

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100824AR\
 Data File : FD048437.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2024 17:09
 Operator : YP/AJ
 Sample : PB163984BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163984BS

Integration File: autoint1.e
 Quant Time: Oct 09 01:33:15 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...	7.380	6970316	42.099 ug/ml
Spiked Amount 50.000		Recovery =	84.20%
6) S 2-Fluorobiphenyl (SURR)	8.230	4564152	44.011 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.02%
11) S ortho-Terphenyl (SURR)	11.266	6514621	35.406 ug/ml
Spiked Amount 50.000		Recovery =	70.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.202	4883773	27.866 ug/ml
2) T Naphthalene (C11.7)	5.719	5487099	29.388 ug/ml
3) T 2-Methylnaphthalene (...)	6.766	5326356	28.183 ug/ml
5) T Acenaphthylene (C15.06)	8.032	5669826	29.555 ug/ml
7) T Acenaphthene (C15.5)	8.328	5987205	31.652 ug/ml
8) T Fluorene (C16.55)	9.106	6016527	33.301 ug/ml
9) T Phenanthrene (C19.36)	10.494	6162415	34.771 ug/ml
10) T Anthracene (C19.43)	10.569	6293443	35.368 ug/ml
12) T Fluoranthene (C21.85)	12.298	7299680	40.358 ug/ml
13) T Pyrene (C20.8)	12.592	6711873	37.482 ug/ml
14) T Benzo[a]anthracene (C...	14.461	6019155	37.663 ug/ml
15) T Chrysene (C27.41)	14.503	6094955	32.676 ug/ml
16) T benzo[b]fluoranthene ...	16.008	5971797	35.858 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	5964851	35.139 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.382	5720843	35.002 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	5683772	43.209 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	5747800	34.349 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	5478913	33.732 ug/ml

(f)=RT Delta > 1/2 Window

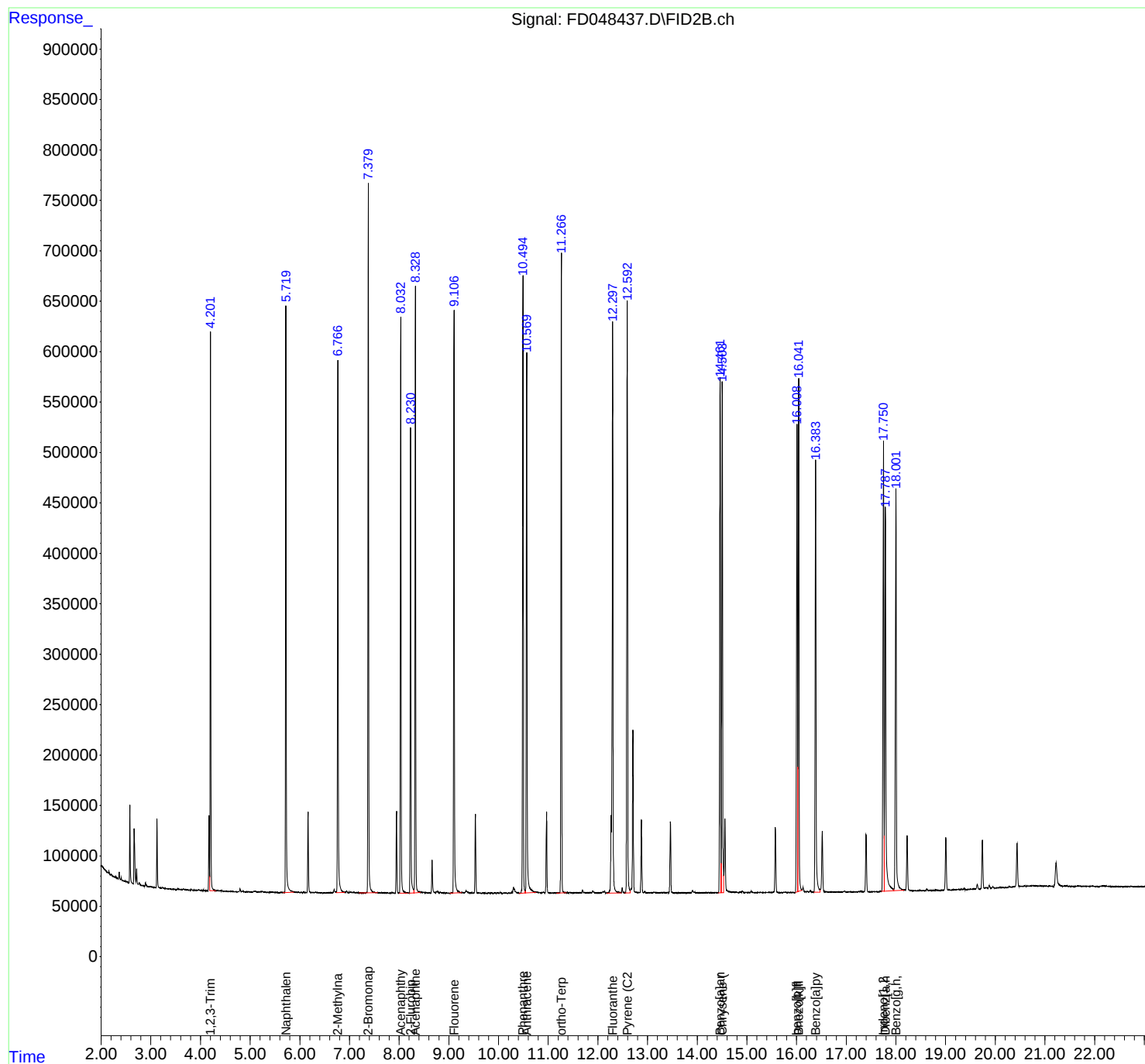
(m)=manual int.

