

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022725AR\
 Data File : FD049121.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2025 14:03
 Operator : YP/AJ
 Sample : Q1421-05
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P001-CLAY-CF01-01MS

Integration File: autoint1.e
 Quant Time: Feb 28 01:27:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 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...	7.352	7562187	52.842 ug/ml
Spiked Amount 50.000		Recovery =	105.68%
6) S 2-Fluorobiphenyl (SURR)	8.203	4724292	53.739 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.48%
11) S ortho-Terphenyl (SURR)	11.238	7326185	45.286 ug/ml
Spiked Amount 50.000		Recovery =	90.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	6576701	41.297 ug/ml
2) T Naphthalene (C11.7)	5.694	6945799	43.743 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	6668008	42.828 ug/ml
5) T Acenaphthylene (C15.06)	8.005	7237623	44.510 ug/ml
7) T Acenaphthene (C15.5)	8.300	7717519	46.913 ug/ml
8) T Fluorene (C16.55)	9.078	7323644	46.455 ug/ml
9) T Phenanthrene (C19.36)	10.466	7113700	47.204 ug/ml
10) T Anthracene (C19.43)	10.542	7082565	46.896 ug/ml
12) T Fluoranthene (C21.85)	12.270	7159819	46.397 ug/ml
13) T Pyrene (C20.8)	12.564	7060627	45.831 ug/ml
14) T Benzo[a]anthracene (C...	14.435	6445076	49.053 ug/ml
15) T Chrysene (C27.41)	14.476	6362968	39.354 ug/ml
16) T benzo[b]fluoranthene ...	15.985	6392023	46.456 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	6501603	41.164 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.359	6186282	45.576 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	5704377	52.201 ug/ml
20) T Dibenz[a,h]anthracene...	17.762	6408761	41.310 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	6190558	42.708 ug/ml

(f)=RT Delta > 1/2 Window

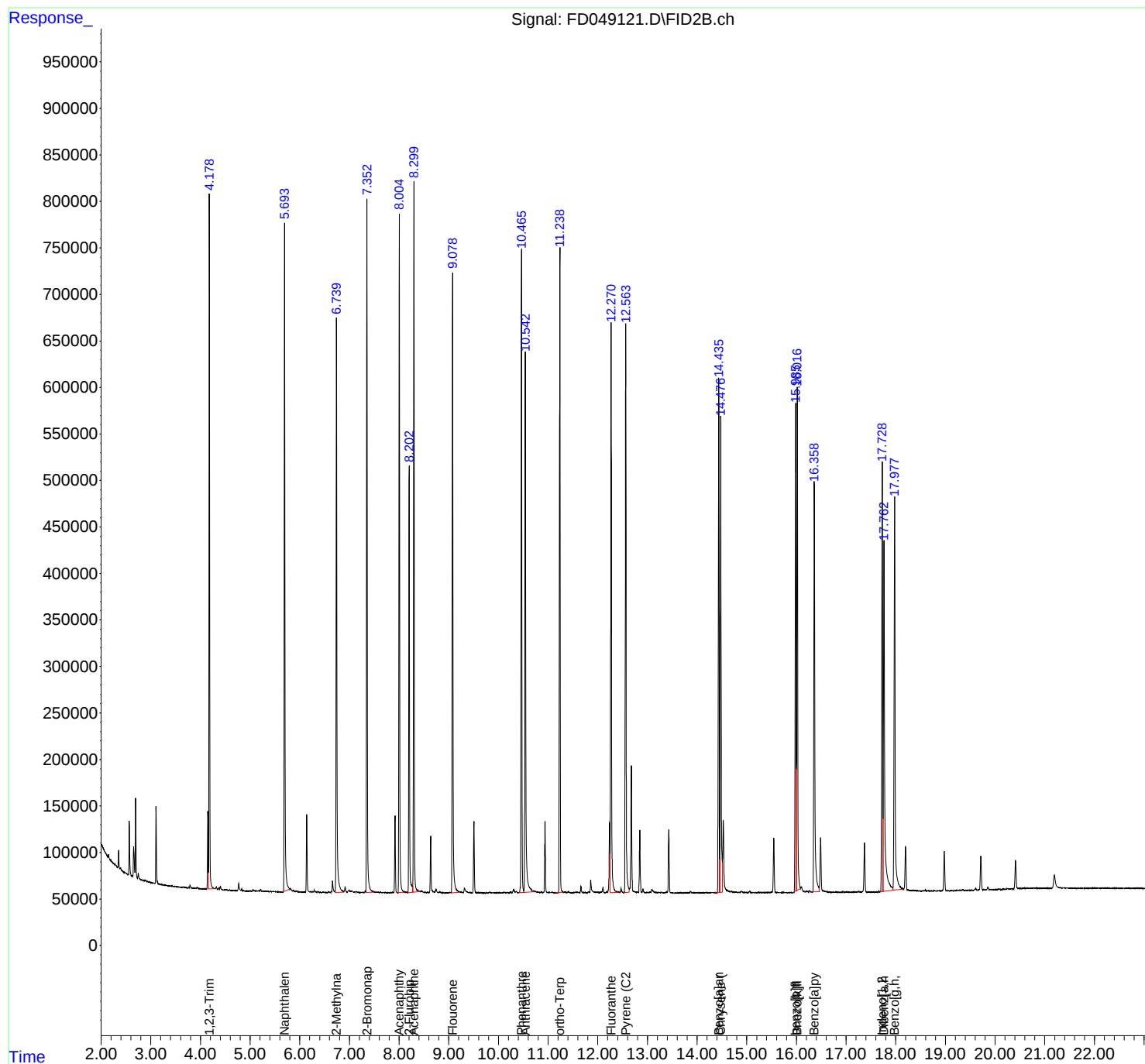
(m)=manual int.

