

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022025AR\
 Data File : FD049094.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2025 16:00
 Operator : YP/AJ
 Sample : PB166803BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166803BSD

Integration File: autoint1.e
 Quant Time: Feb 21 00:23:47 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...	7.351	7908621	55.263 ug/ml
Spiked Amount 50.000		Recovery =	110.53%
6) S 2-Fluorobiphenyl (SURR)	8.202	5041820	57.351 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.70%
11) S ortho-Terphenyl (SURR)	11.236	7579063	46.850 ug/ml
Spiked Amount 50.000		Recovery =	93.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	5958895	37.418 ug/ml
2) T Naphthalene (C11.7)	5.692	6907268	43.500 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	6756117	43.394 ug/ml
5) T Acenaphthylene (C15.06)	8.004	7736978	47.581 ug/ml
7) T Acenaphthene (C15.5)	8.300	8202910	49.863 ug/ml
8) T Fluorene (C16.55)	9.078	8130711	51.575 ug/ml
9) T Phenanthrene (C19.36)	10.465	8166060	54.187 ug/ml
10) T Anthracene (C19.43)	10.541	8288679	54.882 ug/ml
12) T Fluoranthene (C21.85)	12.271	8386114	54.344 ug/ml
13) T Pyrene (C20.8)	12.564	8205755	53.264 ug/ml
14) T Benzo[a]anthracene (C...	14.435	7763005	59.084 ug/ml
15) T Chrysene (C27.41)	14.476	7682108	47.512 ug/ml
16) T benzo[b]fluoranthene ...	15.984	7714927	56.070 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	7841143	49.646 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.360	7462930	54.981 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	7213472	66.011 ug/ml
20) T Dibenz[a,h]anthracene...	17.763	7623218	49.138 ug/ml
21) T Benzo[g,h,i]perylene ...	17.980	7479288	51.599 ug/ml

(f)=RT Delta > 1/2 Window

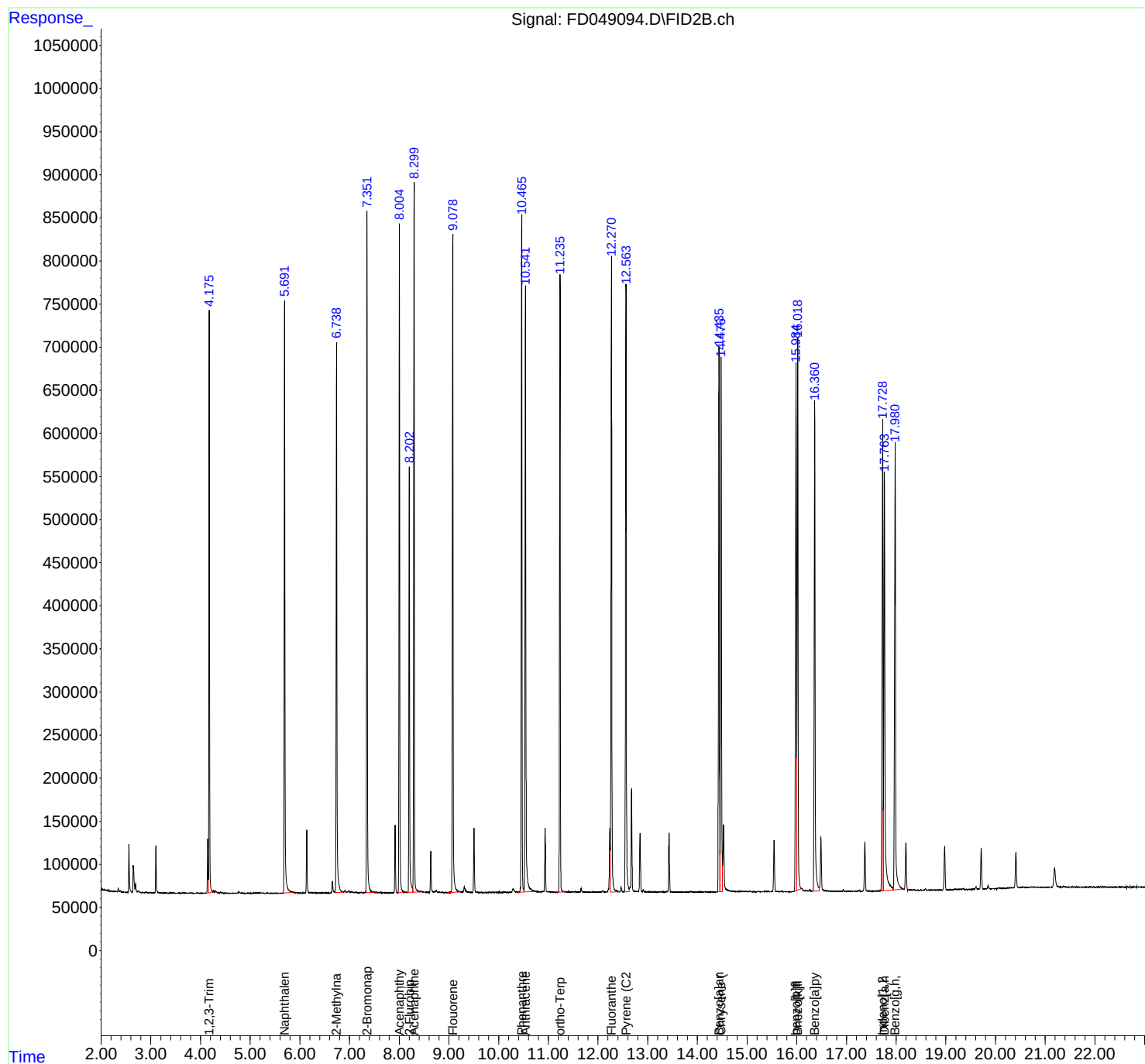
(m)=manual int.

