

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049139.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 16:30
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 01 02:19:55 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	3062089	21.397 ug/ml
Spiked Amount 50.000		Recovery =	42.79%
6) S 2-Fluorobiphenyl (SURR)	8.204	1810963	20.600 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.20%
11) S ortho-Terphenyl (SURR)	11.233	3471724	21.460 ug/ml
Spiked Amount 50.000		Recovery =	42.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3399763	21.348 ug/ml
2) T Naphthalene (C11.7)	5.693	3413714	21.499 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	3391580	21.784 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3462957	21.297 ug/ml
7) T Acenaphthene (C15.5)	8.296	3617973	21.993 ug/ml
8) T Fluorene (C16.55)	9.077	3337715	21.172 ug/ml
9) T Phenanthrene (C19.36)	10.464	3215091	21.334 ug/ml
10) T Anthracene (C19.43)	10.542	3207397	21.237 ug/ml
12) T Fluoranthene (C21.85)	12.269	3302650	21.402 ug/ml
13) T Pyrene (C20.8)	12.561	3264688	21.191 ug/ml
14) T Benzo[a]anthracene (C...	14.432	2802942	21.333 ug/ml
15) T Chrysene (C27.41)	14.473	3496552	21.625 ug/ml
16) T benzo[b]fluoranthene ...	15.978	2945002	21.404 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	3328113	21.072 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.360	2719805	20.037 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	1974445	18.068 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	3112363	20.062 ug/ml
21) T Benzo[g,h,i]perylene ...	17.973	2935686	20.253 ug/ml

(f)=RT Delta > 1/2 Window

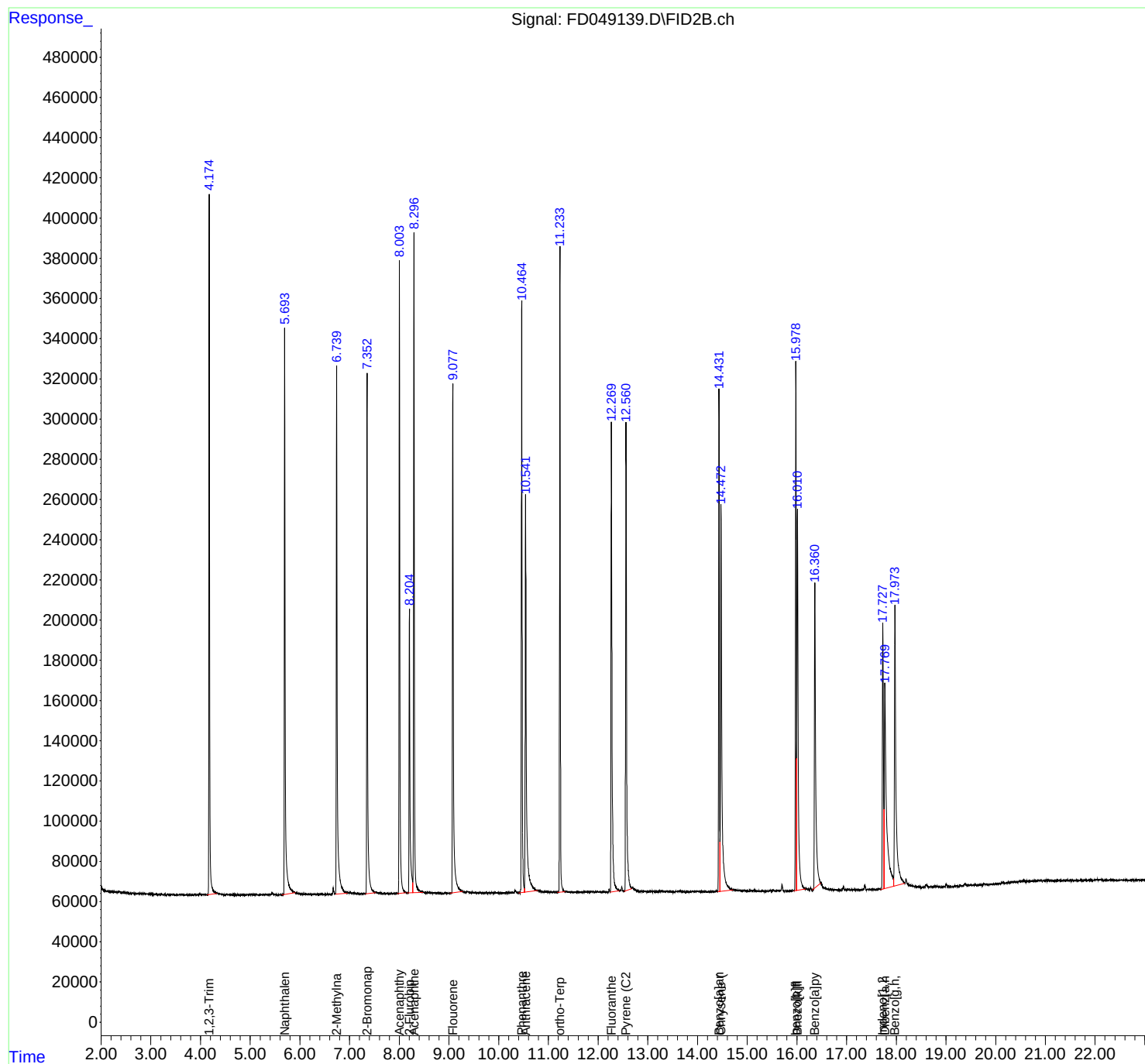
(m)=manual int.