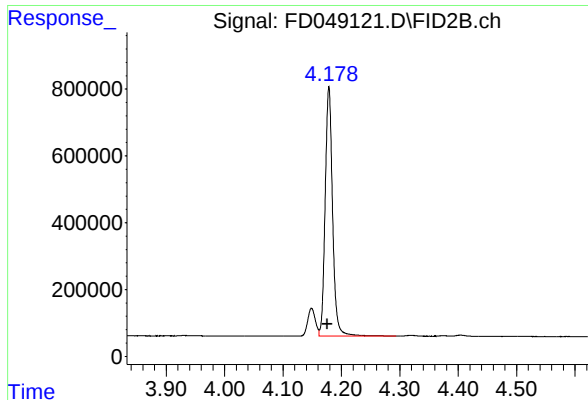
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Volume Inj. : 1 µl
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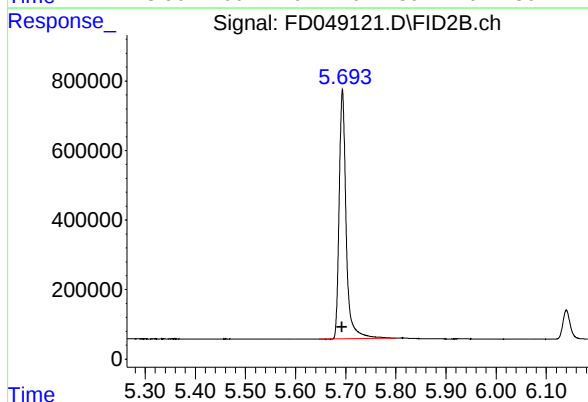




#1 1,2,3-Trimethylbenzene (C10.1)

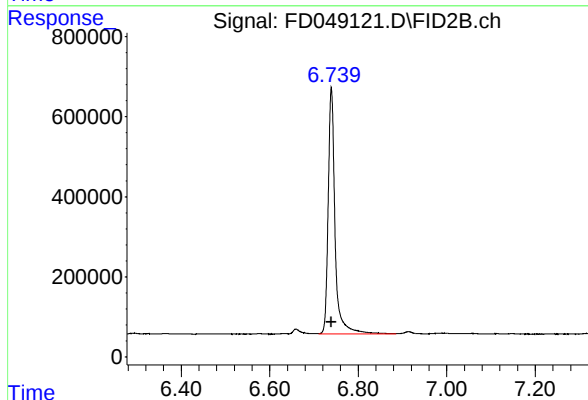
R.T.: 4.179 min
Delta R.T.: 0.003 min
Response: 6576701
Conc: 41.30 ug/ml

Instrument :
FID_D
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P001-CLAY-CF01-01MS



