

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049182.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 09:52
 Operator : YP/AJ
 Sample : PB167056BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB167056BSD

Integration File: autoint1.e
 Quant Time: Mar 11 14:05:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 10:50:40 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...	7.350	8458301	55.626 ug/ml
Spiked Amount 50.000		Recovery =	111.25%
6) S 2-Fluorobiphenyl (SURR)	8.200	5343847	67.093 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	134.19%#
11) S ortho-Terphenyl (SURR)	11.233	8139549	46.563 ug/ml
Spiked Amount 50.000		Recovery =	93.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	5763757	34.875 ug/ml
2) T Naphthalene (C11.7)	5.690	6389317	38.906 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	6120404	37.334 ug/ml
5) T Acenaphthylene (C15.06)	8.001	7105659	40.911 ug/ml
7) T Acenaphthene (C15.5)	8.296	7589266	40.544 ug/ml
8) T Flouorene (C16.55)	9.075	7717326	47.675 ug/ml
9) T Phenanthrene (C19.36)	10.462	7931639	50.426 ug/ml
10) T Anthracene (C19.43)	10.538	8117178	53.126 ug/ml
12) T Fluoranthene (C21.85)	12.268	8353351	51.759 ug/ml
13) T Pyrene (C20.8)	12.560	8283977	51.309 ug/ml
14) T Benzo[a]anthracene (C...	14.432	7620021	65.068 ug/ml
15) T Chrysene (C27.41)	14.473	7484643	47.916 ug/ml
16) T benzo[b]fluoranthene ...	15.982	7696177	58.785 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	8037450	49.668 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	7362720	53.457 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.724	6482720	66.568 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	7578260	65.102 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	7408141	59.878 ug/ml

(f)=RT Delta > 1/2 Window

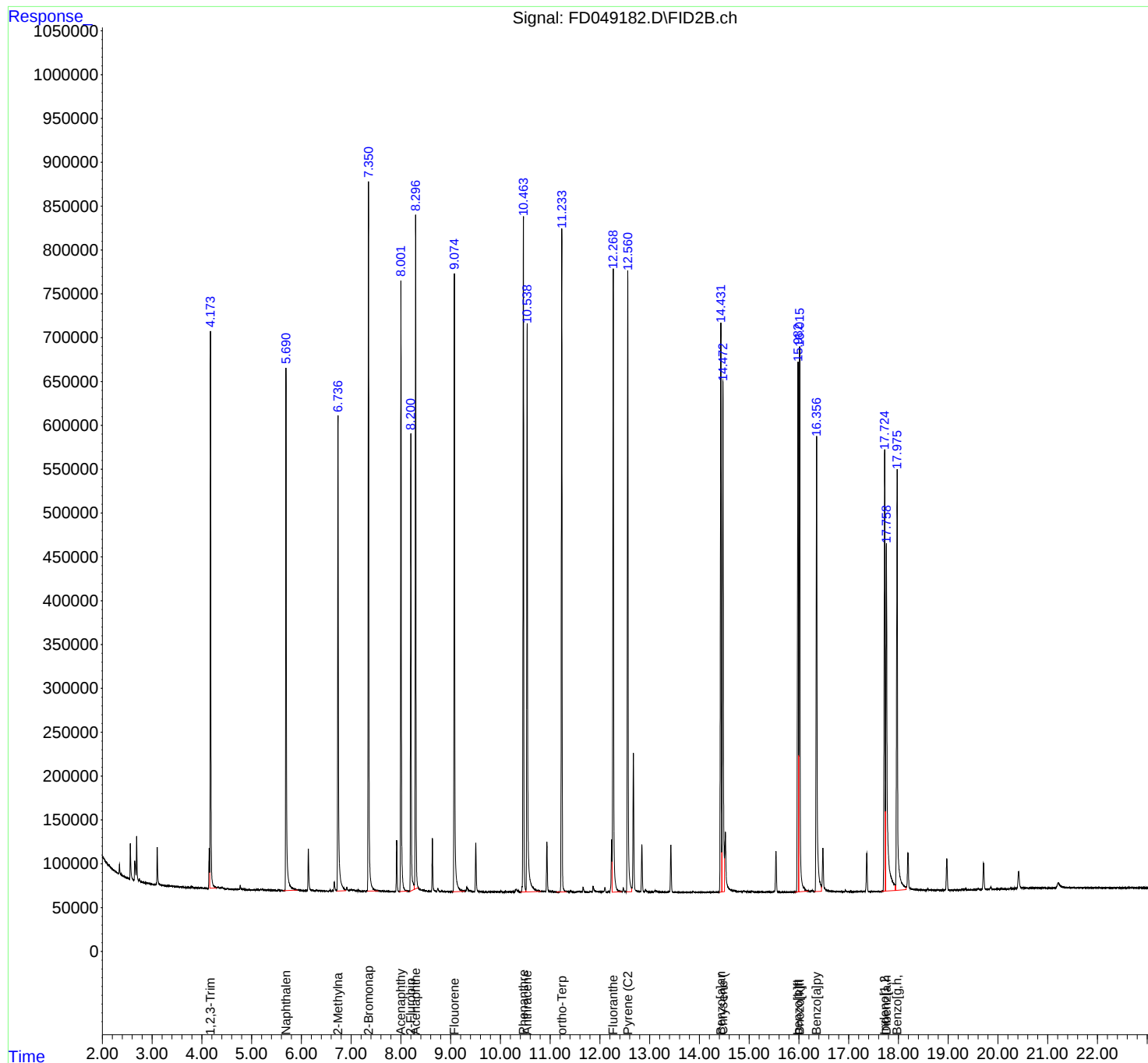
(m)=manual int.

