

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050825AR\
 Data File : FD049334.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2025 23:34
 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: May 09 09:22:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.739	2673302	22.546 ug/ml
Spiked Amount 50.000		Recovery =	45.09%
6) S 2-Fluorobiphenyl (SURR)	8.605	1823565	23.091 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.18%
11) S ortho-Terphenyl (SURR)	11.650	3015562	21.849 ug/ml
Spiked Amount 50.000		Recovery =	43.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2776200	22.235 ug/ml
2) T Naphthalene (C11.7)	6.076	2958062	22.375 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	2932279	22.730 ug/ml
5) T Acenaphthylene (C15.06)	8.408	3113784	22.058 ug/ml
7) T Acenaphthene (C15.5)	8.704	3035424	22.154 ug/ml
8) T Fluorene (C16.55)	9.485	3077228	22.608 ug/ml
9) T Phenanthrene (C19.36)	10.883	2986762	22.153 ug/ml
10) T Anthracene (C19.43)	10.958	2631094	22.247 ug/ml
12) T Fluoranthene (C21.85)	12.697	2950830	21.896 ug/ml
13) T Pyrene (C20.8)	12.995	2935619	21.701 ug/ml
14) T Benzo[a]anthracene (C...	14.866	2583491	22.554 ug/ml
15) T Chrysene (C27.41)	14.908	2608839	22.353 ug/ml
16) T benzo[b]fluoranthene ...	16.417	2618964	21.575 ug/ml
17) T Bnezo[k]fluoranthene ...	16.450	2586305	21.686 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2476322	21.536 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2384838	21.731 ug/ml
20) T Dibenz[a,h]anthracene...	18.200	2554962	24.191 ug/ml
21) T Benzo[g,h,i]perylene ...	18.416	2551734	21.413 ug/ml

(f)=RT Delta > 1/2 Window

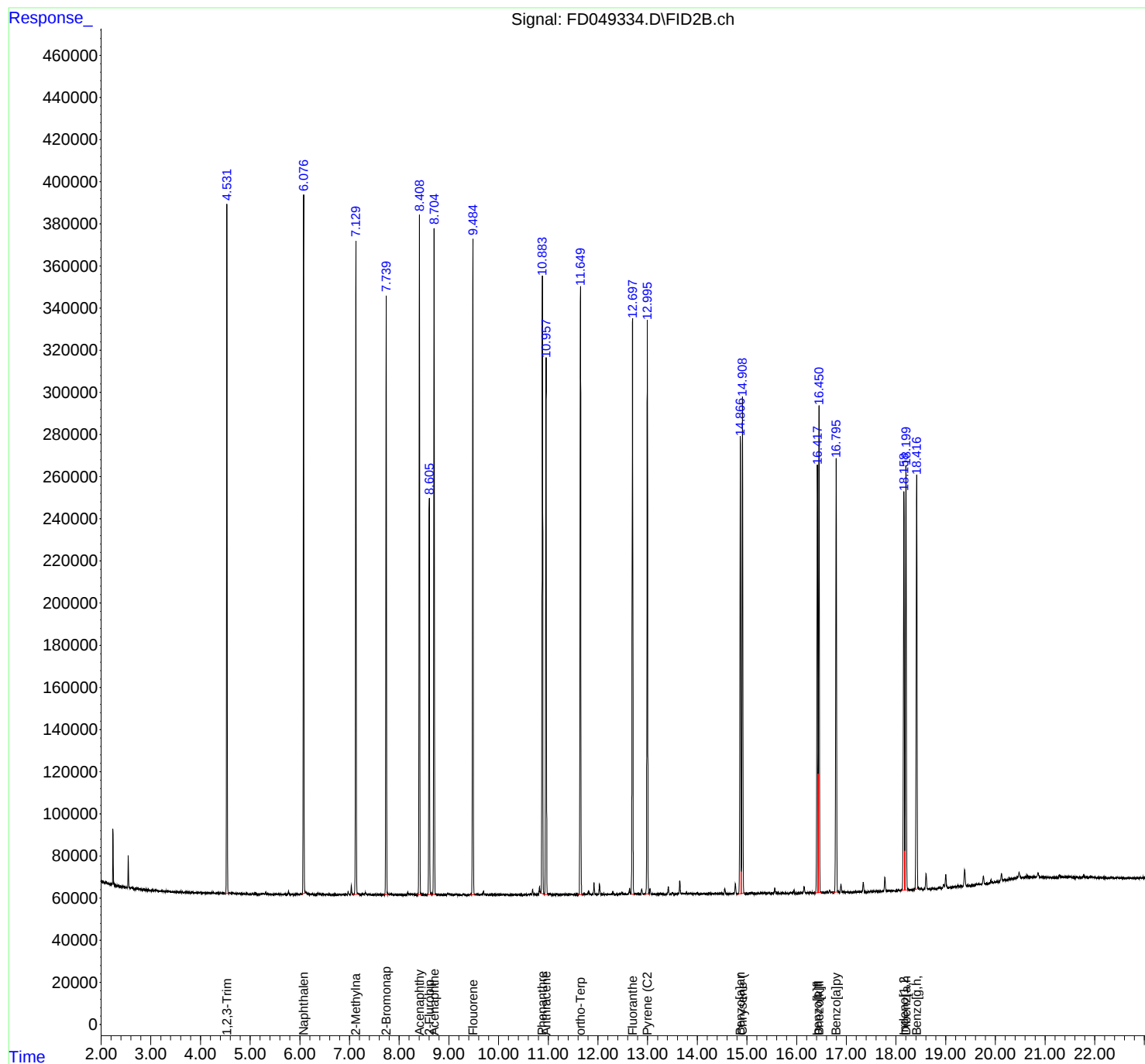
(m)=manual int.