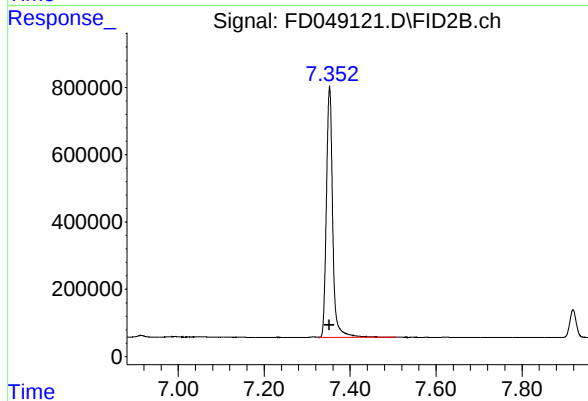
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 6945799
Conc: 43.74 ug/ml



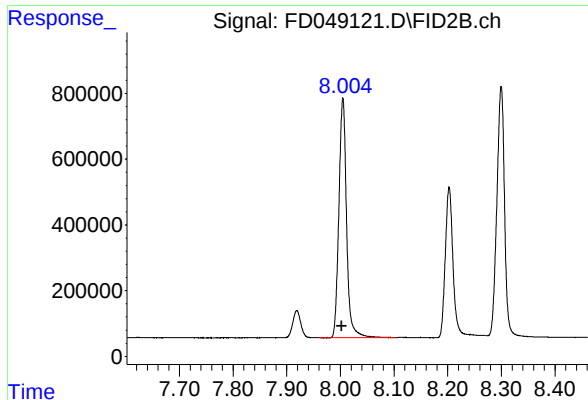
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 6668008
Conc: 42.83 ug/ml



#4 2-Bromonaphthalene (SURR)

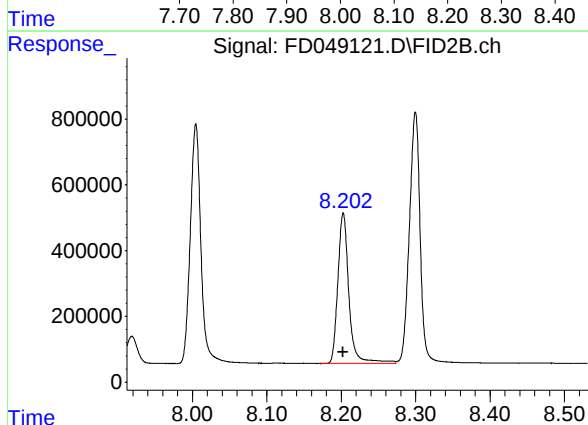
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 7562187
Conc: 52.84 ug/ml



#5 Acenaphthylene (C15.06)

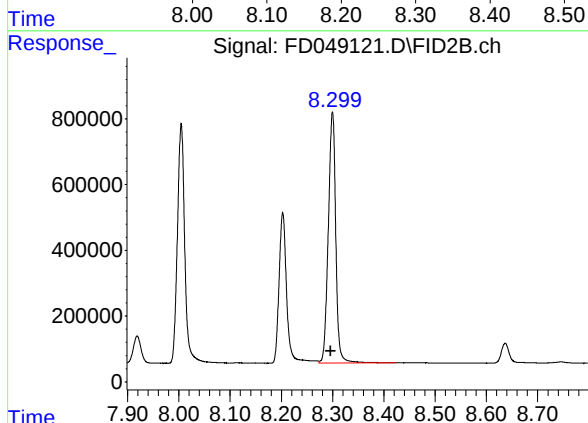
R.T.: 8.005 min
Delta R.T.: 0.002 min
Response: 7237623
Conc: 44.51 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CLAY-CF01-01MS



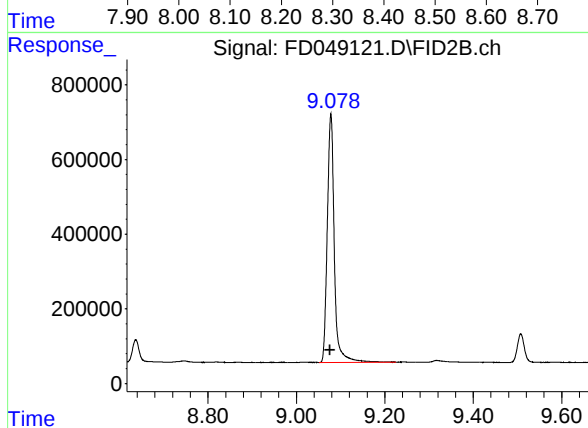
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 4724292
Conc: 53.74 ug/ml