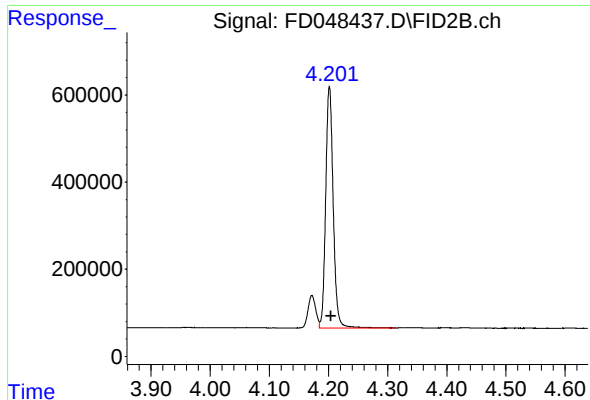
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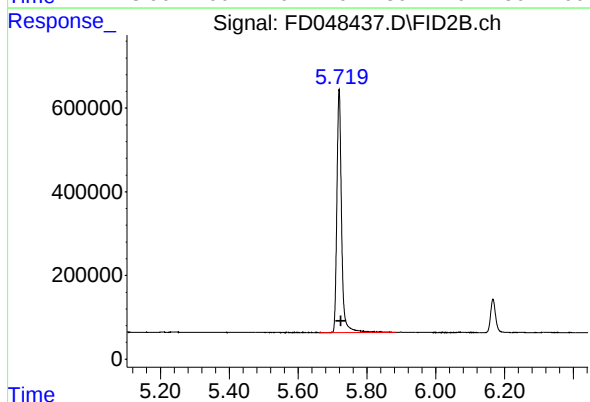




#1 1,2,3-Trimethylbenzene (C10.1)

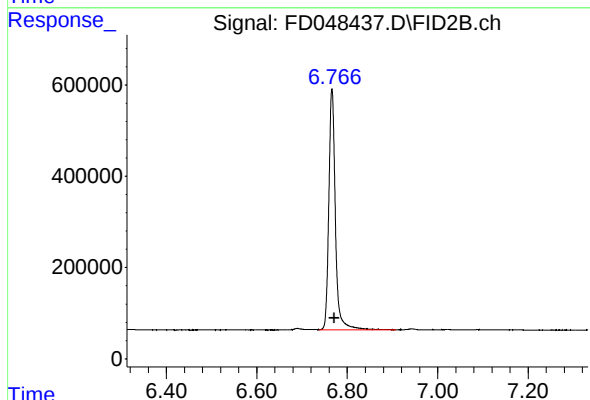
R.T.: 4.202 min
Delta R.T.: -0.002 min
Response: 4883773
Conc: 27.87 ug/ml

Instrument :
FID_D
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PB163984BS