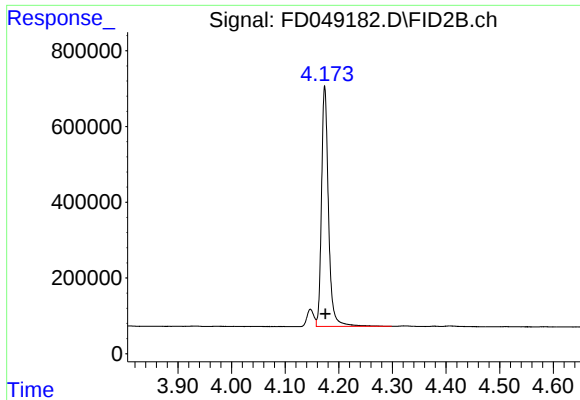
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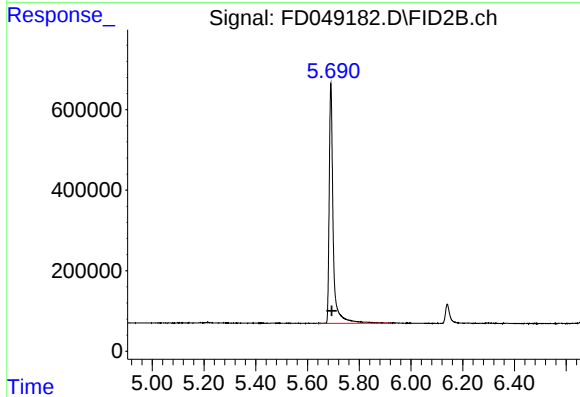




#1 1,2,3-Trimethylbenzene (C10.1)

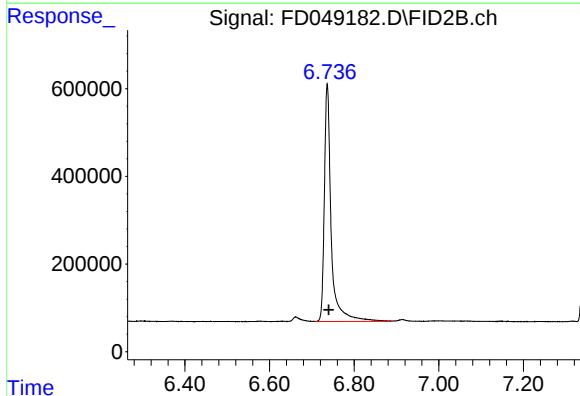
R.T.: 4.174 min
Delta R.T.: -0.001 min
Response: 5763757
Conc: 34.88 ug/ml

Instrument :
FID_D
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PB167056BSD



