

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032625AR\
 Data File : FD049196.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2025 13:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STDI CV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STDI CV

Integration File: autoint1.e
 Quant Time: Mar 26 14:40:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 14:39:20 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...	7.327	3657096	20.019 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
6) S 2-Fluorobiphenyl (SURR)	8.178	2018356	20.994 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.99%
11) S ortho-Terphenyl (SURR)	11.205	4190276	20.214 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	3930268	20.222 ug/ml
2) T Naphthalene (C11.7)	5.668	4071833	20.417 ug/ml
3) T 2-Methylnaphthalene (...)	6.714	3983982	20.429 ug/ml
5) T Acenaphthylene (C15.06)	7.977	4202399	20.086 ug/ml
7) T Acenaphthene (C15.5)	8.269	4199617	19.910 ug/ml
8) T Fluorene (C16.55)	9.050	3919456	20.199 ug/ml
9) T Phenanthrene (C19.36)	10.436	3865176	20.507 ug/ml
10) T Anthracene (C19.43)	10.514	3892431	20.681 ug/ml
12) T Fluoranthene (C21.85)	12.240	3974321	20.437 ug/ml
13) T Pyrene (C20.8)	12.531	4058048	20.768 ug/ml
14) T Benzo[a]anthracene (C...	14.401	3332451	21.904 ug/ml
15) T Chrysene (C27.41)	14.442	4020212	19.701 ug/ml
16) T benzo[b]fluoranthene ...	15.948	3490325	21.864 ug/ml
17) T Bnezo[k]fluoranthene ...	15.979	4055135	19.514 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.330	3183212	20.327 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.700	2190336	19.523 ug/ml
20) T Dibenz[a,h]anthracene...	17.746	3398709	23.896 ug/ml
21) T Benzo[g,h,i]perylene ...	17.942	3464103	21.759 ug/ml

(f)=RT Delta > 1/2 Window

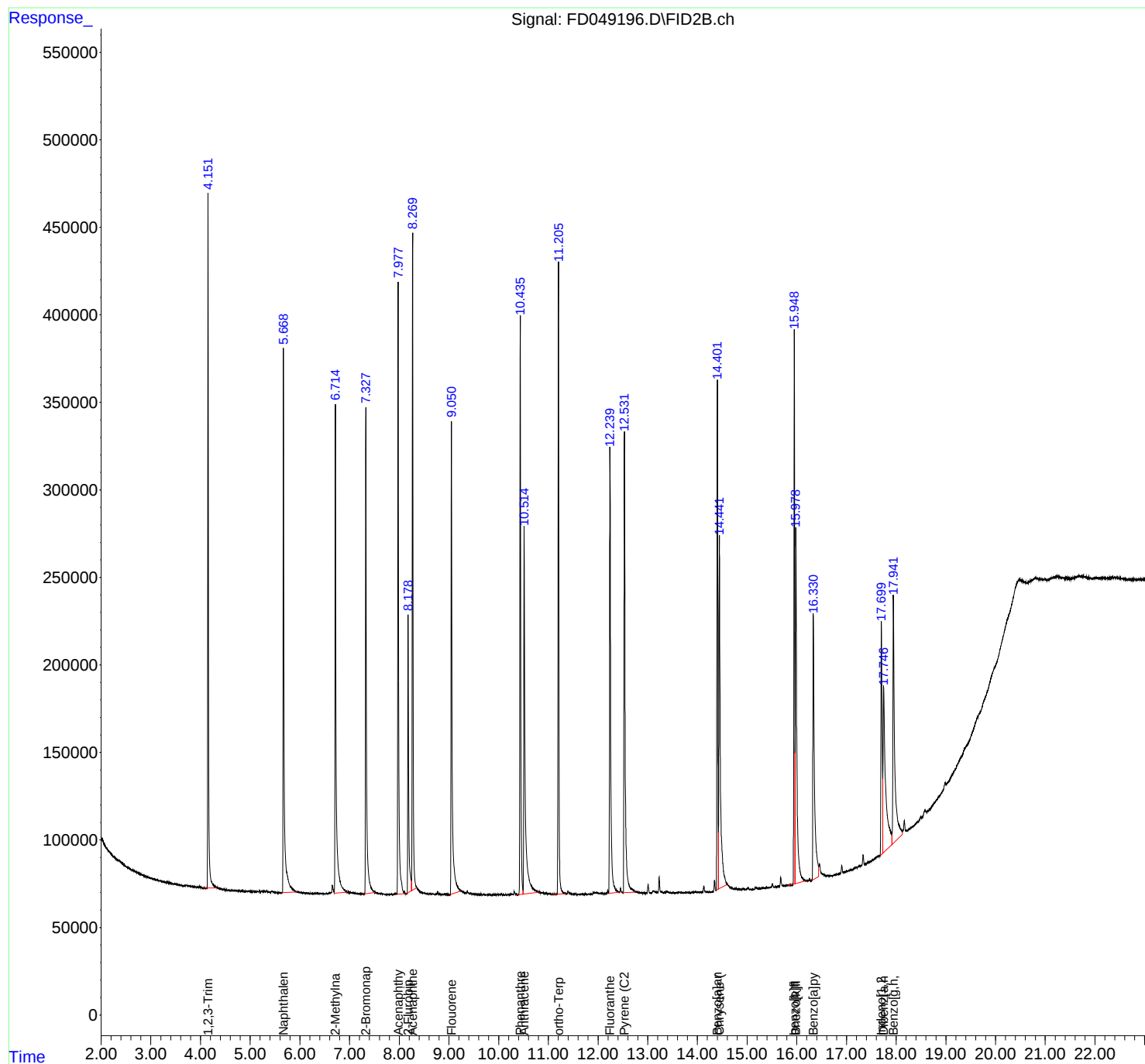
(m)=manual int.