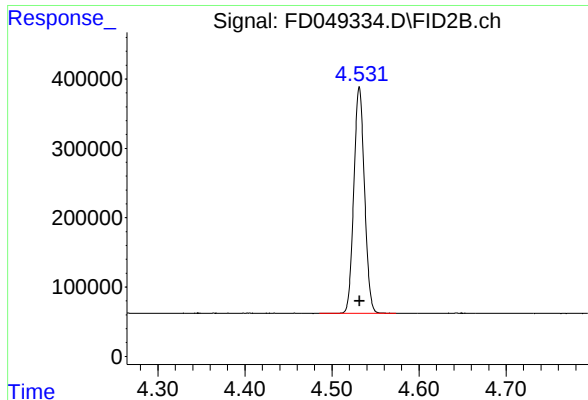
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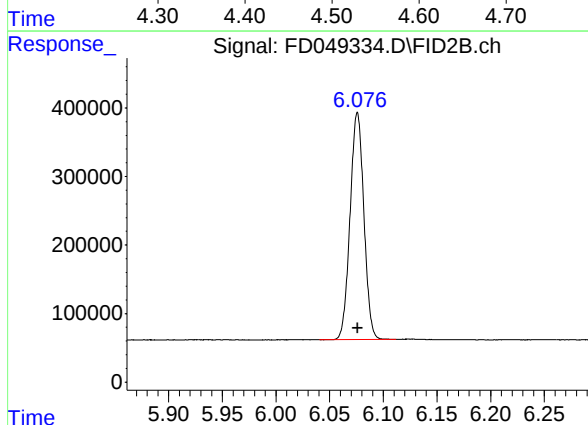




#1 1,2,3-Trimethylbenzene (C10.1)

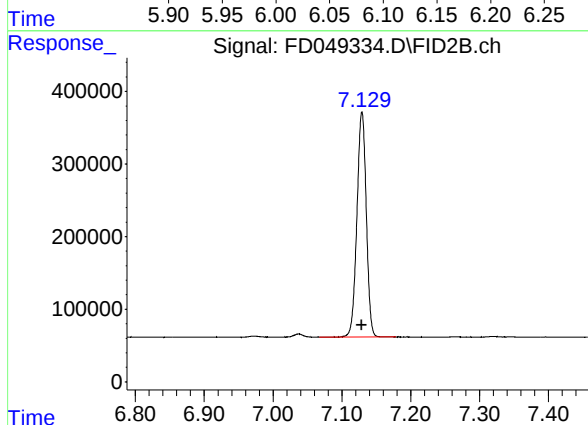
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 2776200
Conc: 22.23 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