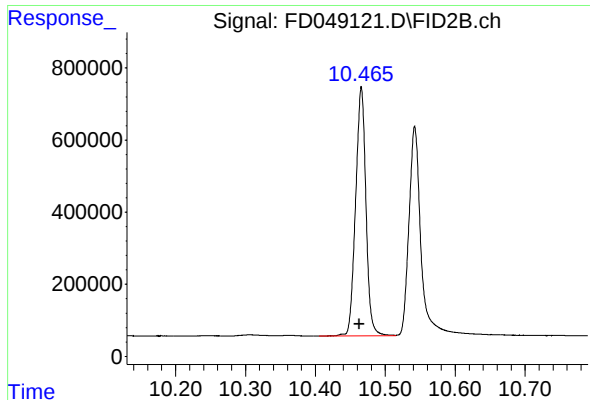
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: 0.004 min
Response: 7717519
Conc: 46.91 ug/ml



#8 Fluorene (C16.55)

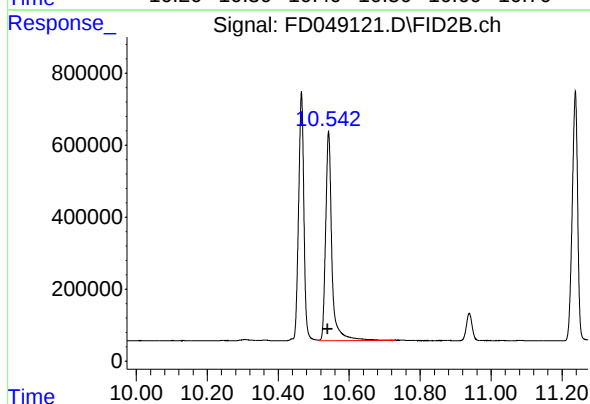
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 7323644
Conc: 46.46 ug/ml



#9 Phenanthrene (C19.36)

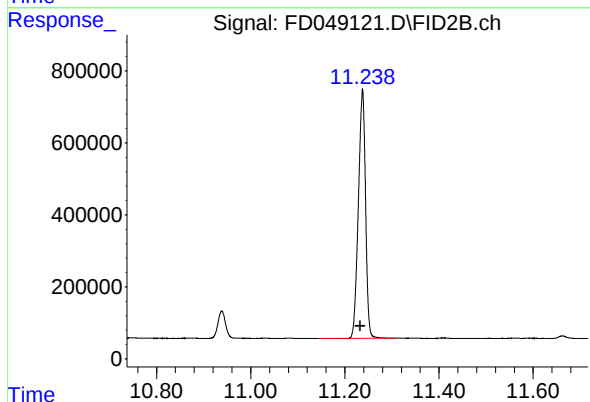
R.T.: 10.466 min
Delta R.T.: 0.003 min
Response: 7113700
Conc: 47.20 ug/ml

Instrument :
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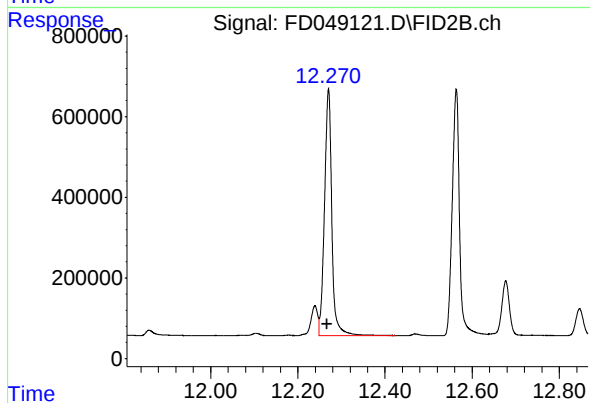
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: 0.003 min
Response: 7082565
Conc: 46.90 ug/ml