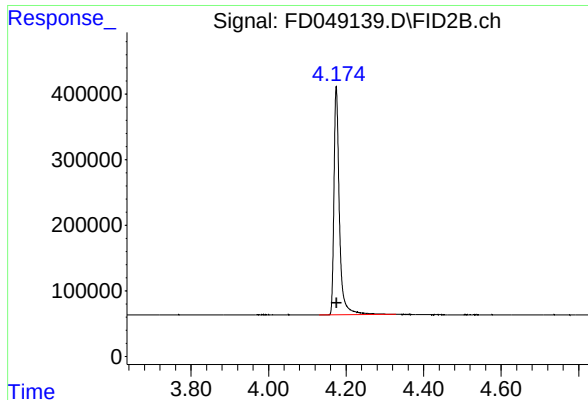
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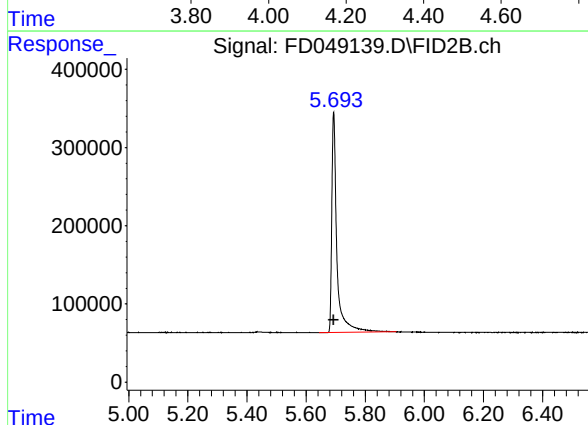




#1 1,2,3-Trimethylbenzene (C10.1)

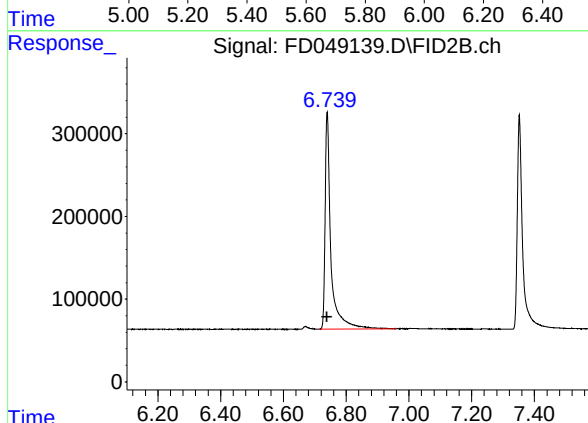
R.T.: 4.175 min
Delta R.T.: -0.001 min
Response: 3399763
Conc: 21.35 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