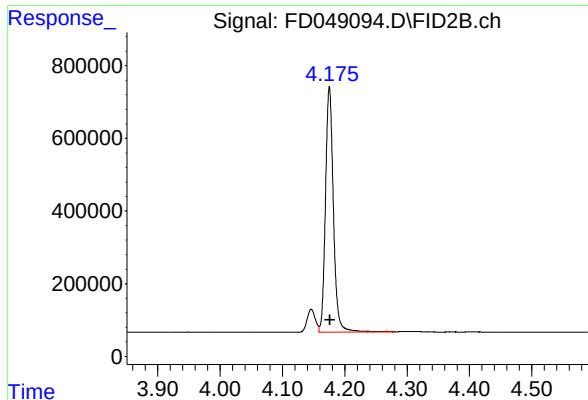
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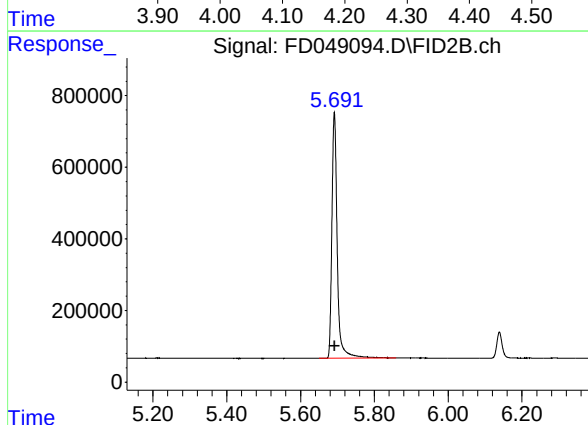




#1 1,2,3-Trimethylbenzene (C10.1)

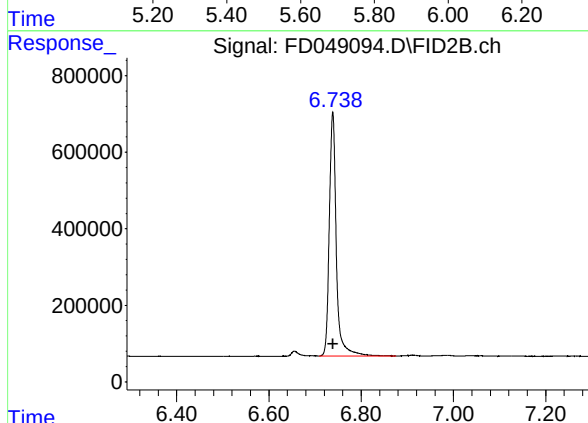
R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 5958895
Conc: 37.42 ug/ml