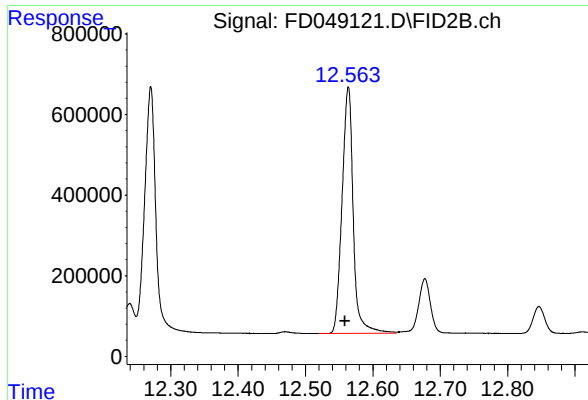
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: 0.004 min
Response: 7326185
Conc: 45.29 ug/ml



#12 Fluoranthene (C21.85)

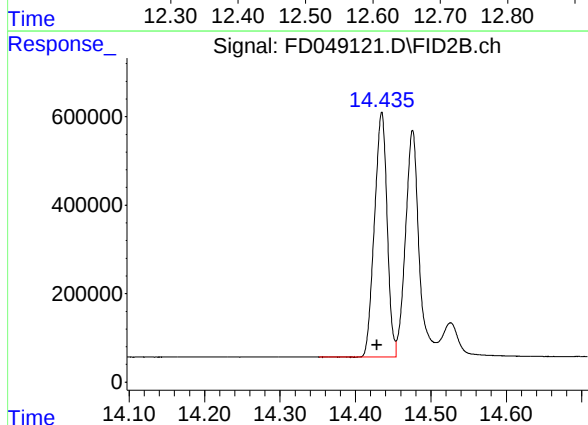
R.T.: 12.270 min
Delta R.T.: 0.003 min
Response: 7159819
Conc: 46.40 ug/ml



#13 Pyrene (C20.8)

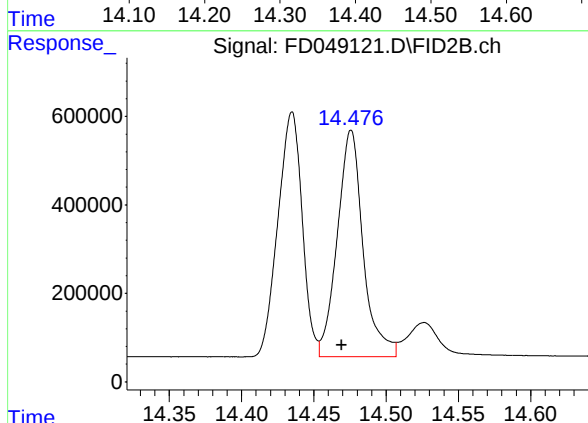
R.T.: 12.564 min
Delta R.T.: 0.005 min
Response: 7060627
Conc: 45.83 ug/ml

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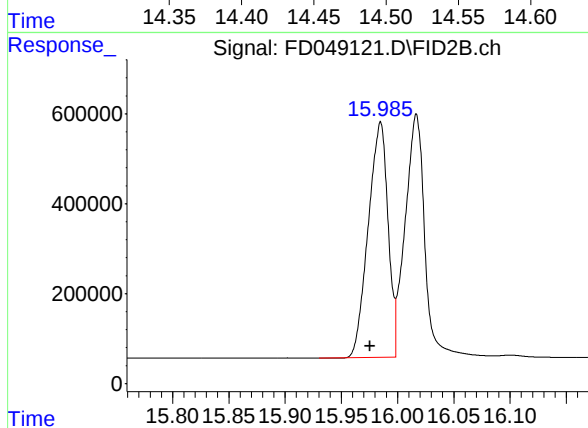
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.006 min
Response: 6445076
Conc: 49.05 ug/ml



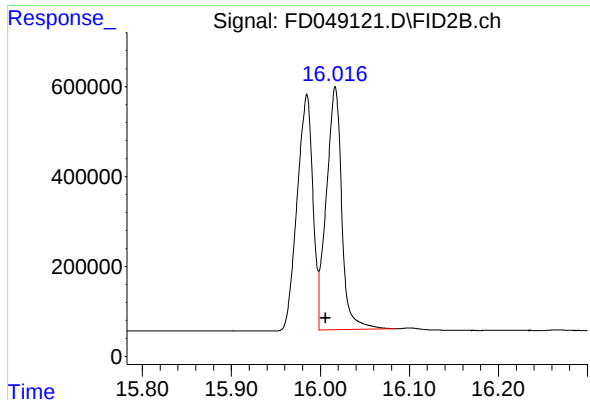
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.006 min
Response: 6362968
Conc: 39.35 ug/ml