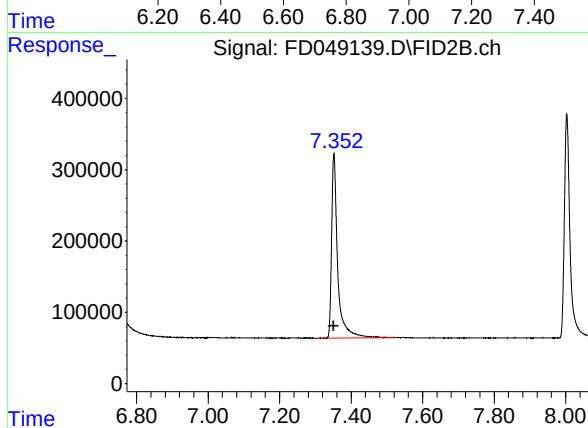
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 3413714
Conc: 21.50 ug/ml



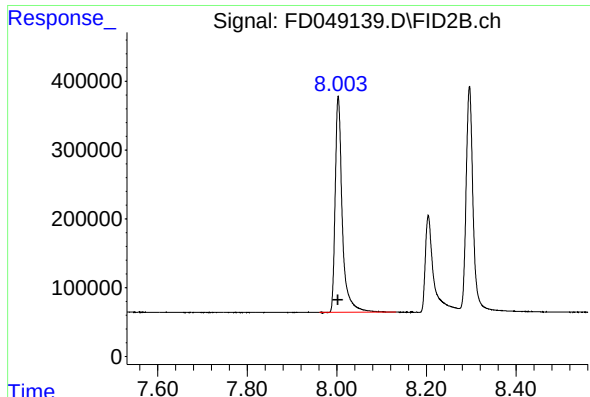
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 3391580
Conc: 21.78 ug/ml



#4 2-Bromonaphthalene (SURR)

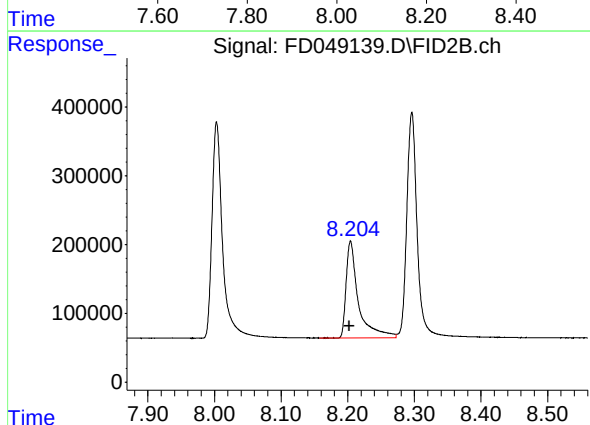
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 3062089
Conc: 21.40 ug/ml



#5 Acenaphthylene (C15.06)

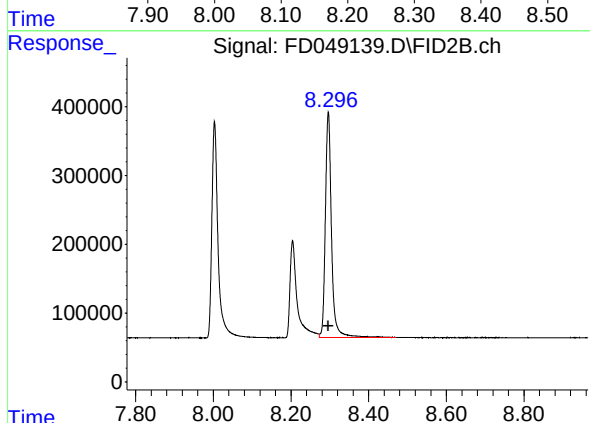
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3462957
Conc: 21.30 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



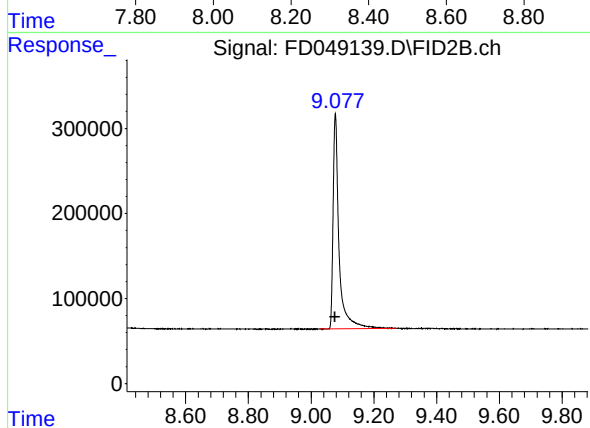
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min
Delta R.T.: 0.002 min
Response: 1810963
Conc: 20.60 ug/ml