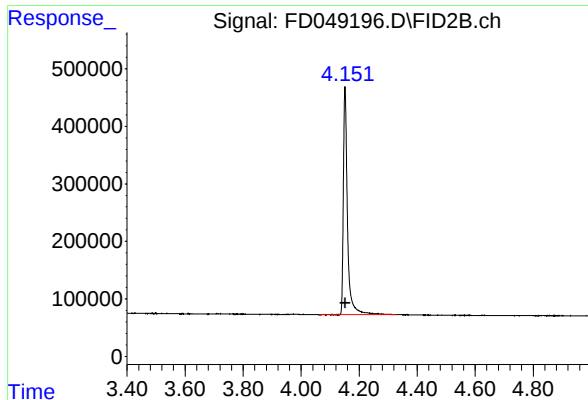
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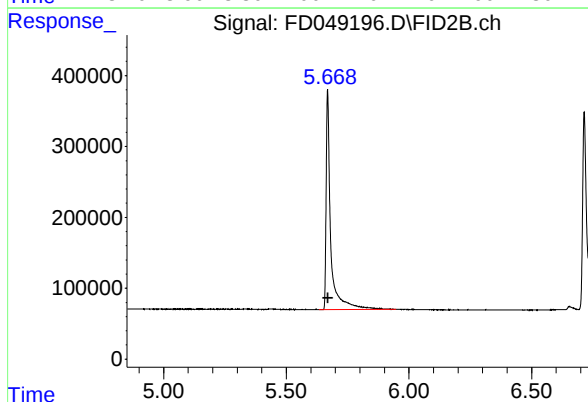




#1 1,2,3-Trimethylbenzene (C10.1)

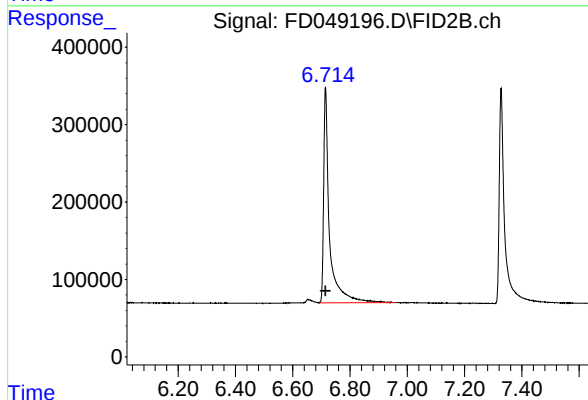
R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 3930268
Conc: 20.22 ug/ml