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

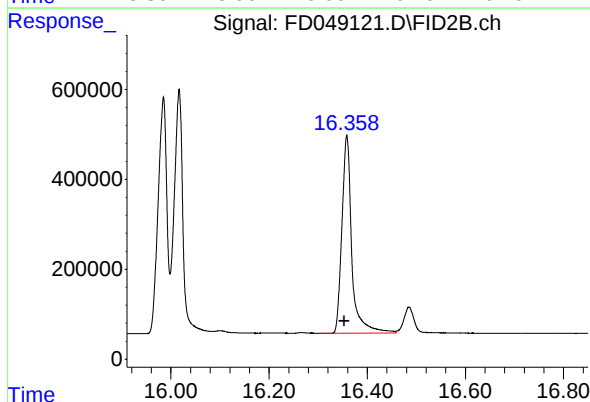
R.T.: 15.985 min
Delta R.T.: 0.009 min
Response: 6392023
Conc: 46.46 ug/ml



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

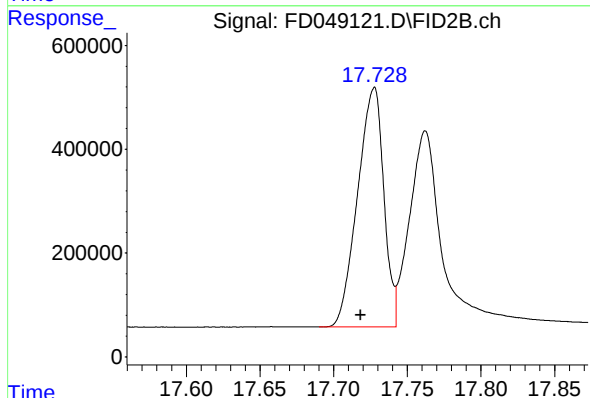
R.T.: 16.017 min
Delta R.T.: 0.011 min
Response: 6501603
Conc: 41.16 ug/ml

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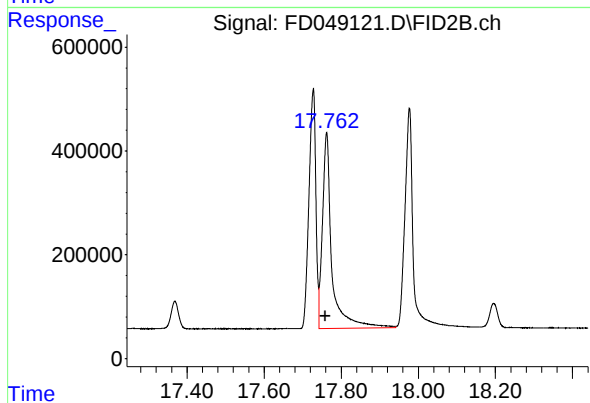
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.359 min
Delta R.T.: 0.005 min
Response: 6186282
Conc: 45.58 ug/ml



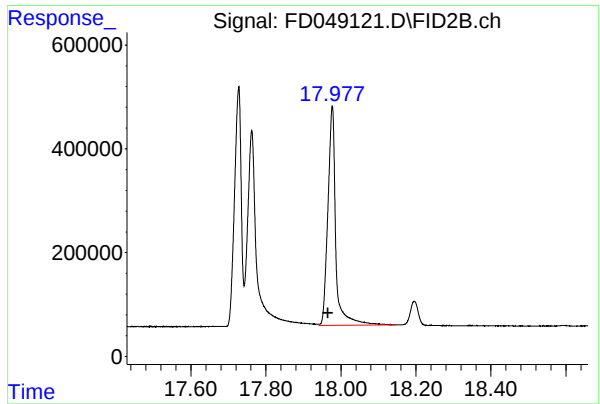
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.728 min
Delta R.T.: 0.009 min
Response: 5704377
Conc: 52.20 ug/ml



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

R.T.: 17.762 min
Delta R.T.: 0.003 min
Response: 6408761
Conc: 41.31 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.011 min
Response: 6190558
Conc: 42.71 ug/ml

Instrument :

FID_D

ClientSampleId :

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