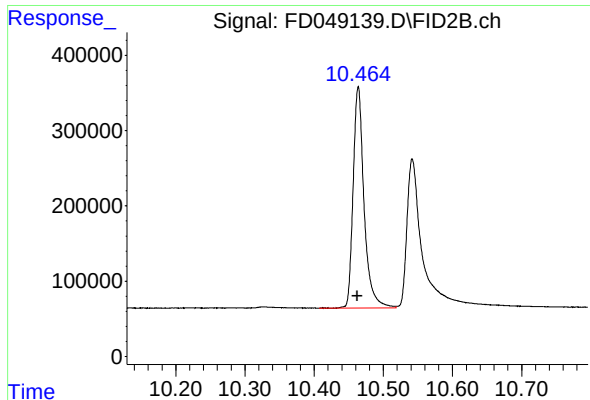
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3617973
Conc: 21.99 ug/ml



#8 Flouorene (C16.55)

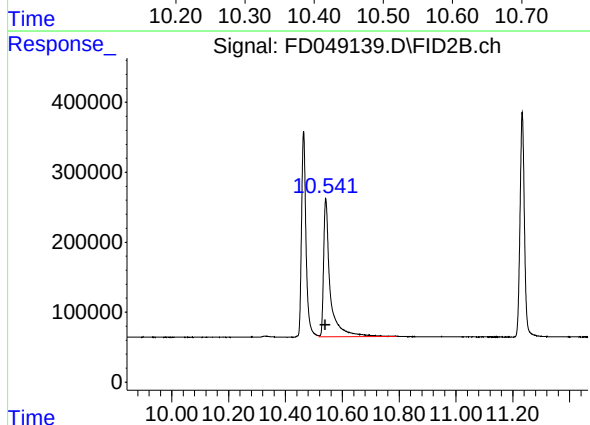
R.T.: 9.077 min
Delta R.T.: 0.001 min
Response: 3337715
Conc: 21.17 ug/ml



#9 Phenanthrene (C19.36)

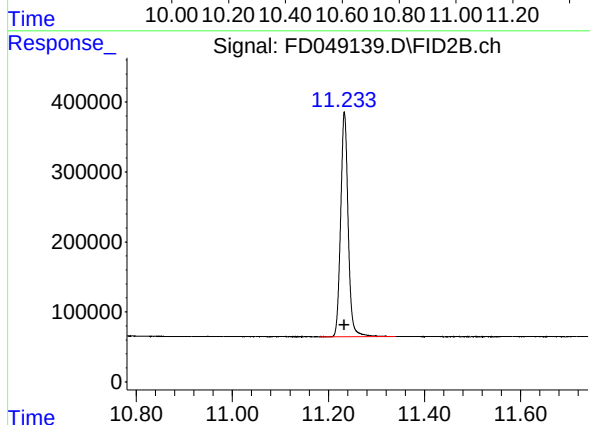
R.T.: 10.464 min
Delta R.T.: 0.000 min
Response: 3215091
Conc: 21.33 ug/ml

Instrument :
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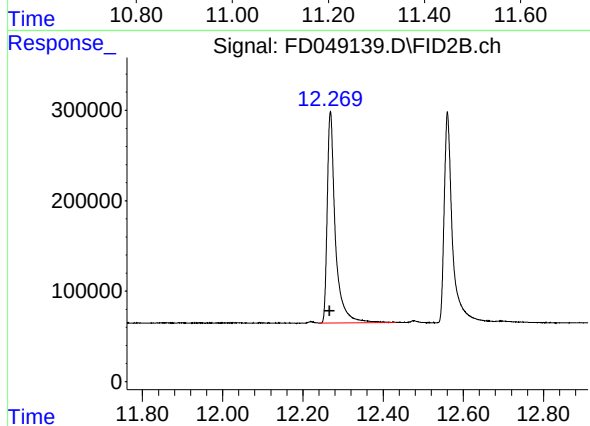
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: 0.002 min
Response: 3207397
Conc: 21.24 ug/ml



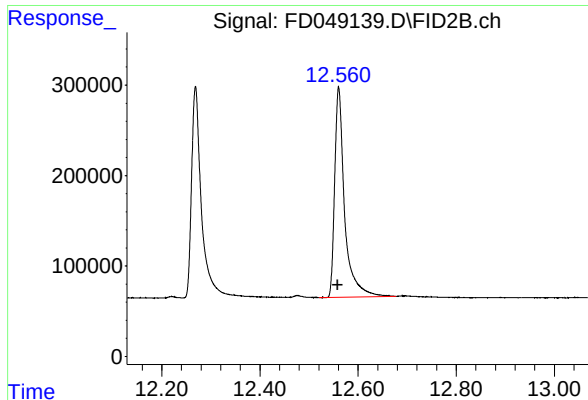
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 3471724
Conc: 21.46 ug/ml



#12 Fluoranthene (C21.85)

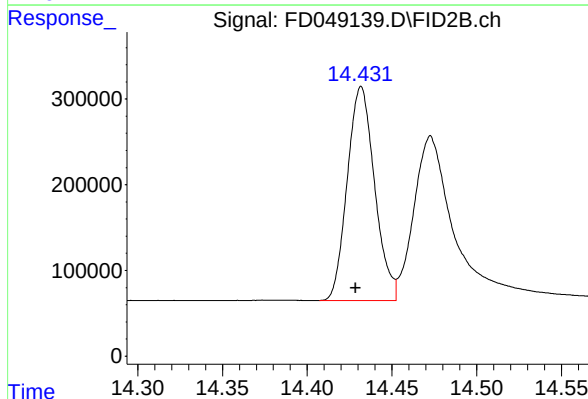
R.T.: 12.269 min
Delta R.T.: 0.002 min
Response: 3302650
Conc: 21.40 ug/ml



#13 Pyrene (C20.8)

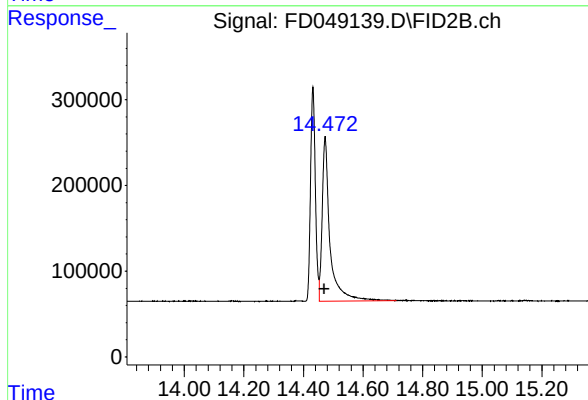
R.T.: 12.561 min
Delta R.T.: 0.002 min
Response: 3264688
Conc: 21.19 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



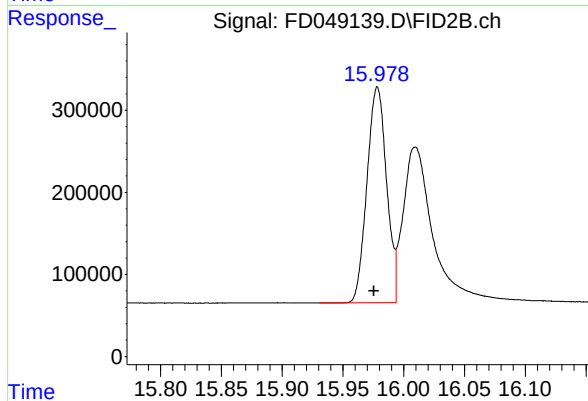
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: 0.003 min
Response: 2802942
Conc: 21.33 ug/ml



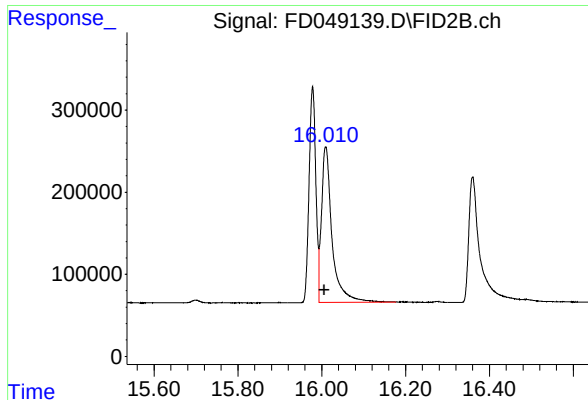
#15 Chrysene (C27.41)