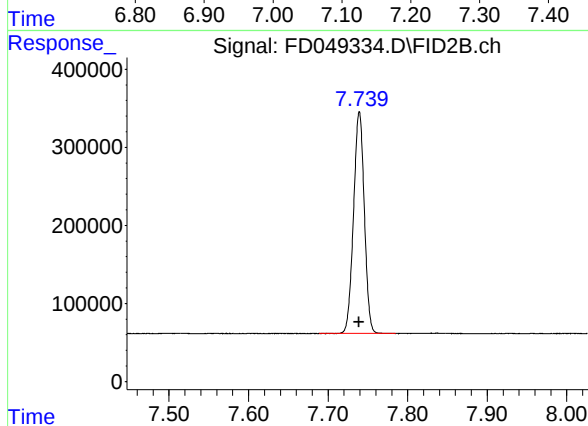
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 2958062
Conc: 22.37 ug/ml



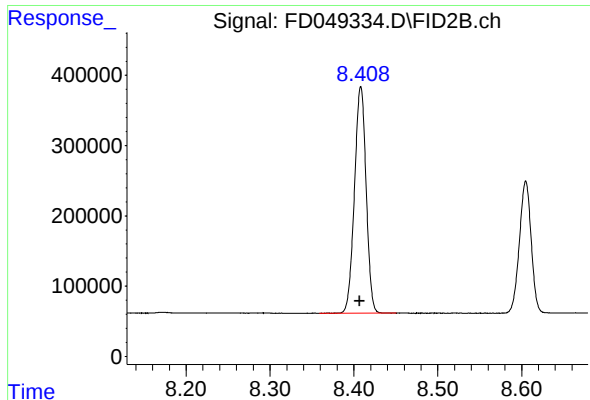
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 2932279
Conc: 22.73 ug/ml



#4 2-Bromonaphthalene (SURR)

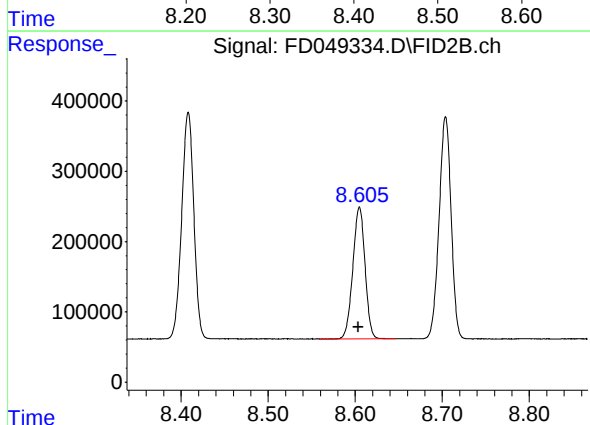
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 2673302
Conc: 22.55 ug/ml



#5 Acenaphthylene (C15.06)

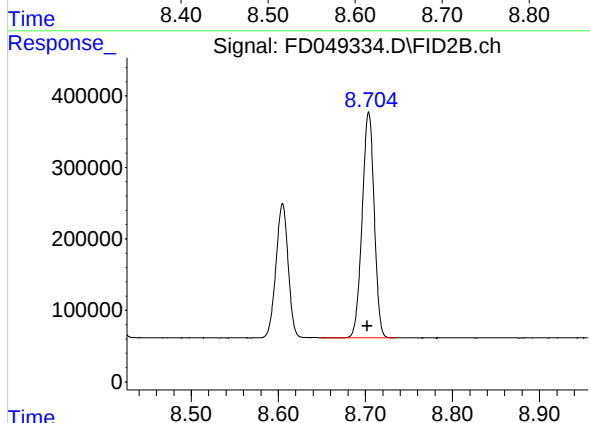
R.T.: 8.408 min
Delta R.T.: 0.001 min
Response: 3113784
Conc: 22.06 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



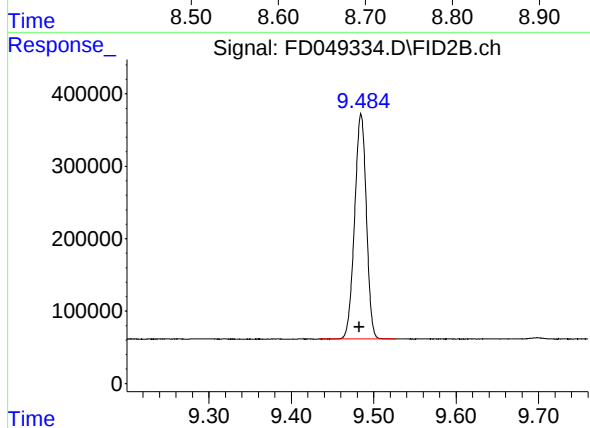
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.001 min
Response: 1823565
Conc: 23.09 ug/ml