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20 PPM AROMATIC HC STDI CV



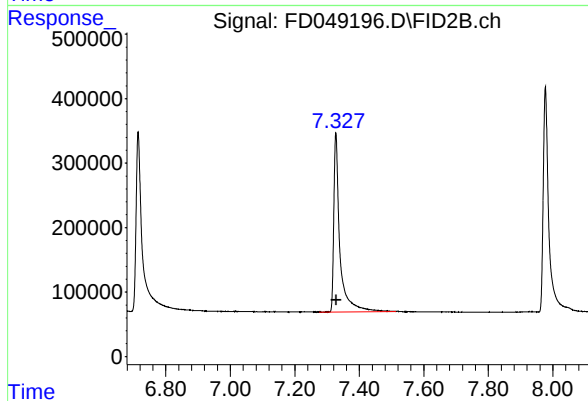
#2 Naphthalene (C11.7)

R.T.: 5.668 min
Delta R.T.: -0.001 min
Response: 4071833
Conc: 20.42 ug/ml



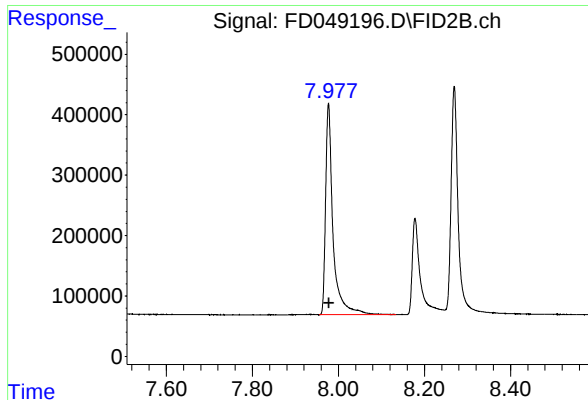
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 3983982
Conc: 20.43 ug/ml



#4 2-Bromonaphthalene (SURR)

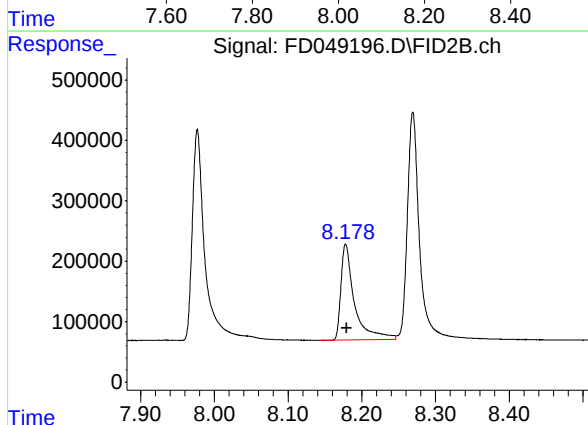
R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 3657096
Conc: 20.02 ug/ml



#5 Acenaphthylene (C15.06)

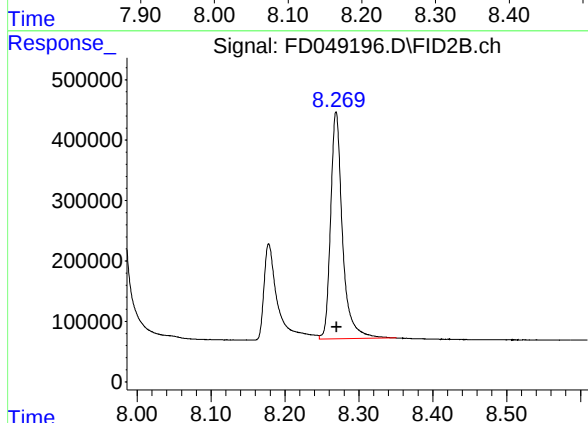
R.T.: 7.977 min
Delta R.T.: -0.001 min
Response: 4202399
Conc: 20.09 ug/ml

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20 PPM AROMATIC HC STDI CV



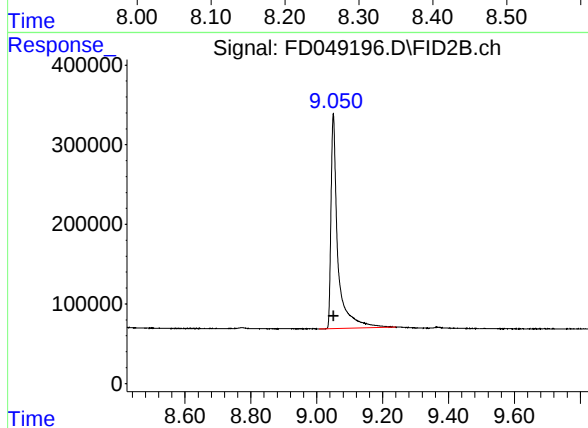
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.178 min
Delta R.T.: -0.001 min
Response: 2018356
Conc: 20.99 ug/ml



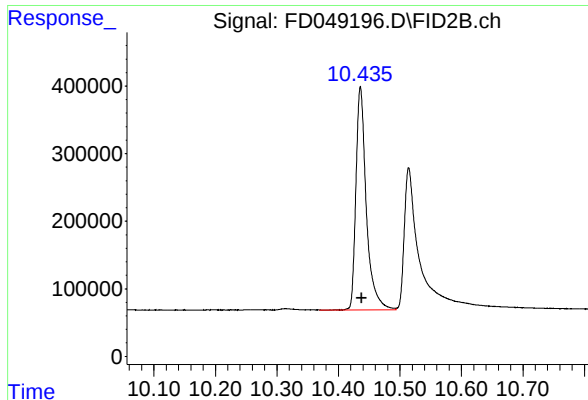
#7 Acenaphthene (C15.5)

R.T.: 8.269 min
Delta R.T.: 0.000 min
Response: 4199617
Conc: 19.91 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.050 min
Delta R.T.: -0.001 min
Response: 3919456
Conc: 20.20 ug/ml



#9 Phenanthrene (C19.36)

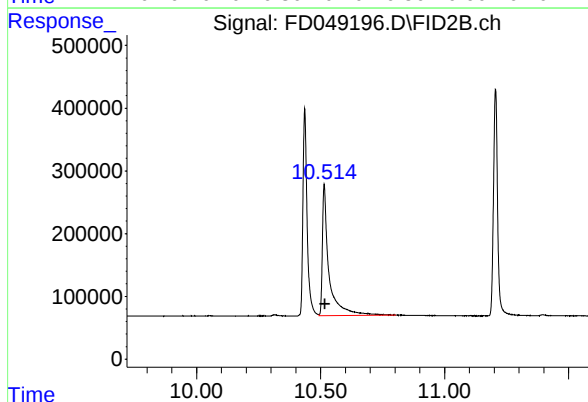
R.T.: 10.436 min
Delta R.T.: -0.002 min
Response: 3865176
Conc: 20.51 ug/ml

Instrument :

FID_D

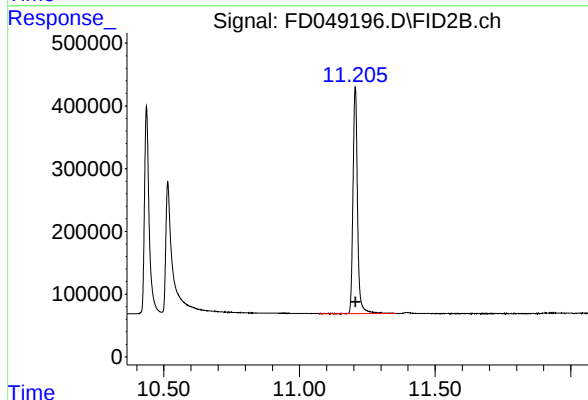
ClientSampleId :

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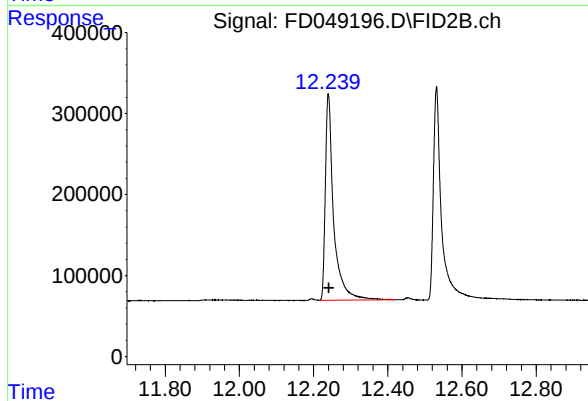
#10 Anthracene (C19.43)

R.T.: 10.514 min
Delta R.T.: -0.002 min
Response: 3892431
Conc: 20.68 ug/ml



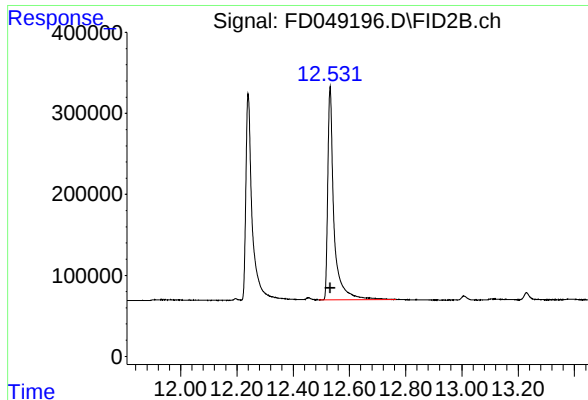
#11 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.001 min
Response: 4190276
Conc: 20.21 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.240 min
Delta R.T.: -0.002 min
Response: 3974321
Conc: 20.44 ug/ml



#13 Pyrene (C20.8)

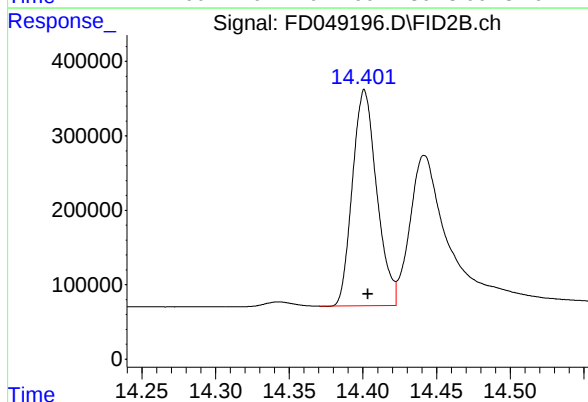
R.T.: 12.531 min
Delta R.T.: -0.001 min
Response: 4058048
Conc: 20.77 ug/ml

Instrument :

FID_D

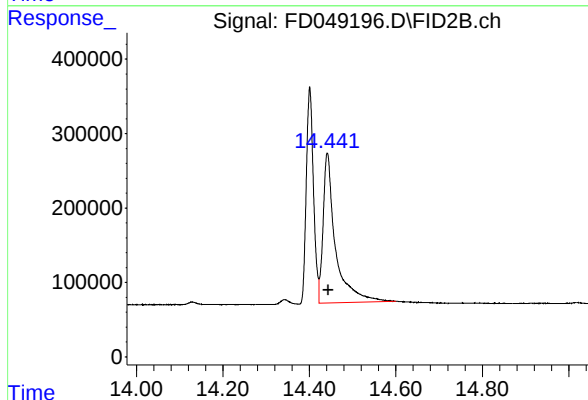
ClientSampleId :

20 PPM AROMATIC HC STDI CV



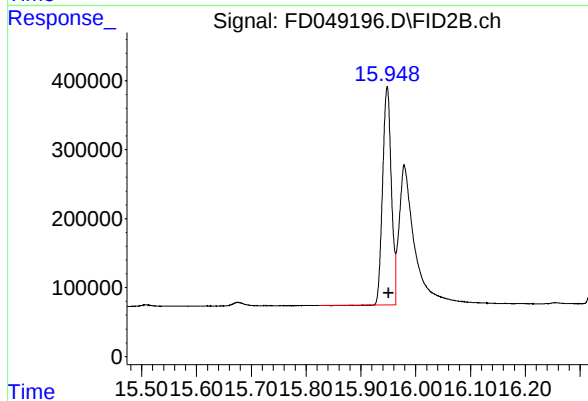
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.401 min
Delta R.T.: -0.002 min
Response: 3332451
Conc: 21.90 ug/ml



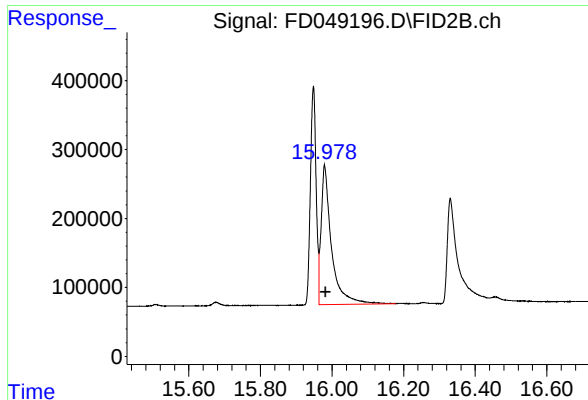
#15 Chrysene (C27.41)

R.T.: 14.442 min
Delta R.T.: -0.002 min
Response: 4020212
Conc: 19.70 ug/ml



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

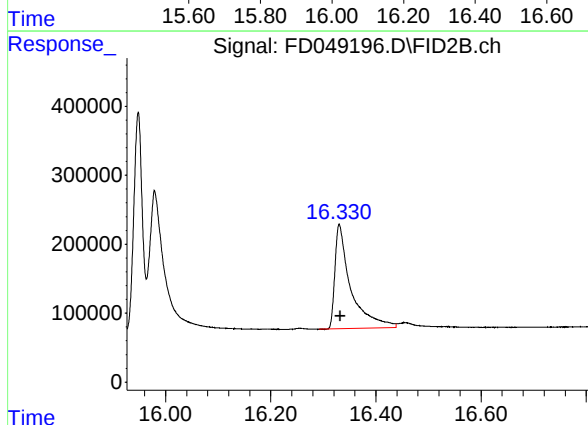
R.T.: 15.948 min
Delta R.T.: -0.002 min
Response: 3490325
Conc: 21.86 ug/ml



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

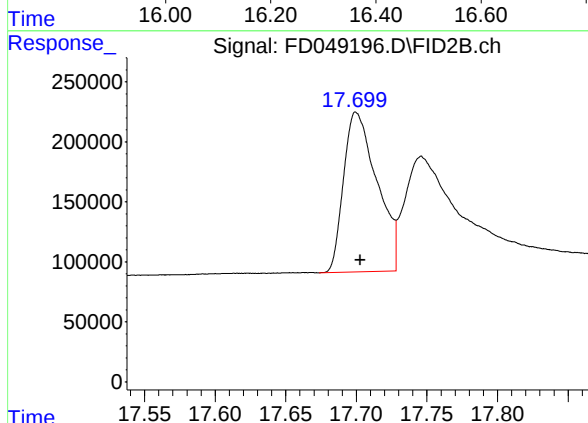
R.T.: 15.979 min
Delta R.T.: -0.003 min
Response: 4055135
Conc: 19.51 ug/ml

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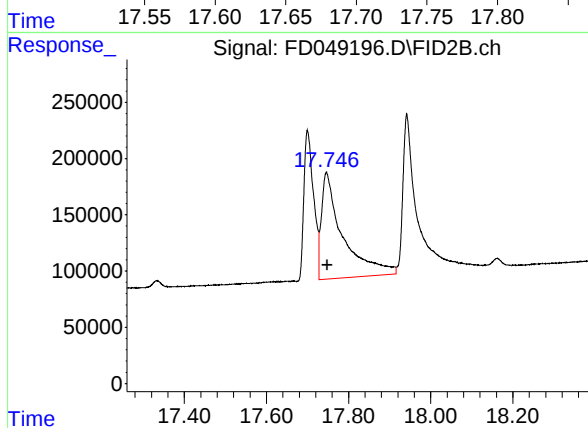
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.330 min
Delta R.T.: -0.002 min
Response: 3183212
Conc: 20.33 ug/ml



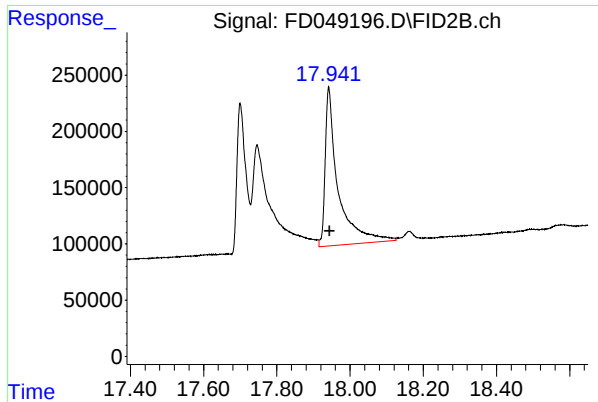
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.700 min
Delta R.T.: -0.003 min
Response: 2190336
Conc: 19.52 ug/ml



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

R.T.: 17.746 min
Delta R.T.: -0.002 min
Response: 3398709
Conc: 23.90 ug/ml



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

R.T.: 17.942 min
Delta R.T.: -0.002 min
Response: 3464103
Conc: 21.76 ug/ml

Instrument :

FID_D

ClientSampleId :

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