R.T.: 14.473 min
Delta R.T.: 0.003 min
Response: 3496552
Conc: 21.63 ug/ml



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

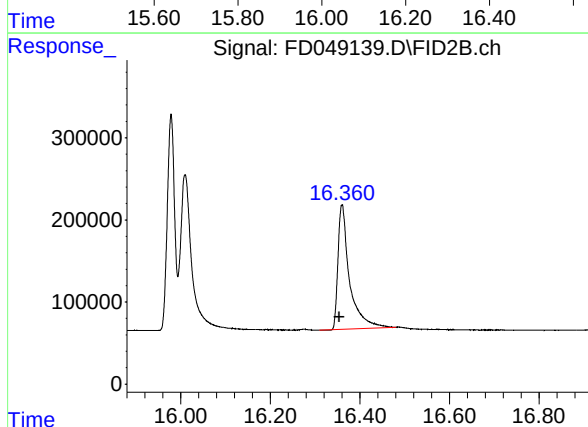
R.T.: 15.978 min
Delta R.T.: 0.003 min
Response: 2945002
Conc: 21.40 ug/ml



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

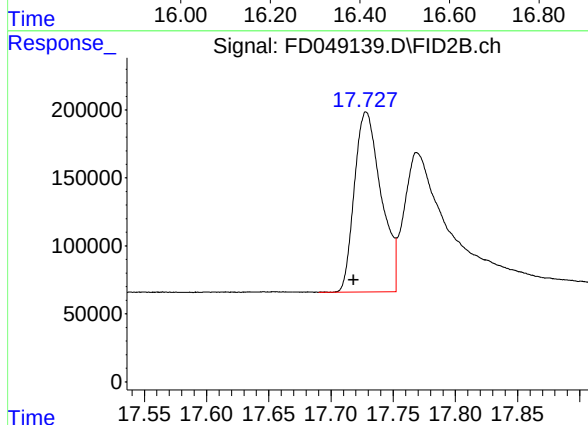
R.T.: 16.010 min
Delta R.T.: 0.003 min
Response: 3328113
Conc: 21.07 ug/ml

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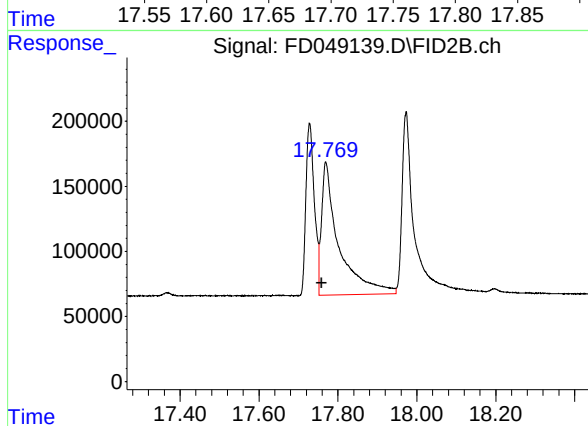
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.360 min
Delta R.T.: 0.006 min
Response: 2719805
Conc: 20.04 ug/ml



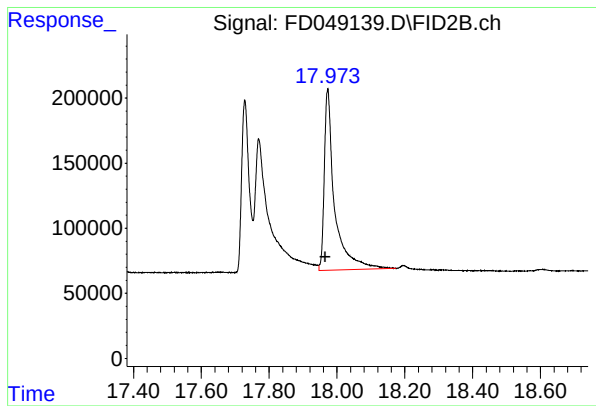
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.728 min
Delta R.T.: 0.010 min
Response: 1974445
Conc: 18.07 ug/ml



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

R.T.: 17.769 min
Delta R.T.: 0.010 min
Response: 3112363
Conc: 20.06 ug/ml



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

R.T.: 17.973 min
Delta R.T.: 0.007 min
Response: 2935686
Conc: 20.25 ug/ml

Instrument :

FID_D

ClientSampleId :

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