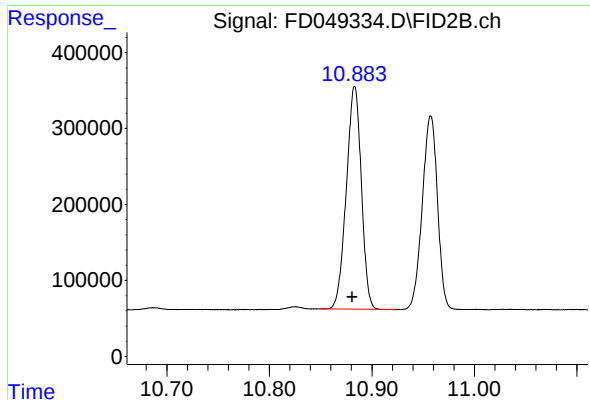
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: 0.002 min
Response: 3035424
Conc: 22.15 ug/ml



#8 Flouorene (C16.55)

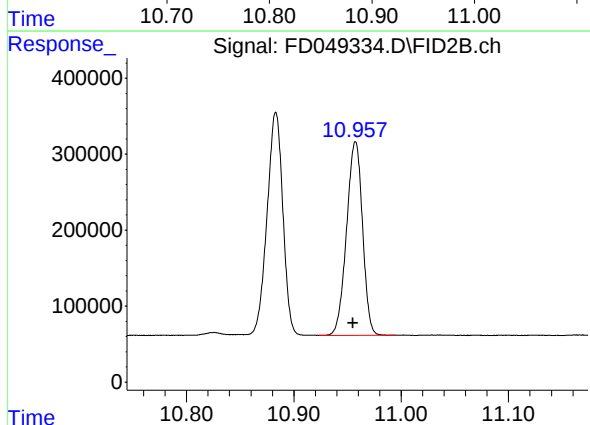
R.T.: 9.485 min
Delta R.T.: 0.002 min
Response: 3077228
Conc: 22.61 ug/ml



#9 Phenanthrene (C19.36)

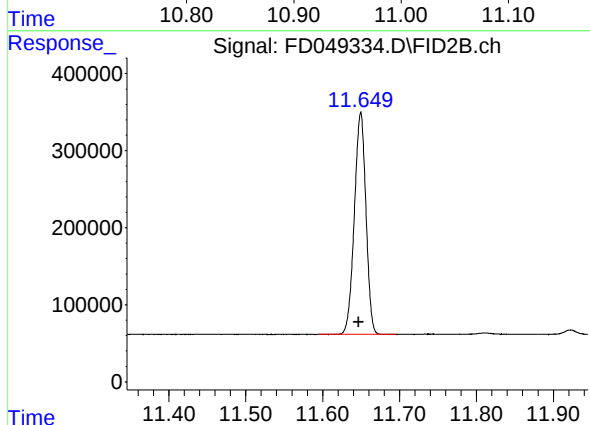
R.T.: 10.883 min
Delta R.T.: 0.002 min
Response: 2986762
Conc: 22.15 ug/ml

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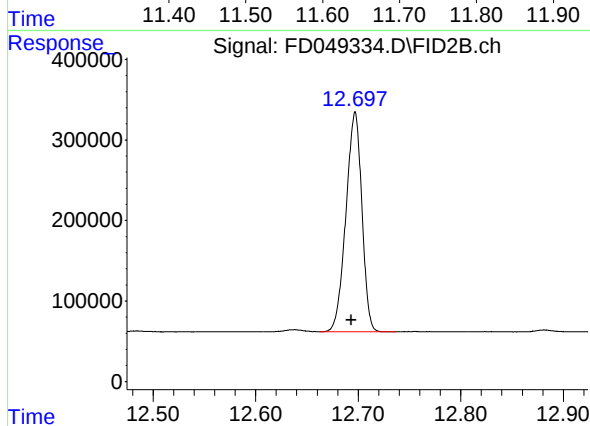
#10 Anthracene (C19.43)