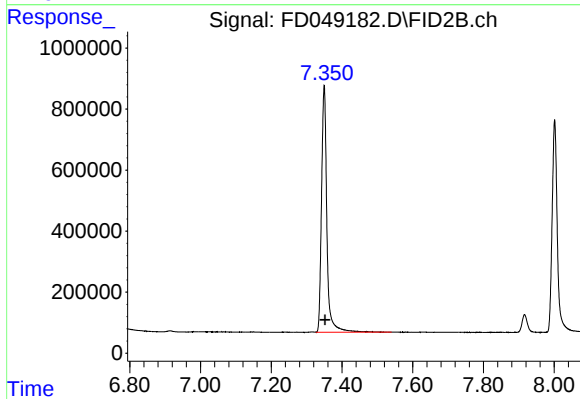
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 6389317
Conc: 38.91 ug/ml



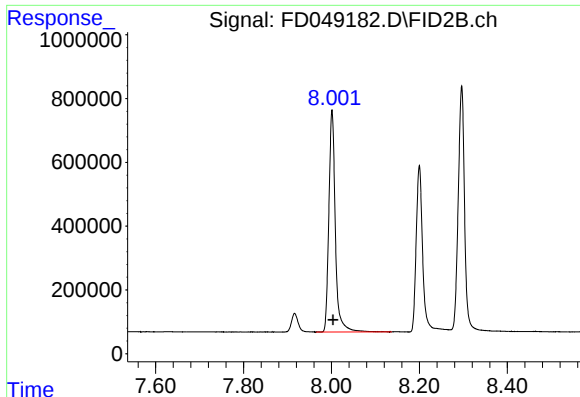
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.004 min
Response: 6120404
Conc: 37.33 ug/ml



#4 2-Bromonaphthalene (SURR)

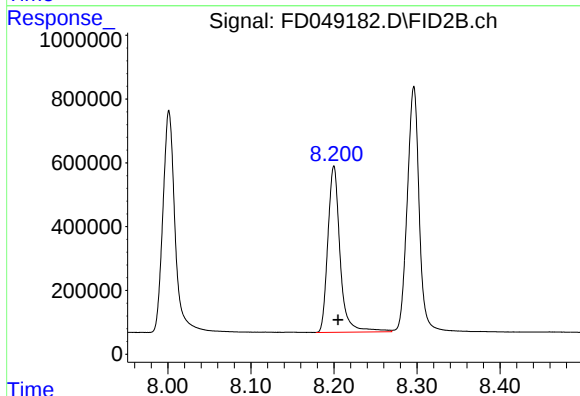
R.T.: 7.350 min
Delta R.T.: -0.003 min
Response: 8458301
Conc: 55.63 ug/ml



#5 Acenaphthylene (C15.06)

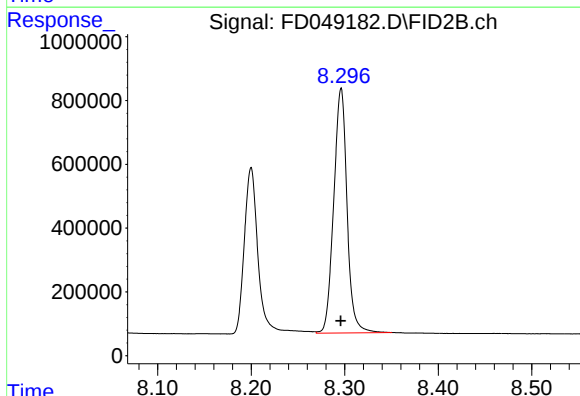
R.T.: 8.001 min
Delta R.T.: -0.002 min
Response: 7105659
Conc: 40.91 ug/ml

Instrument :
FID_D
ClientSampleId :
PB167056BSD



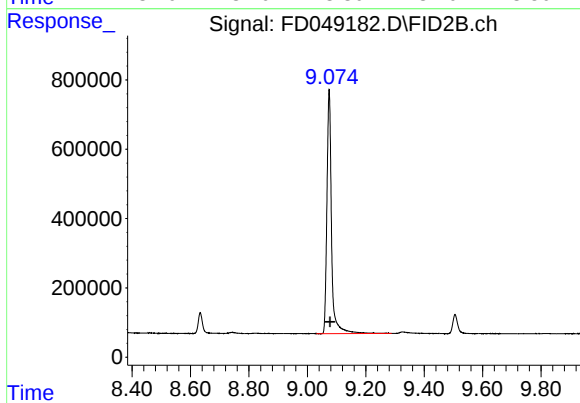
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.200 min
Delta R.T.: -0.005 min
Response: 5343847
Conc: 67.09 ug/ml



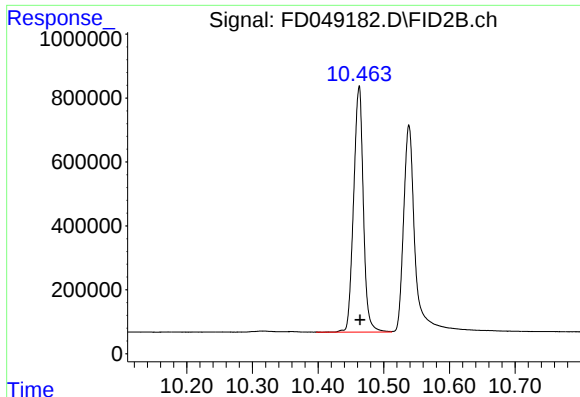
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 7589266
Conc: 40.54 ug/ml



#8 Flouorene (C16.55)

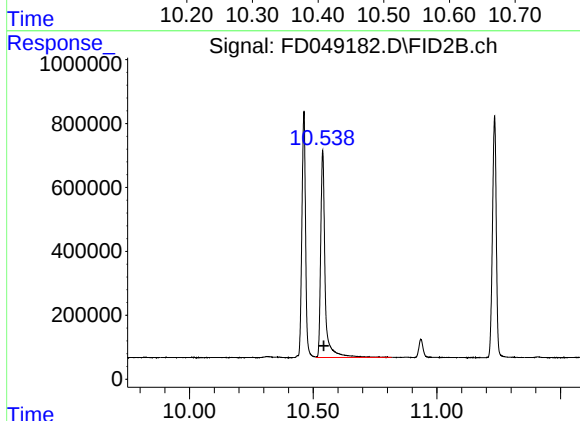
R.T.: 9.075 min
Delta R.T.: -0.003 min
Response: 7717326
Conc: 47.68 ug/ml



#9 Phenanthrene (C19.36)

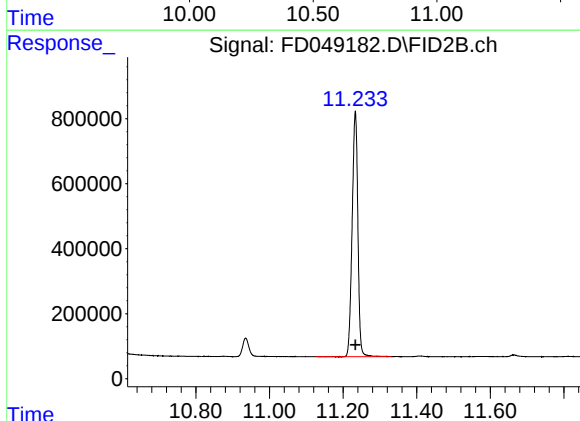
R.T.: 10.462 min
Delta R.T.: -0.001 min
Response: 7931639
Conc: 50.43 ug/ml

Instrument :
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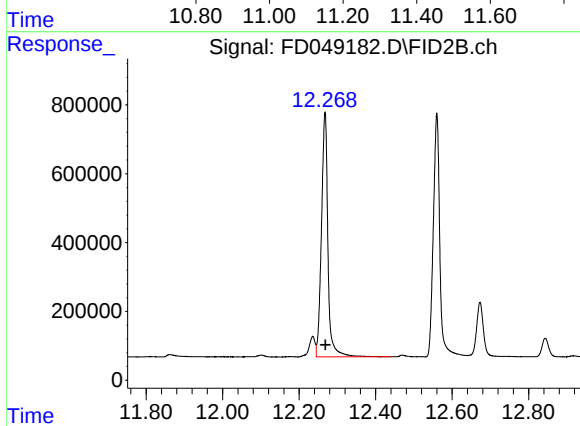
#10 Anthracene (C19.43)

R.T.: 10.538 min
Delta R.T.: -0.004 min
Response: 8117178
Conc: 53.13 ug/ml



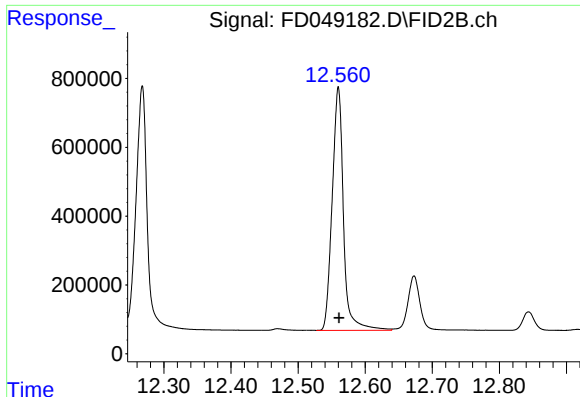
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 8139549
Conc: 46.56 ug/ml



#12 Fluoranthene (C21.85)

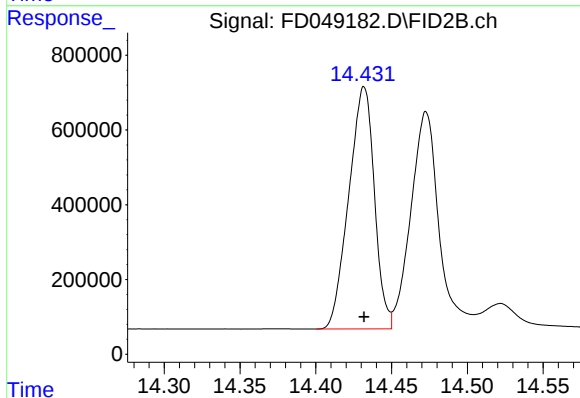
R.T.: 12.268 min
Delta R.T.: -0.002 min
Response: 8353351
Conc: 51.76 ug/ml



#13 Pyrene (C20.8)

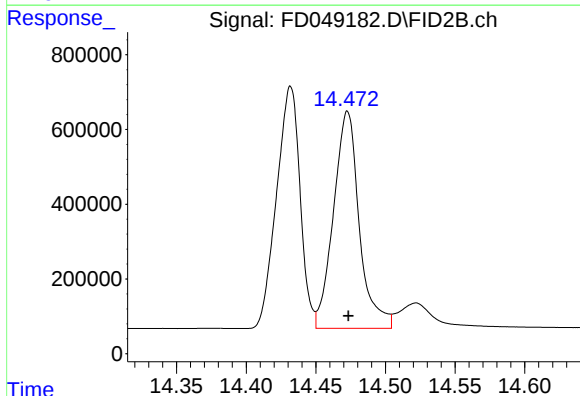
R.T.: 12.560 min
Delta R.T.: -0.001 min
Response: 8283977
Conc: 51.31 ug/ml

Instrument :
FID_D
ClientSampleId :
PB167056BSD



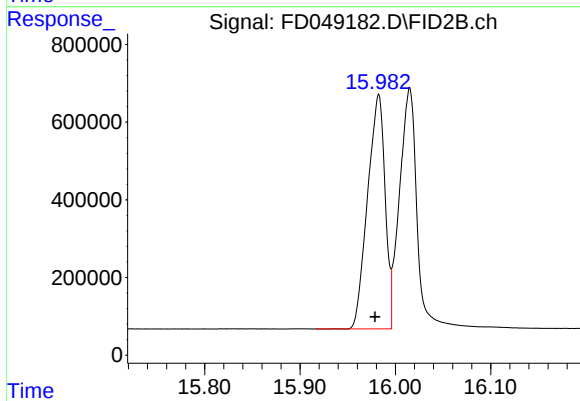
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: 0.000 min
Response: 7620021
Conc: 65.07 ug/ml



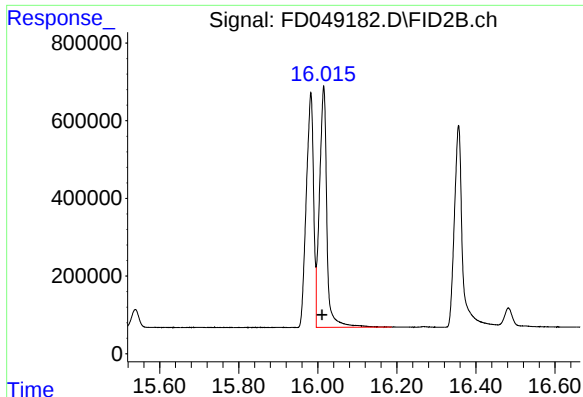
#15 Chrysene (C27.41)

R.T.: 14.473 min
Delta R.T.: 0.000 min
Response: 7484643
Conc: 47.92 ug/ml



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

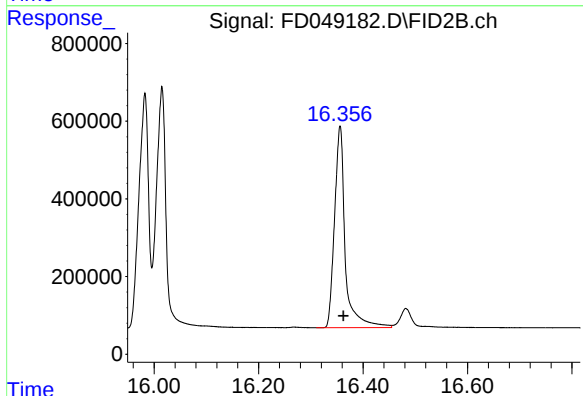
R.T.: 15.982 min
Delta R.T.: 0.004 min
Response: 7696177
Conc: 58.79 ug/ml



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

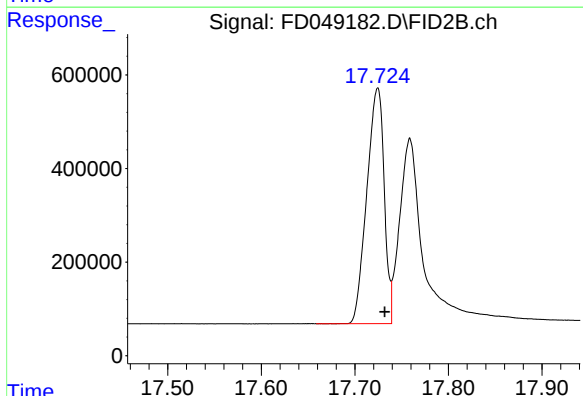
R.T.: 16.015 min
Delta R.T.: 0.004 min
Response: 8037450
Conc: 49.67 ug/ml

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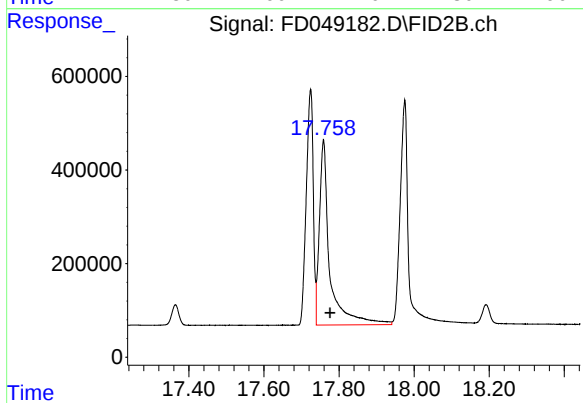
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min
Delta R.T.: -0.006 min
Response: 7362720
Conc: 53.46 ug/ml



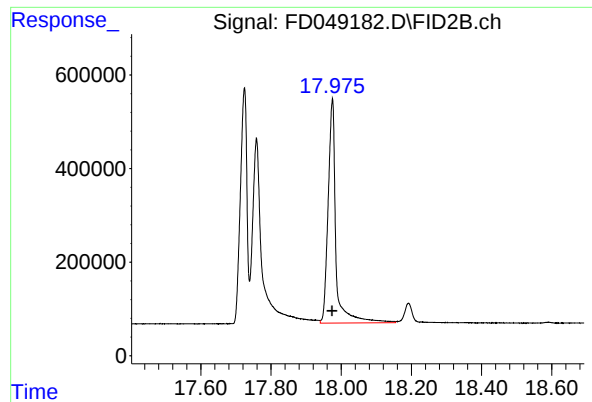
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.724 min
Delta R.T.: -0.007 min
Response: 6482720
Conc: 66.57 ug/ml



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

R.T.: 17.759 min
Delta R.T.: -0.017 min
Response: 7578260
Conc: 65.10 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.000 min
Response: 7408141
Conc: 59.88 ug/ml

Instrument :

FID_D

ClientSampleId :

PB167056BSD