Instrument :
FID_D
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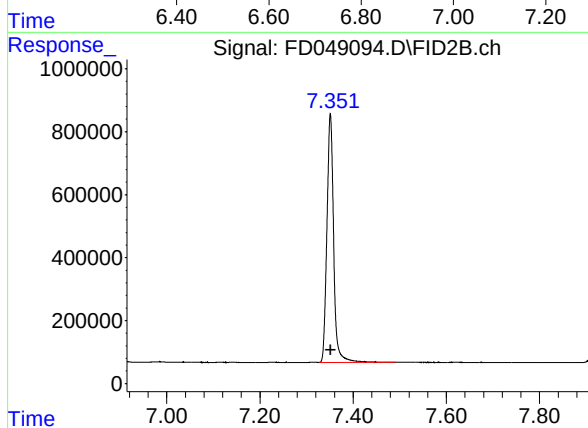
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 6907268
Conc: 43.50 ug/ml



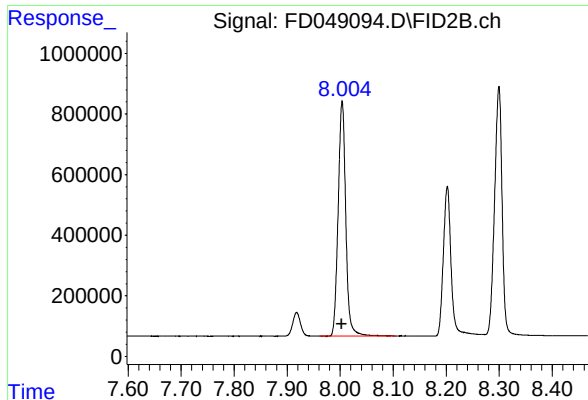
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 6756117
Conc: 43.39 ug/ml



#4 2-Bromonaphthalene (SURR)

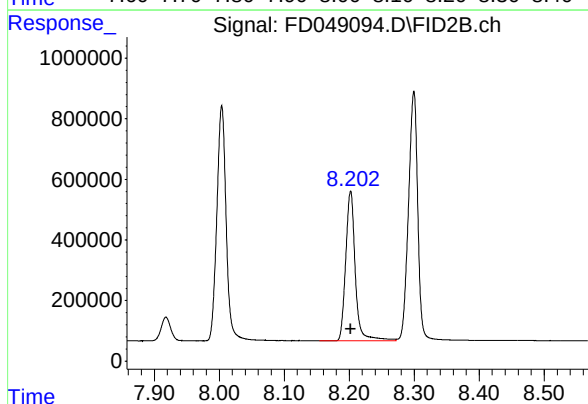
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 7908621
Conc: 55.26 ug/ml



#5 Acenaphthylene (C15.06)

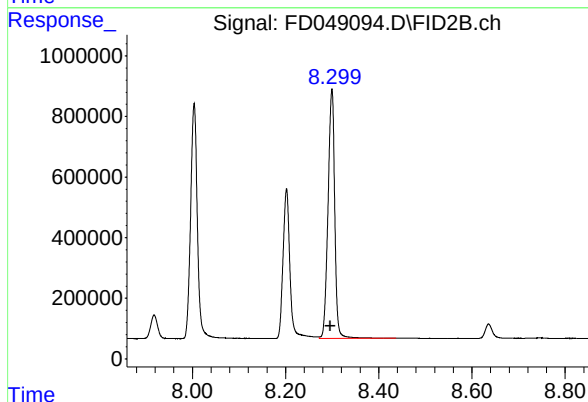
R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 7736978
Conc: 47.58 ug/ml

Instrument :
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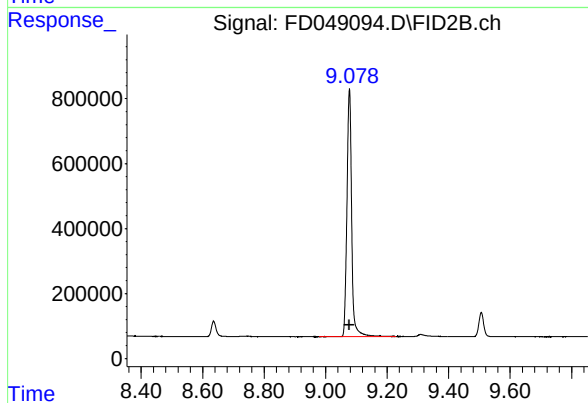
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 5041820
Conc: 57.35 ug/ml



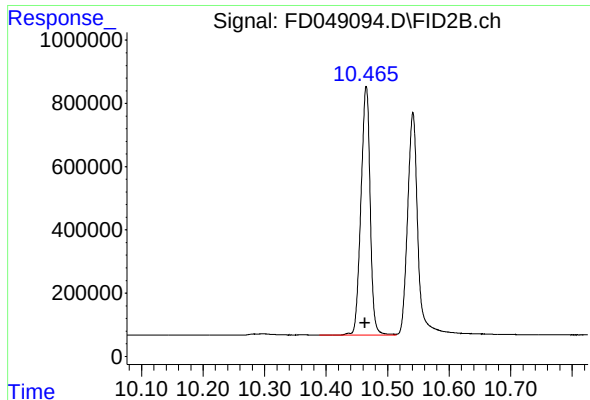
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: 0.003 min
Response: 8202910
Conc: 49.86 ug/ml



#8 Flouorene (C16.55)

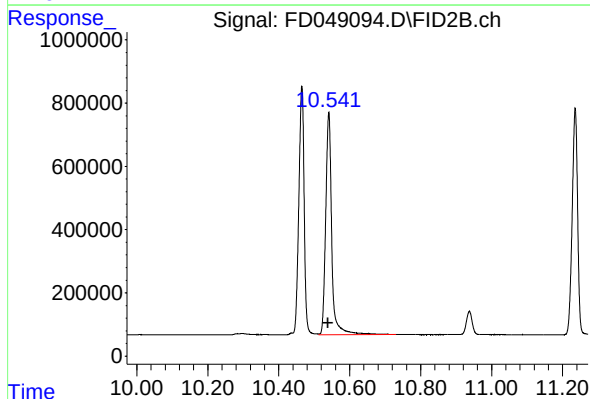
R.T.: 9.078 min
Delta R.T.: 0.001 min
Response: 8130711
Conc: 51.57 ug/ml



#9 Phenanthrene (C19.36)

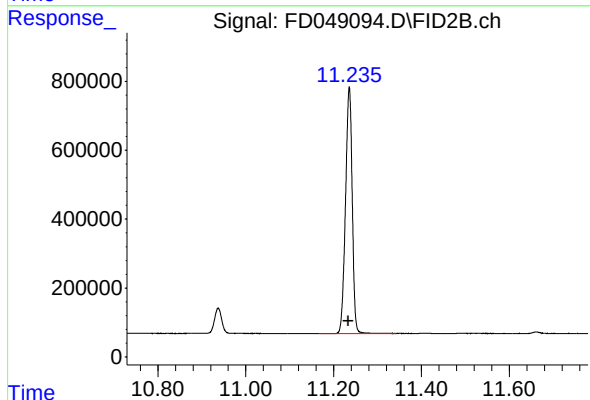
R.T.: 10.465 min
Delta R.T.: 0.002 min
Response: 8166060
Conc: 54.19 ug/ml

Instrument :
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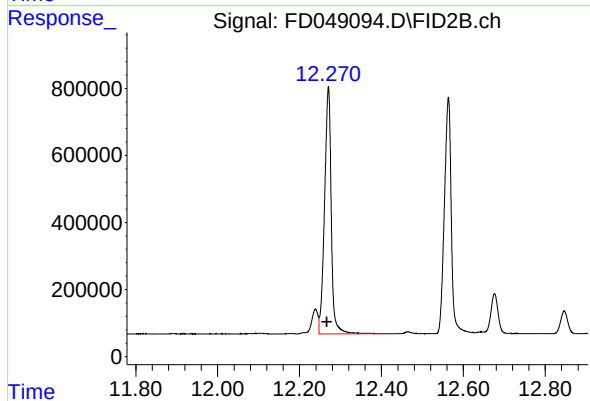
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: 0.002 min
Response: 8288679
Conc: 54.88 ug/ml



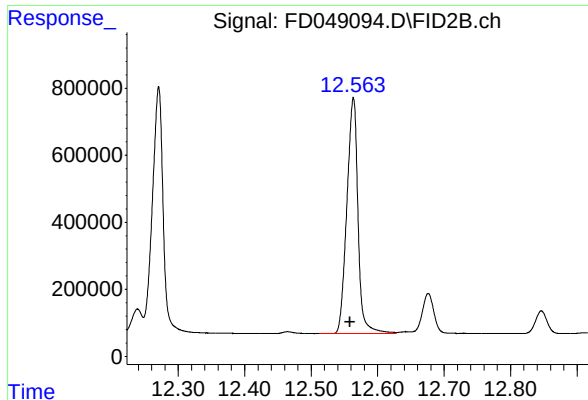
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: 0.002 min
Response: 7579063
Conc: 46.85 ug/ml



#12 Fluoranthene (C21.85)

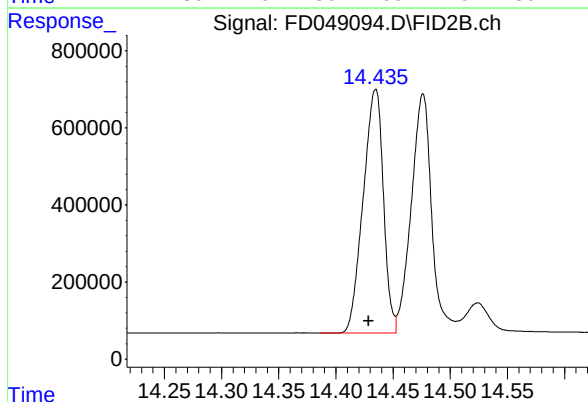
R.T.: 12.271 min
Delta R.T.: 0.004 min
Response: 8386114
Conc: 54.34 ug/ml



#13 Pyrene (C20.8)

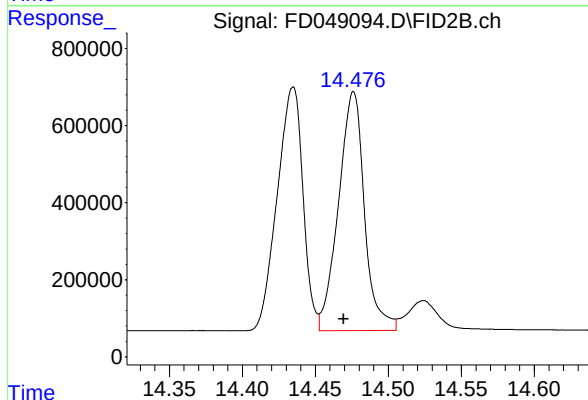
R.T.: 12.564 min
Delta R.T.: 0.005 min
Response: 8205755
Conc: 53.26 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166803BSD



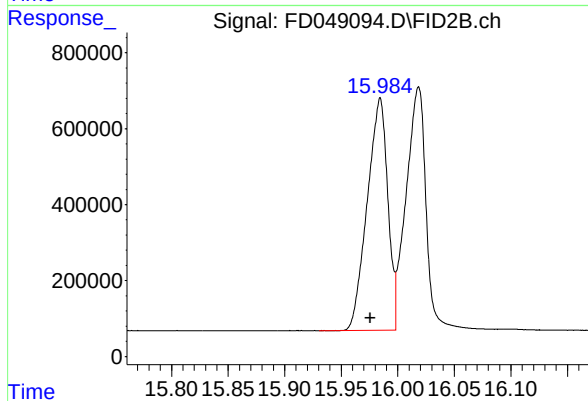
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.006 min
Response: 7763005
Conc: 59.08 ug/ml



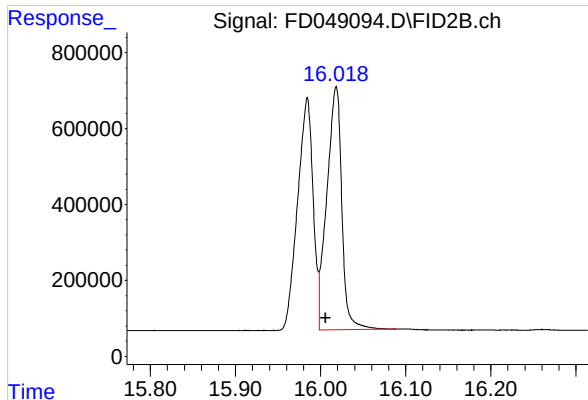
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.007 min
Response: 7682108
Conc: 47.51 ug/ml



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

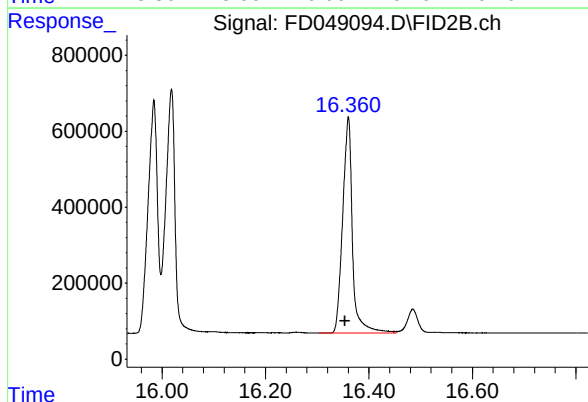
R.T.: 15.984 min
Delta R.T.: 0.009 min
Response: 7714927
Conc: 56.07 ug/ml



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

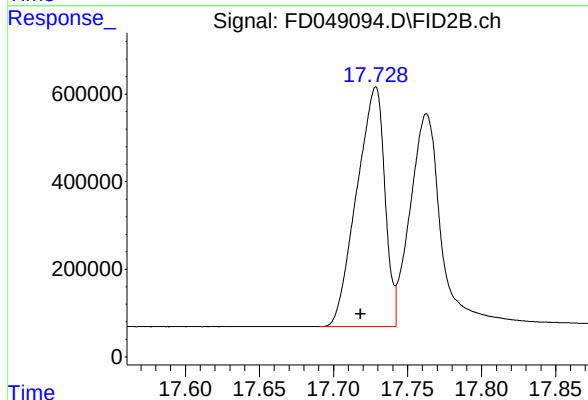
R.T.: 16.018 min
Delta R.T.: 0.012 min
Response: 7841143
Conc: 49.65 ug/ml

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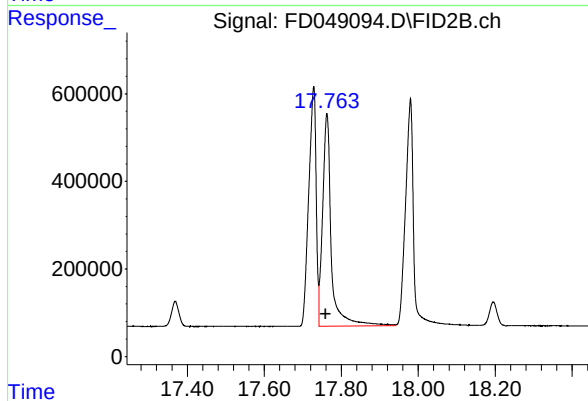
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.360 min
Delta R.T.: 0.007 min
Response: 7462930
Conc: 54.98 ug/ml



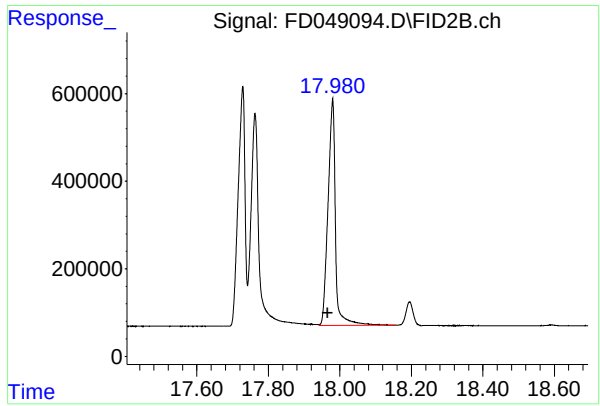
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.728 min
Delta R.T.: 0.010 min
Response: 7213472
Conc: 66.01 ug/ml



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

R.T.: 17.763 min
Delta R.T.: 0.004 min
Response: 7623218
Conc: 49.14 ug/ml



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

R.T.: 17.980 min
Delta R.T.: 0.014 min
Response: 7479288
Conc: 51.60 ug/ml

Instrument :

FID_D

ClientSampleId :

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