R.T.: 10.958 min
Delta R.T.: 0.002 min
Response: 2631094
Conc: 22.25 ug/ml



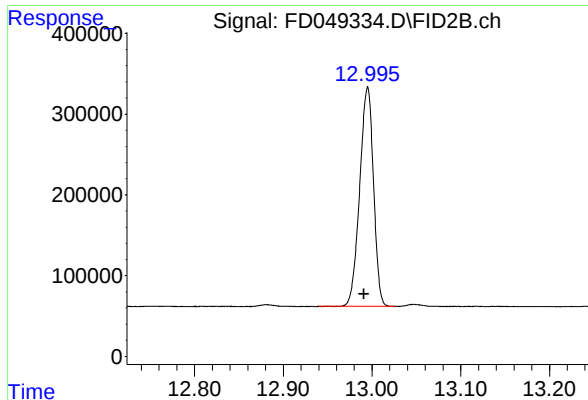
#11 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: 0.003 min
Response: 3015562
Conc: 21.85 ug/ml



#12 Fluoranthene (C21.85)

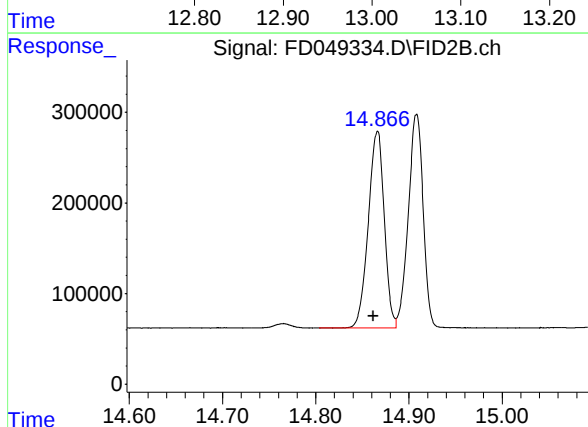
R.T.: 12.697 min
Delta R.T.: 0.004 min
Response: 2950830
Conc: 21.90 ug/ml



#13 Pyrene (C20.8)

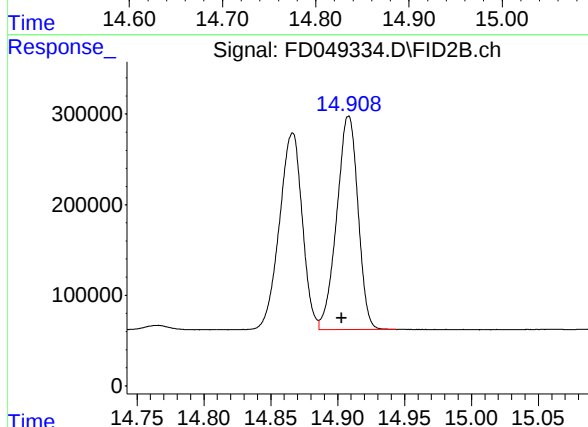
R.T.: 12.995 min
Delta R.T.: 0.004 min
Response: 2935619
Conc: 21.70 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



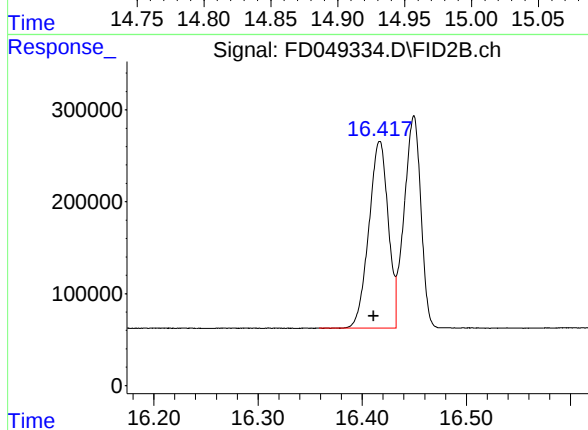
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min
Delta R.T.: 0.005 min
Response: 2583491
Conc: 22.55 ug/ml



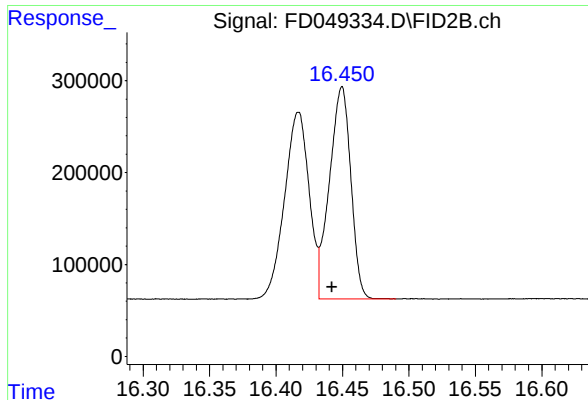
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.005 min
Response: 2608839
Conc: 22.35 ug/ml