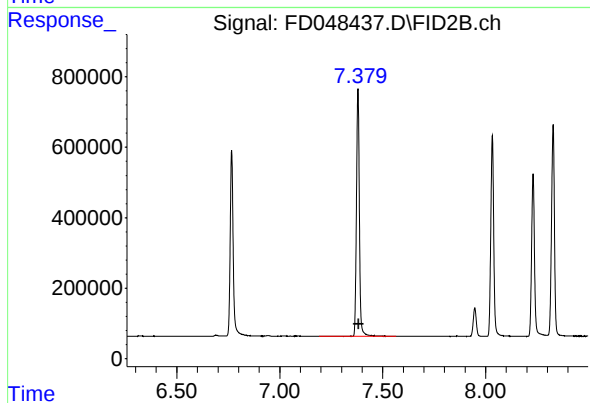
#2 Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: -0.005 min
Response: 5487099
Conc: 29.39 ug/ml



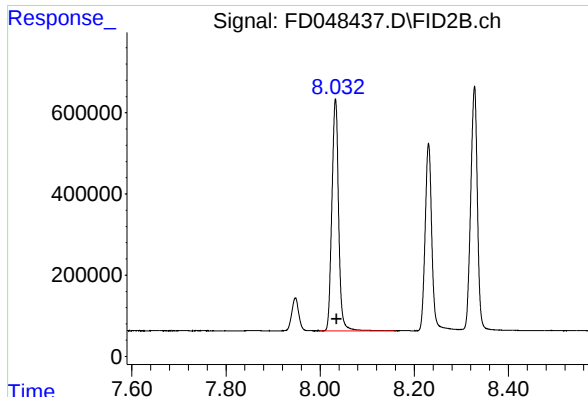
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: -0.006 min
Response: 5326356
Conc: 28.18 ug/ml



#4 2-Bromonaphthalene (SURR)

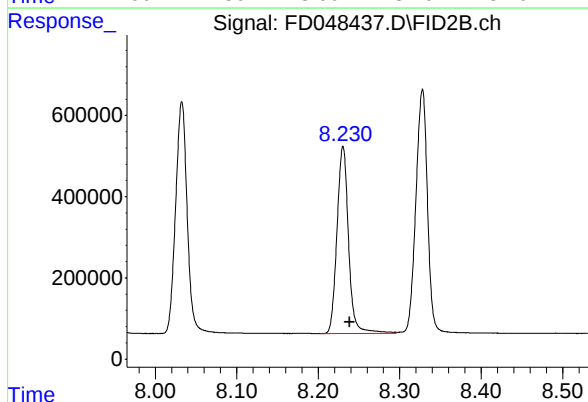
R.T.: 7.380 min
Delta R.T.: -0.004 min
Response: 6970316
Conc: 42.10 ug/ml



#5 Acenaphthylene (C15.06)

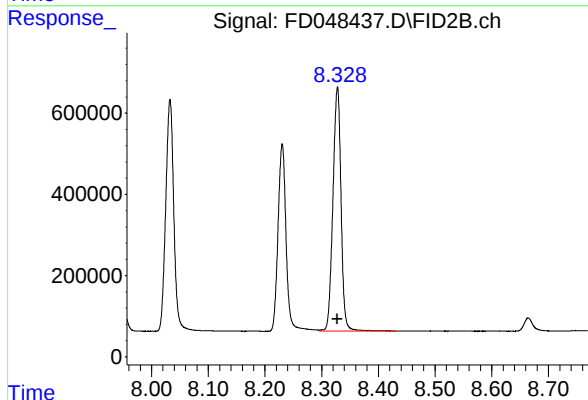
R.T.: 8.032 min
Delta R.T.: -0.003 min
Response: 5669826
Conc: 29.55 ug/ml

Instrument :
FID_D
ClientSampleId :
PB163984BS



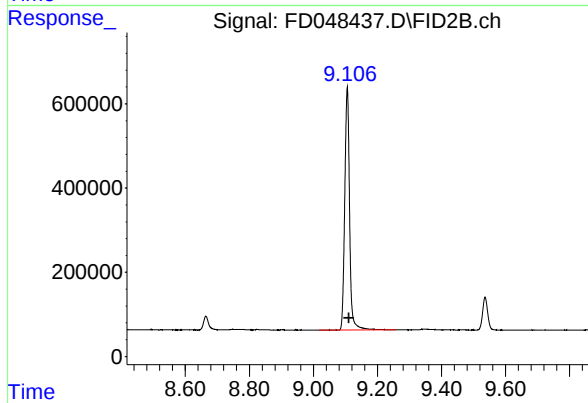
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.230 min
Delta R.T.: -0.009 min
Response: 4564152
Conc: 44.01 ug/ml



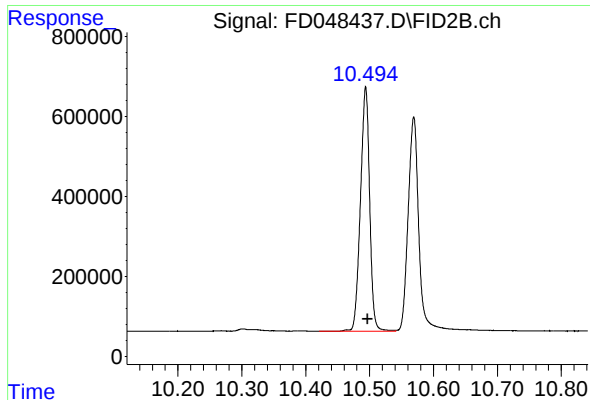
#7 Acenaphthene (C15.5)

R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 5987205
Conc: 31.65 ug/ml



#8 Flouorene (C16.55)

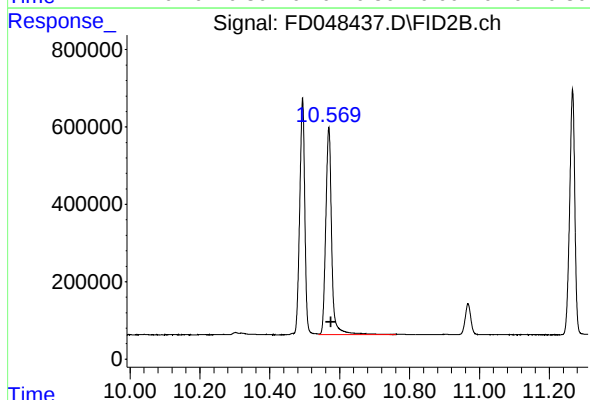
R.T.: 9.106 min
Delta R.T.: -0.005 min
Response: 6016527
Conc: 33.30 ug/ml



#9 Phenanthrene (C19.36)

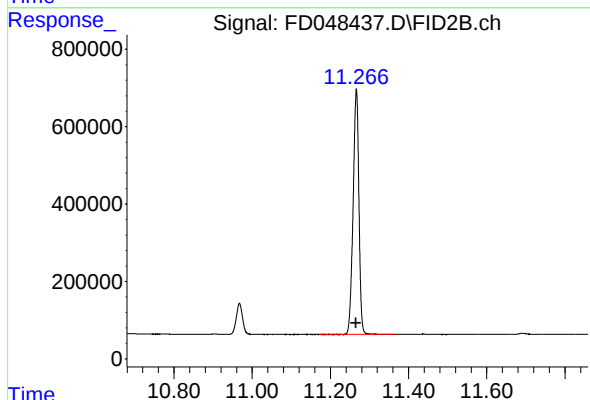
R.T.: 10.494 min
Delta R.T.: -0.003 min
Response: 6162415
Conc: 34.77 ug/ml

Instrument :
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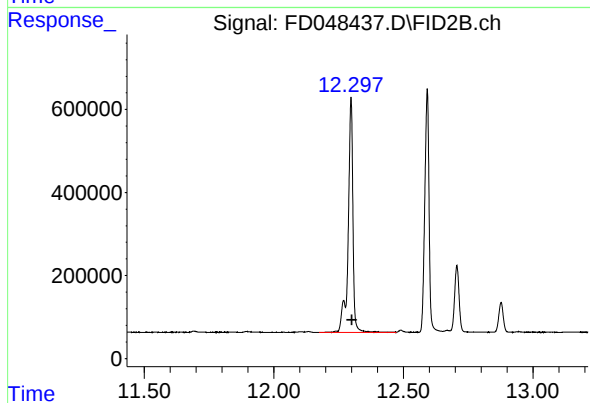
#10 Anthracene (C19.43)

R.T.: 10.569 min
Delta R.T.: -0.006 min
Response: 6293443
Conc: 35.37 ug/ml



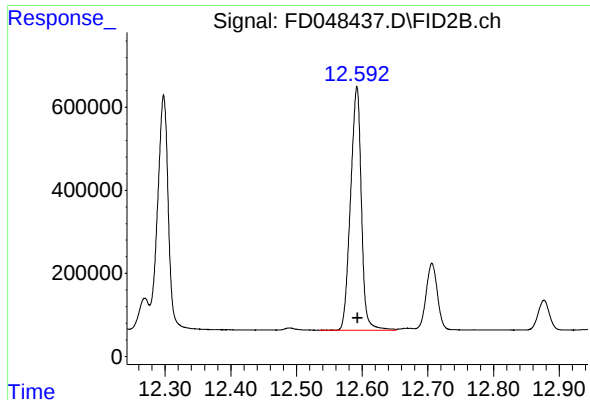
#11 ortho-Terphenyl (SURR)

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 6514621
Conc: 35.41 ug/ml



#12 Fluoranthene (C21.85)

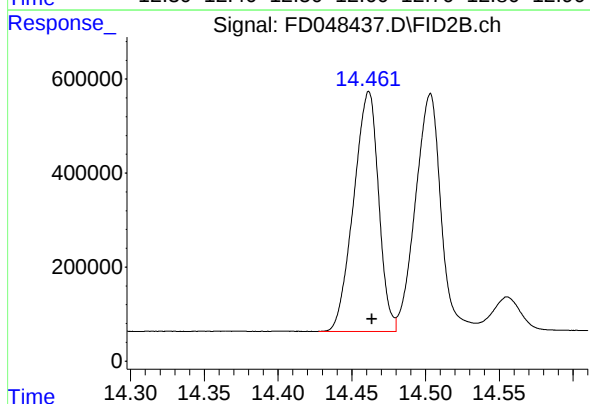
R.T.: 12.298 min
Delta R.T.: -0.004 min
Response: 7299680
Conc: 40.36 ug/ml



#13 Pyrene (C20.8)

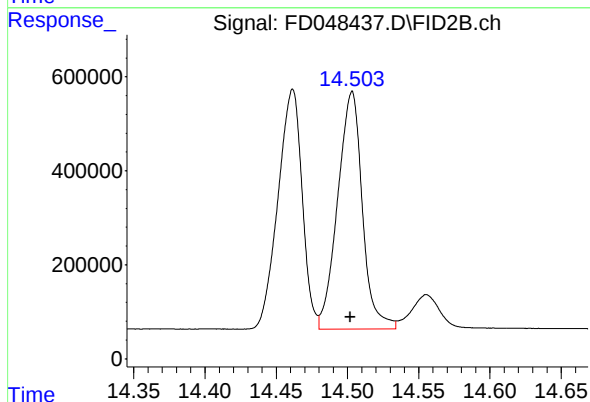
R.T.: 12.592 min
Delta R.T.: -0.002 min
Response: 6711873
Conc: 37.48 ug/ml

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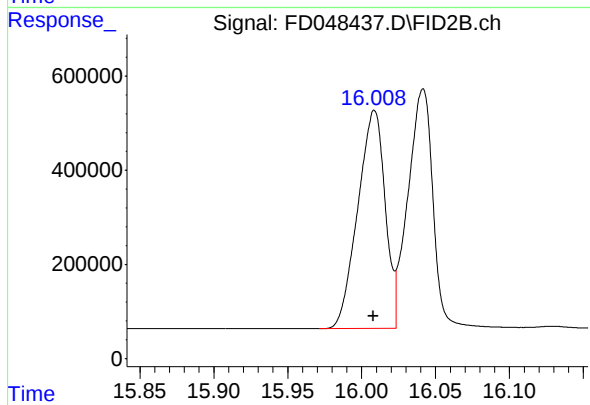
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.461 min
Delta R.T.: -0.003 min
Response: 6019155
Conc: 37.66 ug/ml



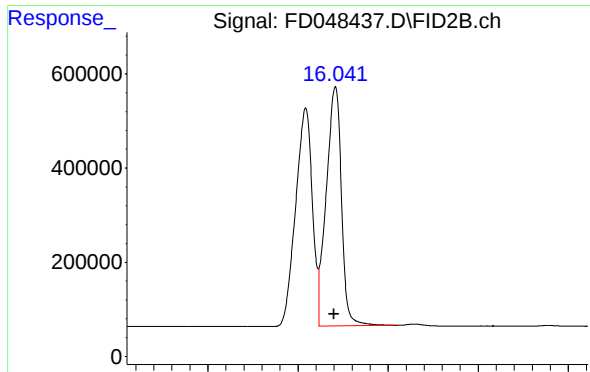
#15 Chrysene (C27.41)

R.T.: 14.503 min
Delta R.T.: 0.000 min
Response: 6094955
Conc: 32.68 ug/ml



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

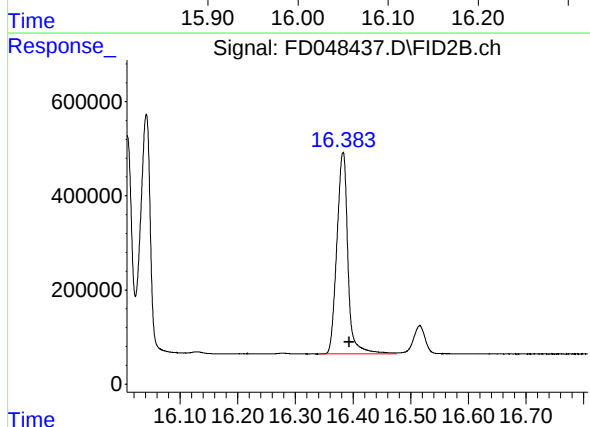
R.T.: 16.008 min
Delta R.T.: 0.000 min
Response: 5971797
Conc: 35.86 ug/ml



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

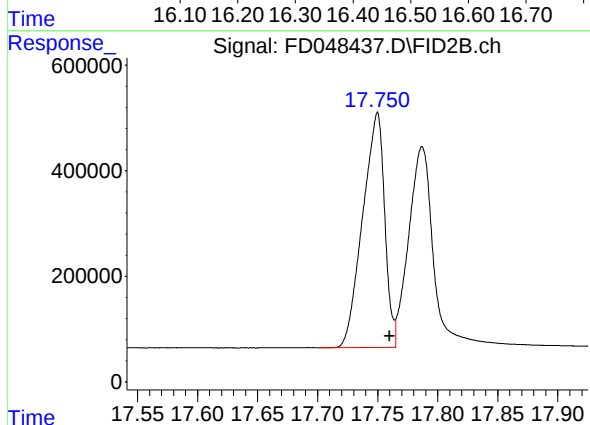
R.T.: 16.041 min
Delta R.T.: 0.000 min
Response: 5964851
Conc: 35.14 ug/ml

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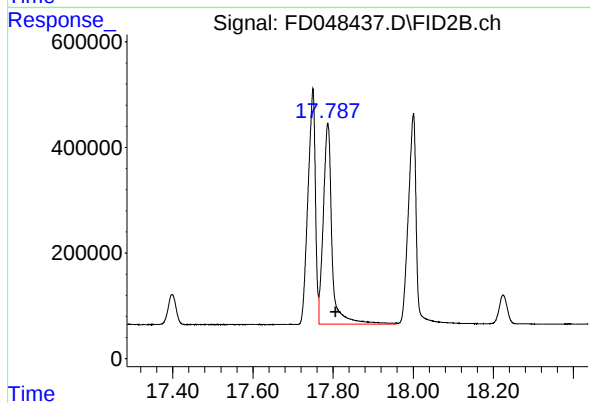
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.382 min
Delta R.T.: -0.011 min
Response: 5720843
Conc: 35.00 ug/ml



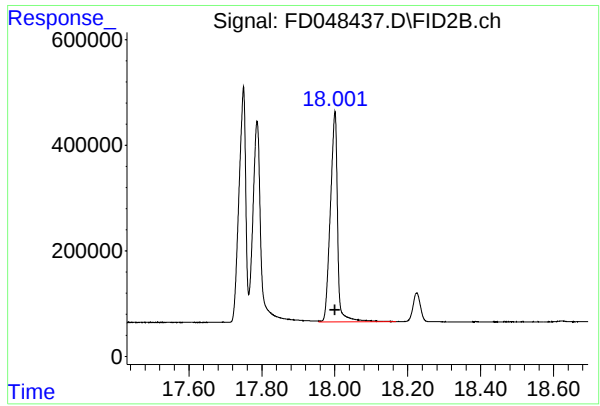
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: -0.011 min
Response: 5683772
Conc: 43.21 ug/ml



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

R.T.: 17.787 min
Delta R.T.: -0.020 min
Response: 5747800
Conc: 34.35 ug/ml



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

R.T.: 18.000 min

Delta R.T.: 0.000 min

Response: 5478913

Conc: 33.73 ug/ml

Instrument :

FID_D

ClientSampleId :

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