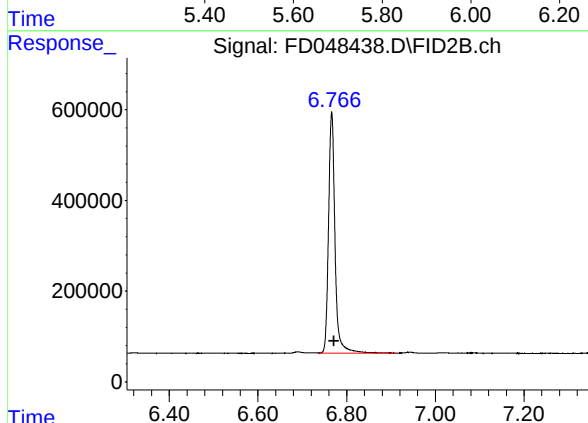
R.T.: 4.201 min
Delta R.T.: -0.003 min
Response: 4905548
Conc: 27.99 ug/ml

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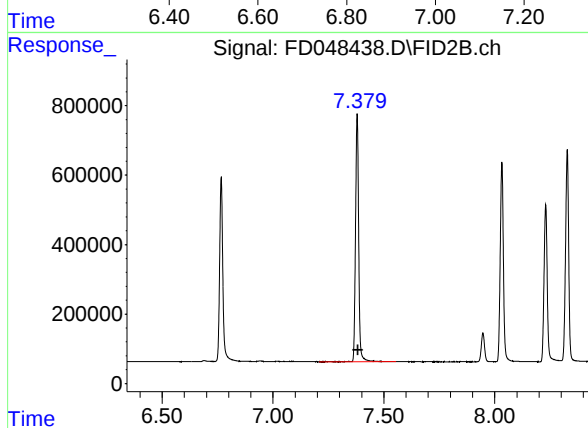
#2 Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: -0.005 min
Response: 5460733
Conc: 29.25 ug/ml



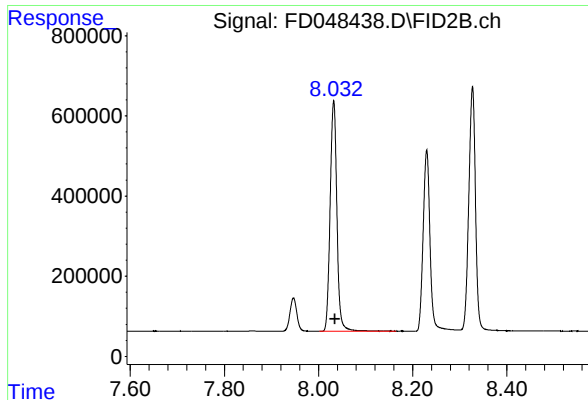
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: -0.006 min
Response: 5376470
Conc: 28.45 ug/ml



#4 2-Bromonaphthalene (SURR)

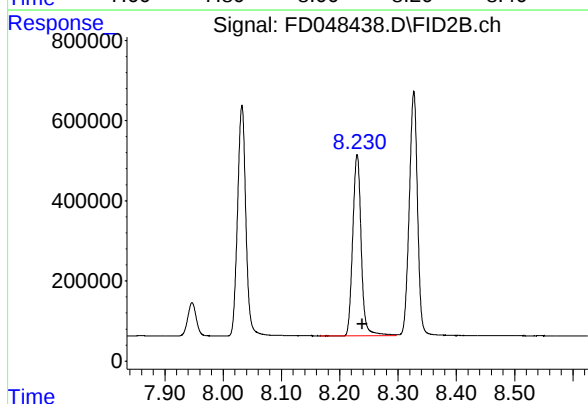
R.T.: 7.379 min
Delta R.T.: -0.005 min
Response: 7059560
Conc: 42.64 ug/ml



#5 Acenaphthylene (C15.06)

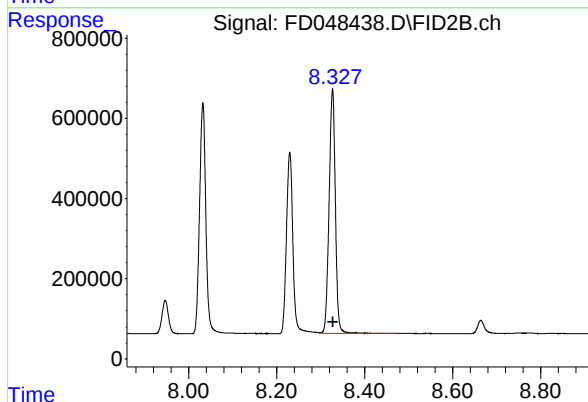
R.T.: 8.032 min
Delta R.T.: -0.003 min
Response: 5711601
Conc: 29.77 ug/ml

Instrument :
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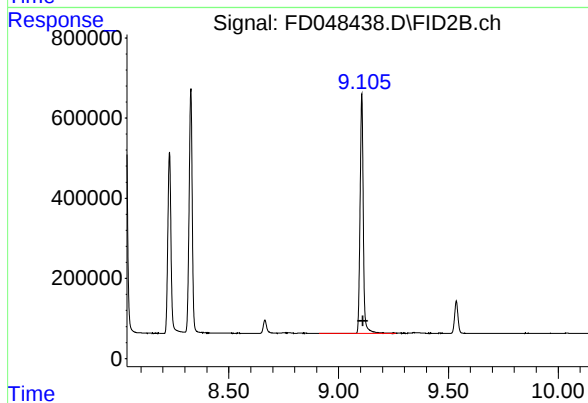
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.230 min
Delta R.T.: -0.009 min
Response: 4583825
Conc: 44.20 ug/ml



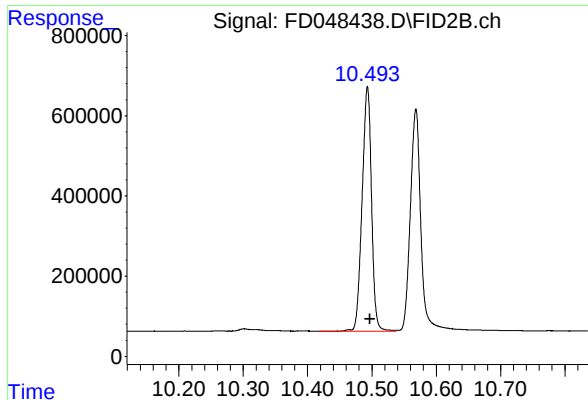
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 6048629
Conc: 31.98 ug/ml



#8 Fluorene (C16.55)

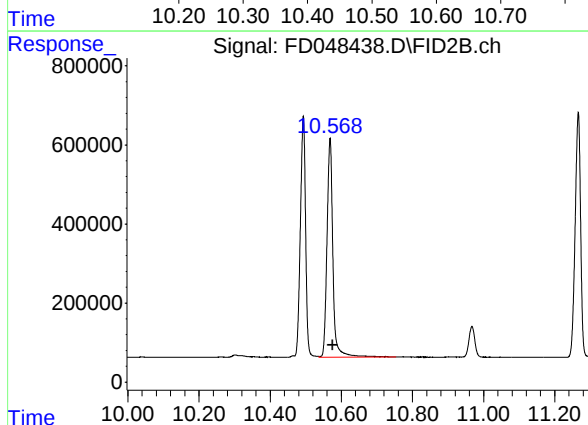
R.T.: 9.105 min
Delta R.T.: -0.005 min
Response: 6064419
Conc: 33.57 ug/ml



#9 Phenanthrene (C19.36)

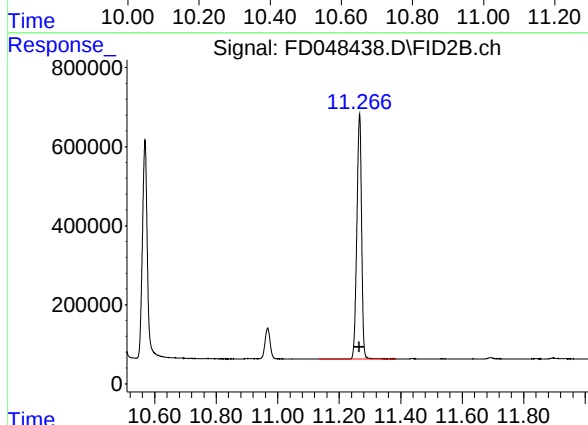
R.T.: 10.493 min
Delta R.T.: -0.004 min
Response: 6225900
Conc: 35.13 ug/ml

Instrument :
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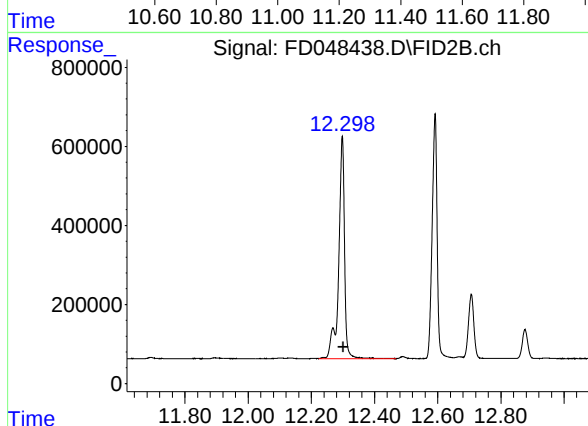
#10 Anthracene (C19.43)

R.T.: 10.568 min
Delta R.T.: -0.007 min
Response: 6367318
Conc: 35.78 ug/ml



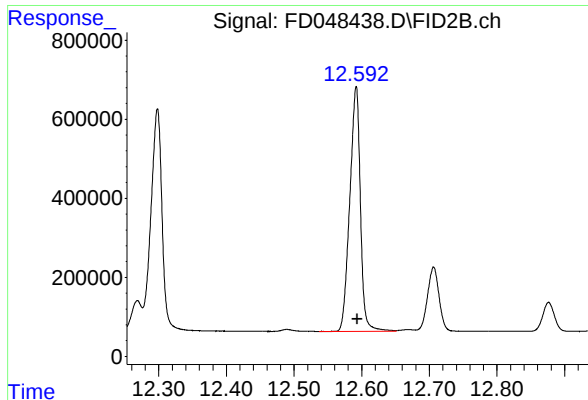
#11 ortho-Terphenyl (SURR)

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 6592117
Conc: 35.83 ug/ml



#12 Fluoranthene (C21.85)

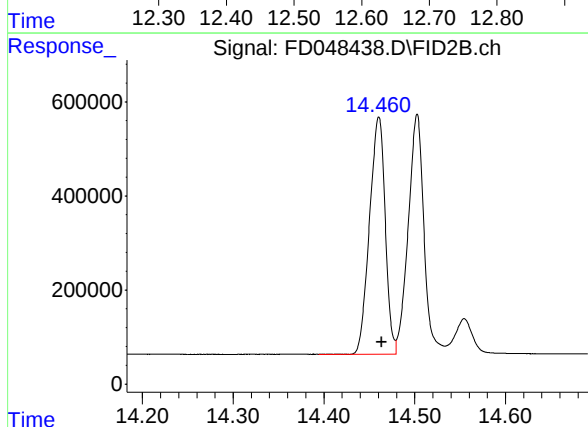
R.T.: 12.298 min
Delta R.T.: -0.004 min
Response: 7359067
Conc: 40.69 ug/ml



#13 Pyrene (C20.8)

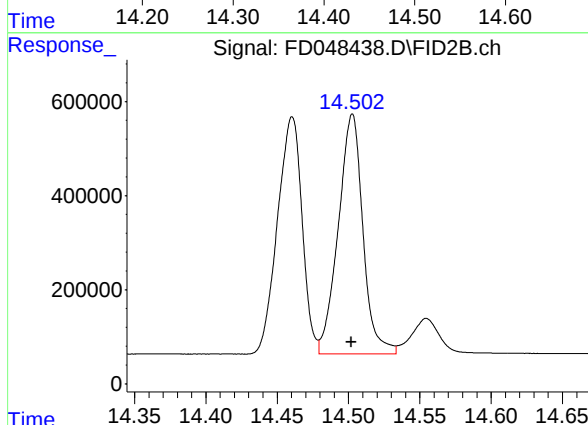
R.T.: 12.591 min
Delta R.T.: -0.002 min
Response: 6768530
Conc: 37.80 ug/ml

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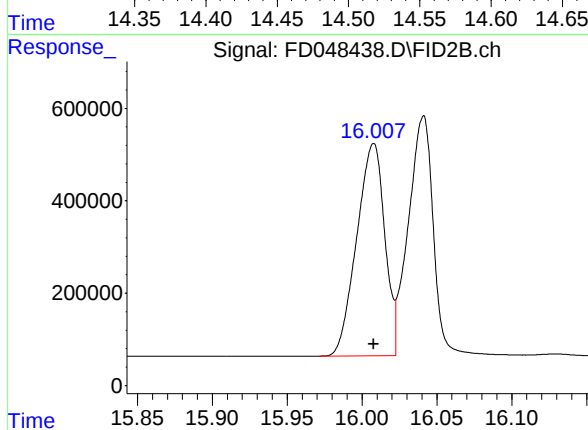
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.460 min
Delta R.T.: -0.004 min
Response: 6057255
Conc: 37.90 ug/ml



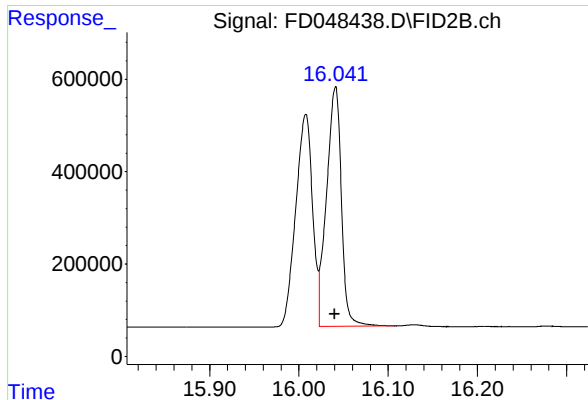
#15 Chrysene (C27.41)

R.T.: 14.502 min
Delta R.T.: 0.000 min
Response: 6136204
Conc: 32.90 ug/ml



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

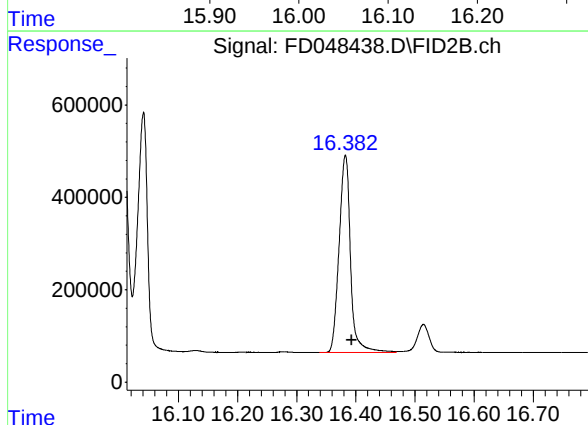
R.T.: 16.007 min
Delta R.T.: 0.000 min
Response: 5995042
Conc: 36.00 ug/ml



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

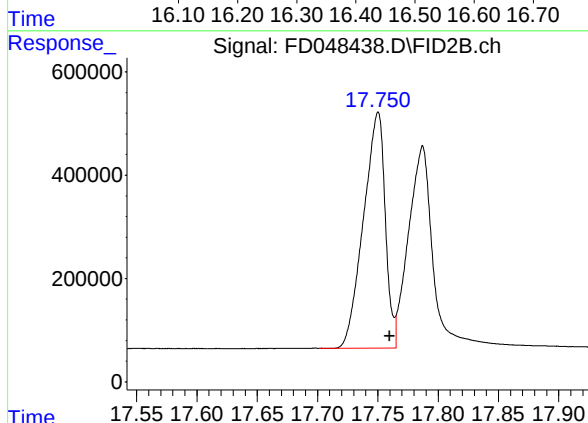
R.T.: 16.041 min
Delta R.T.: 0.000 min
Response: 6019525
Conc: 35.46 ug/ml

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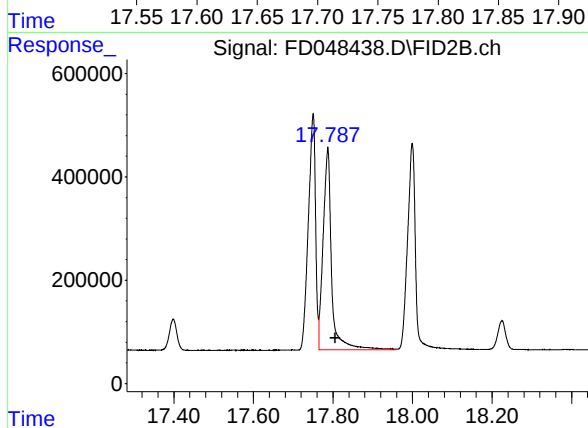
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.382 min
Delta R.T.: -0.011 min
Response: 5742218
Conc: 35.13 ug/ml



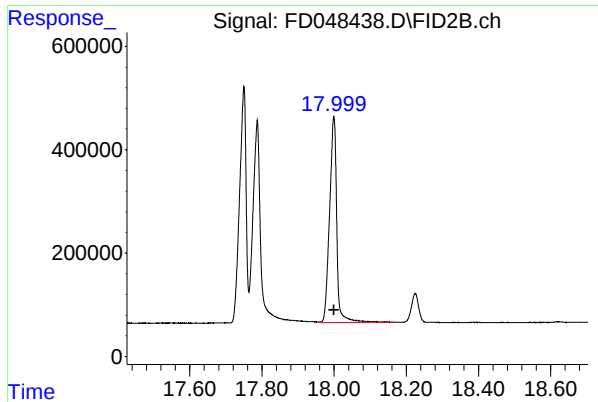
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.750 min
Delta R.T.: -0.010 min
Response: 5743503
Conc: 43.66 ug/ml



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

R.T.: 17.787 min
Delta R.T.: -0.020 min
Response: 5788679
Conc: 34.59 ug/ml



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

R.T.: 17.999 min

Delta R.T.: -0.002 min

Response: 5509212

Conc: 33.92 ug/ml

Instrument :

FID_D

ClientSampleId :

PB163984BSD