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

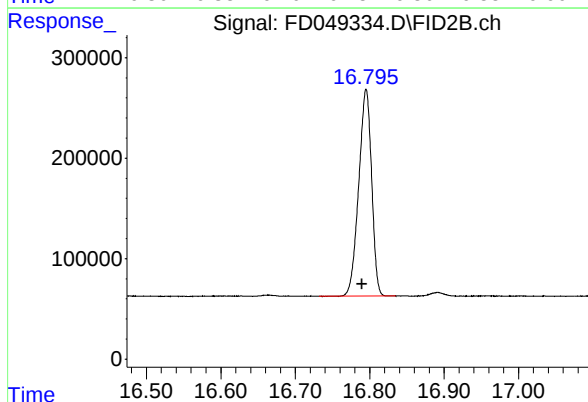
R.T.: 16.417 min
Delta R.T.: 0.006 min
Response: 2618964
Conc: 21.58 ug/ml



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

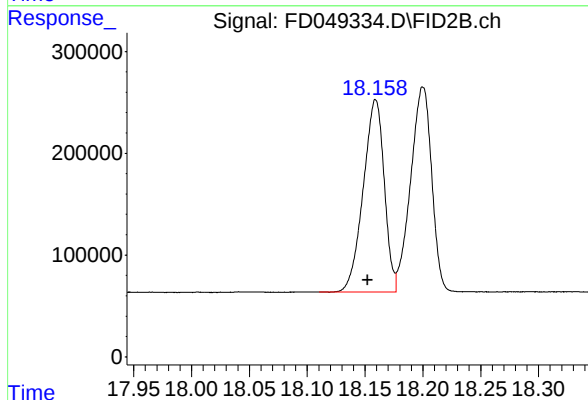
R.T.: 16.450 min
Delta R.T.: 0.008 min
Response: 2586305
Conc: 21.69 ug/ml

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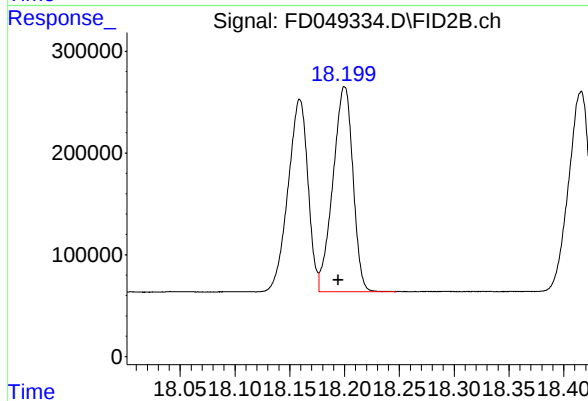
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.795 min
Delta R.T.: 0.006 min
Response: 2476322
Conc: 21.54 ug/ml



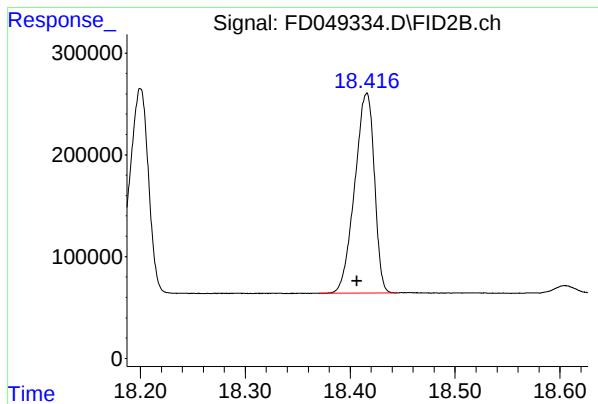
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.159 min
Delta R.T.: 0.007 min
Response: 2384838
Conc: 21.73 ug/ml



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

R.T.: 18.200 min
Delta R.T.: 0.006 min
Response: 2554962
Conc: 24.19 ug/ml



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

R.T.: 18.416 min
Delta R.T.: 0.009 min
Response: 2551734
Conc: 21.41 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD