

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
 Data File : FD049615.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2025 11:03
 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: Aug 13 00:28:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.714	2361525	23.042 ug/ml
Spiked Amount 50.000		Recovery =	46.08%
6) S 2-Fluorobiphenyl (SURR)	8.579	1674981	22.931 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.86%
11) S ortho-Terphenyl (SURR)	11.625	2942217	22.668 ug/ml
Spiked Amount 50.000		Recovery =	45.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	2310469	22.826 ug/ml
2) T Naphthalene (C11.7)	6.050	2629370	22.932 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	2738957	22.960 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2861062	22.759 ug/ml
7) T Acenaphthene (C15.5)	8.678	2856651	22.720 ug/ml
8) T Flouorene (C16.55)	9.460	2874073	22.700 ug/ml
9) T Phenanthrene (C19.36)	10.859	2932911	22.704 ug/ml
10) T Anthracene (C19.43)	10.933	2763196	22.430 ug/ml
12) T Fluoranthene (C21.85)	12.672	2866751	22.394 ug/ml
13) T Pyrene (C20.8)	12.970	2845041	22.408 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2512042	21.769 ug/ml
15) T Chrysene (C27.41)	14.884	2553528	21.810 ug/ml
16) T benzo[b]fluoranthene ...	16.392	2451760	21.557 ug/ml
17) T Bnezo[k]fluoranthene ...	16.425	2308335	21.564 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.771	2375619	21.414 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.135	2154809	20.905 ug/ml
20) T Dibenz[a,h]anthracene...	18.176	2258819	20.723 ug/ml
21) T Benzo[g,h,i]perylene ...	18.390	2310886	21.147 ug/ml

(f)=RT Delta > 1/2 Window

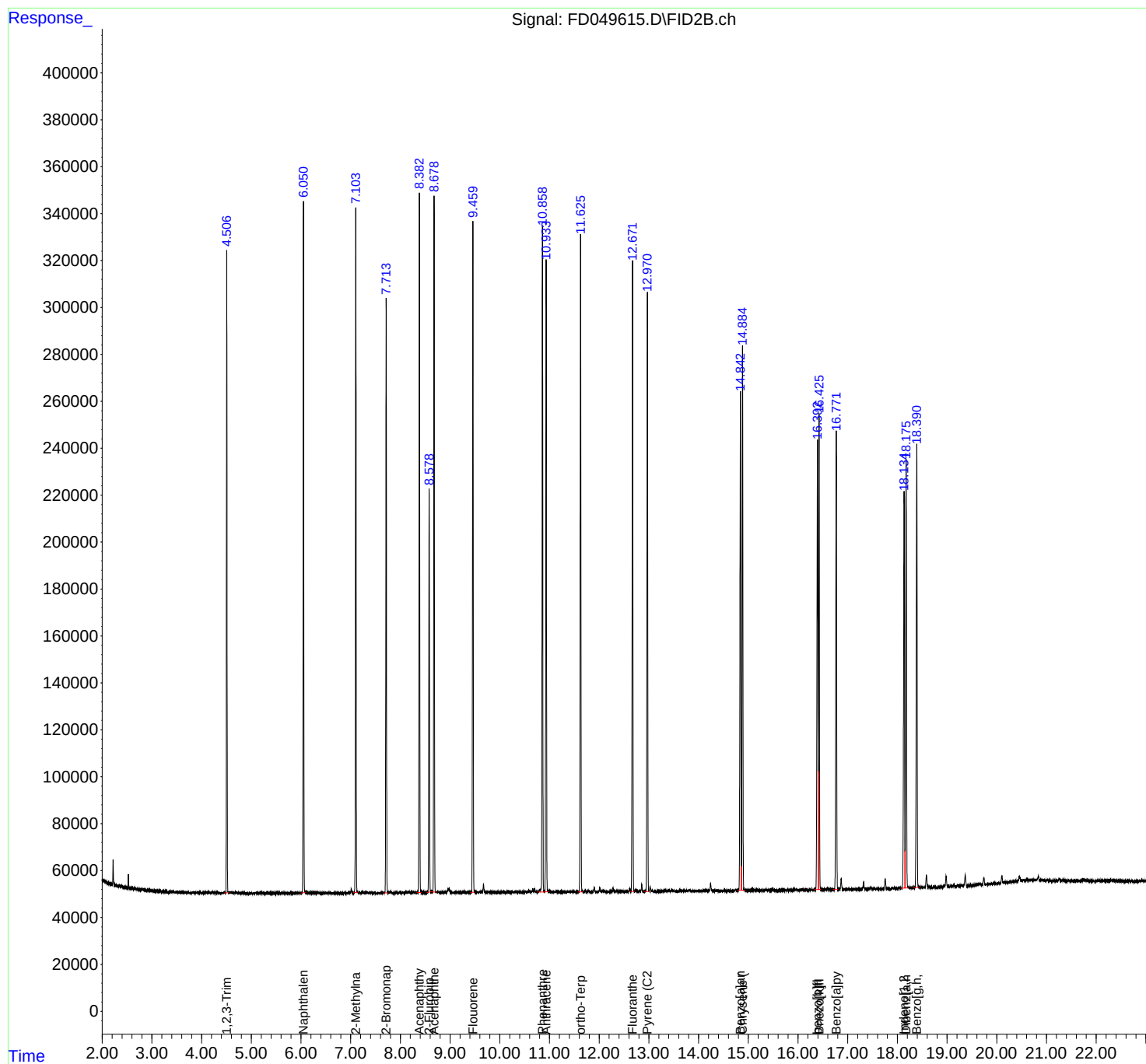
(m)=manual int.

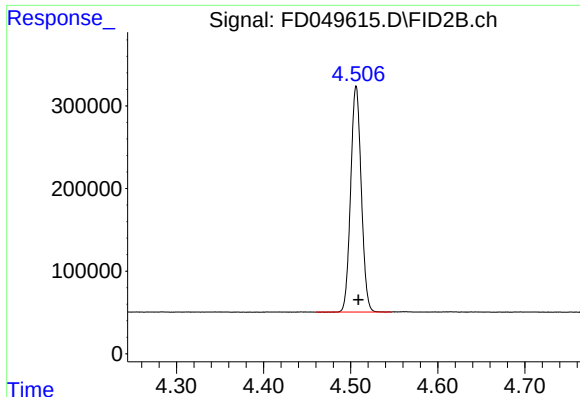
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

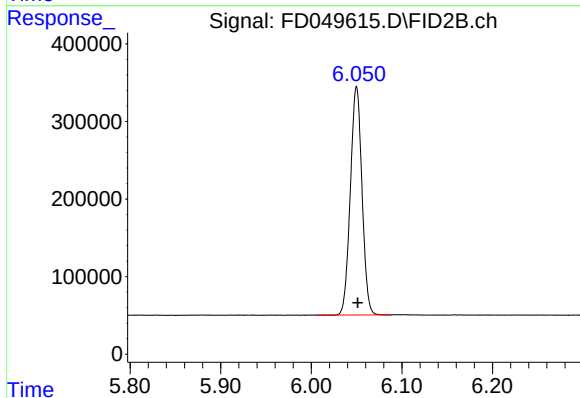




#1 1,2,3-Trimethylbenzene (C10.1)

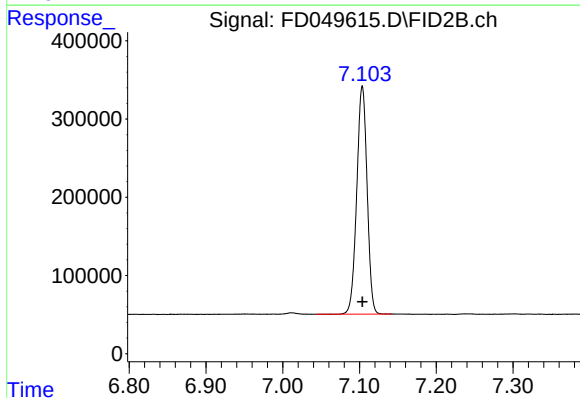
R.T.: 4.506 min
Delta R.T.: -0.003 min
Response: 2310469
Conc: 22.83 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



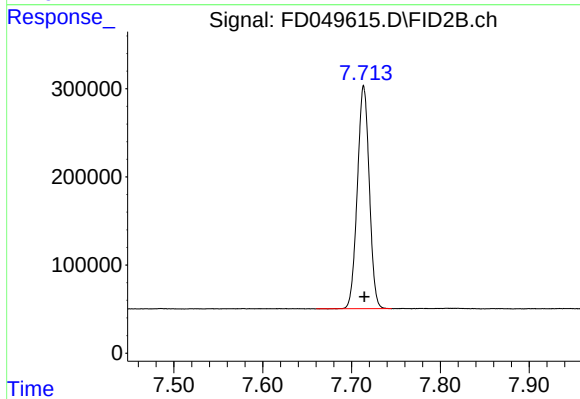
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 2629370
Conc: 22.93 ug/ml



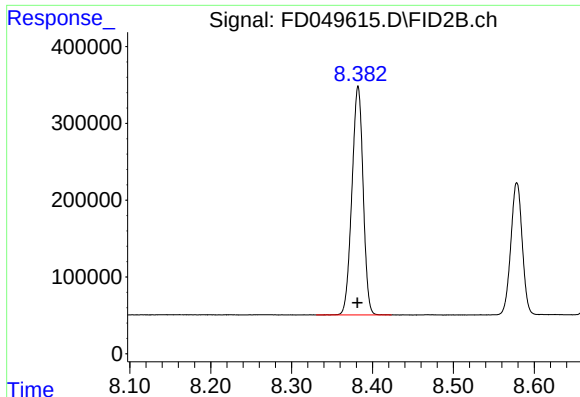
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 2738957
Conc: 22.96 ug/ml



#4 2-Bromonaphthalene (SURR)

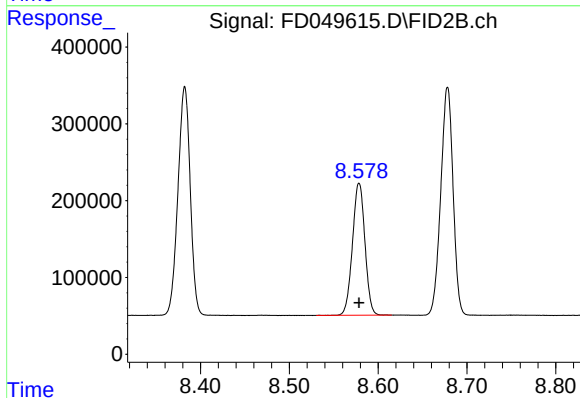
R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 2361525
Conc: 23.04 ug/ml



#5 Acenaphthylene (C15.06)

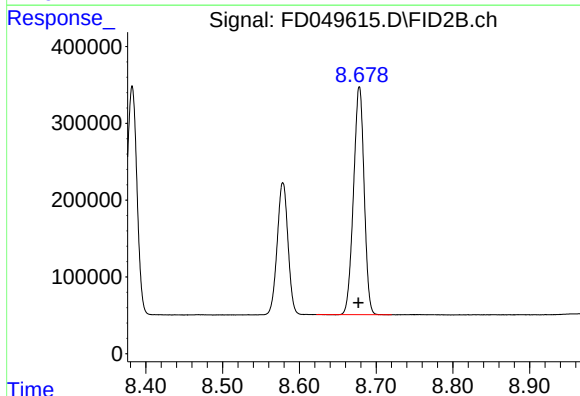
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 2861062
Conc: 22.76 ug/ml

Instrument :
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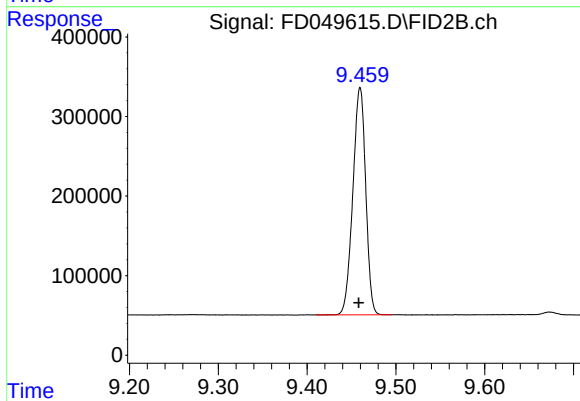
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 1674981
Conc: 22.93 ug/ml



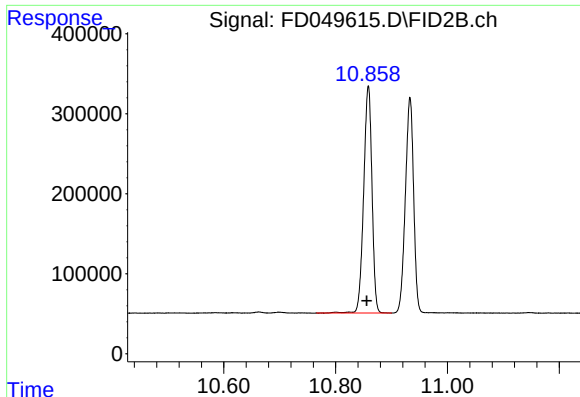
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.001 min
Response: 2856651
Conc: 22.72 ug/ml



#8 Fluorene (C16.55)

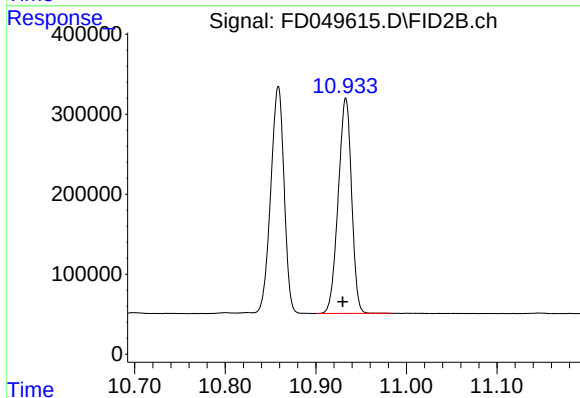
R.T.: 9.460 min
Delta R.T.: 0.002 min
Response: 2874073
Conc: 22.70 ug/ml



#9 Phenanthrene (C19.36)

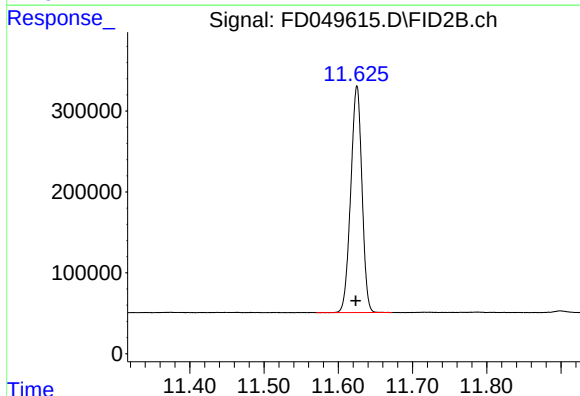
R.T.: 10.859 min
Delta R.T.: 0.003 min
Response: 2932911
Conc: 22.70 ug/ml

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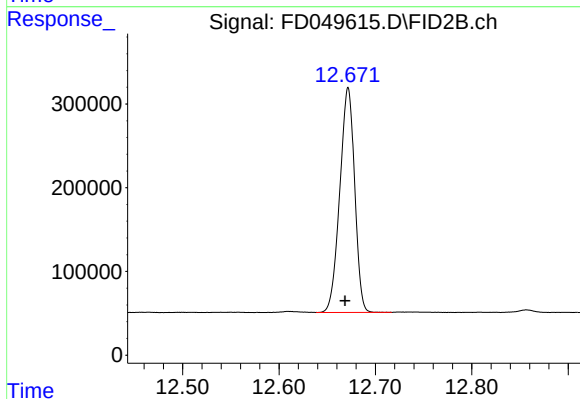
#10 Anthracene (C19.43)

R.T.: 10.933 min
Delta R.T.: 0.003 min
Response: 2763196
Conc: 22.43 ug/ml



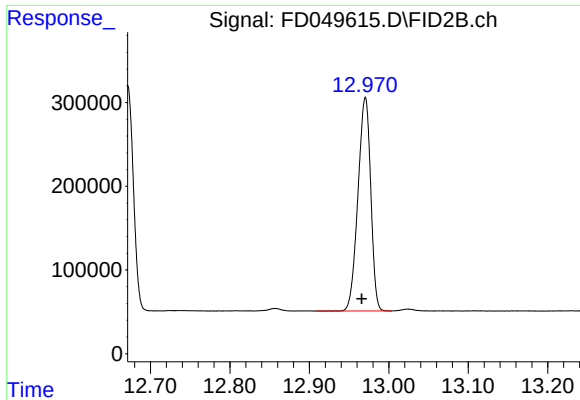
#11 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: 0.002 min
Response: 2942217
Conc: 22.67 ug/ml



#12 Fluoranthene (C21.85)

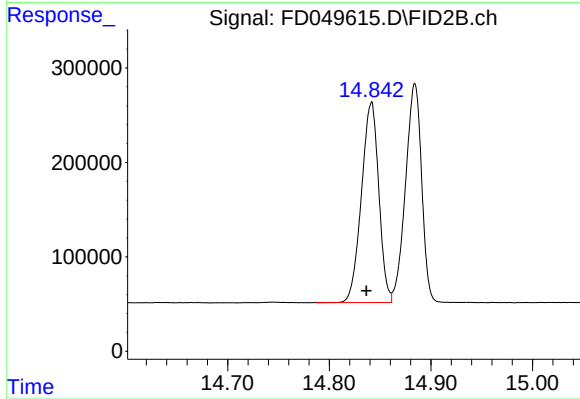
R.T.: 12.672 min
Delta R.T.: 0.003 min
Response: 2866751
Conc: 22.39 ug/ml



#13 Pyrene (C20.8)

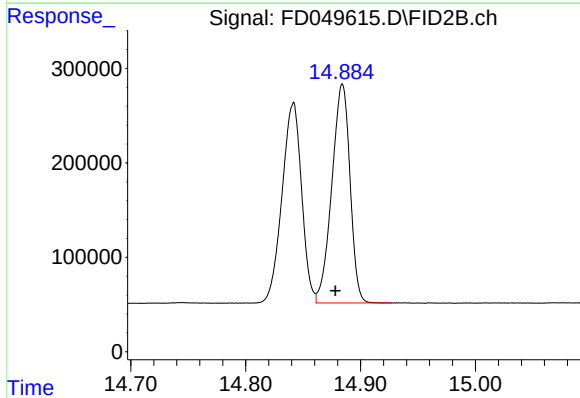
R.T.: 12.970 min
Delta R.T.: 0.004 min
Response: 2845041
Conc: 22.41 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



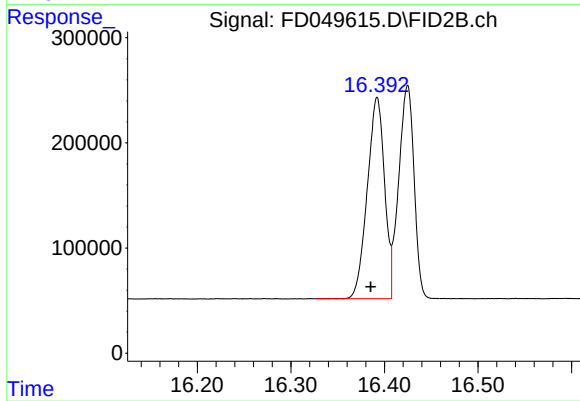
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.841 min
Delta R.T.: 0.005 min
Response: 2512042
Conc: 21.77 ug/ml



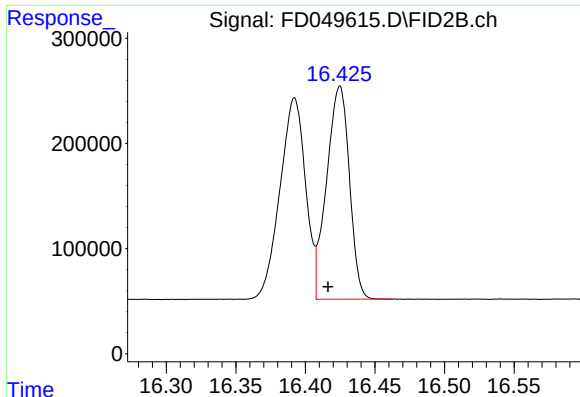
#15 Chrysene (C27.41)

R.T.: 14.884 min
Delta R.T.: 0.006 min
Response: 2553528
Conc: 21.81 ug/ml



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

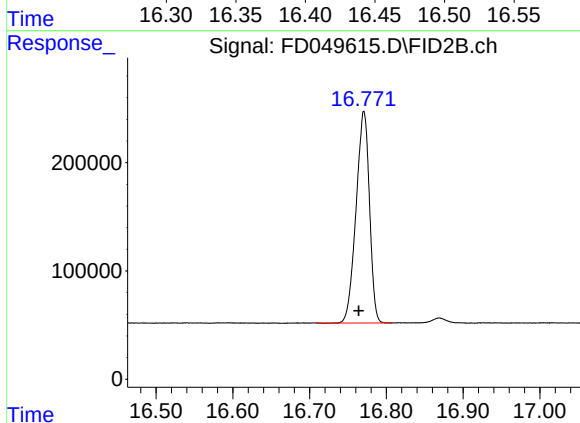
R.T.: 16.392 min
Delta R.T.: 0.007 min
Response: 2451760
Conc: 21.56 ug/ml



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

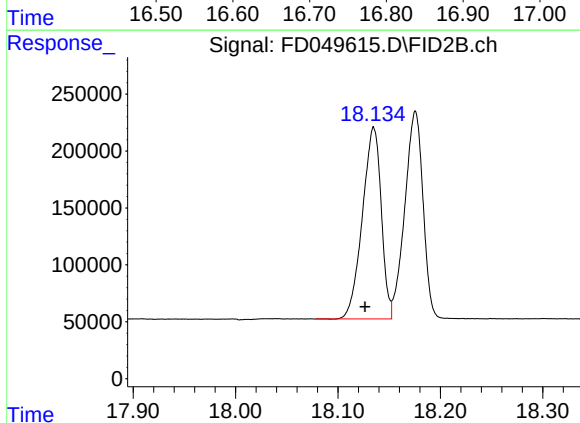
R.T.: 16.425 min
Delta R.T.: 0.008 min
Response: 2308335
Conc: 21.56 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



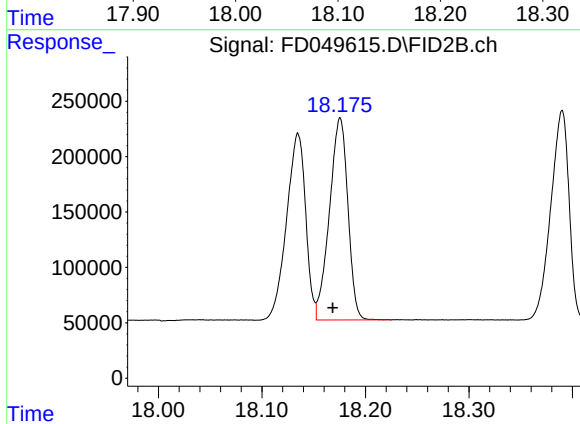
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.771 min
Delta R.T.: 0.007 min
Response: 2375619
Conc: 21.41 ug/ml



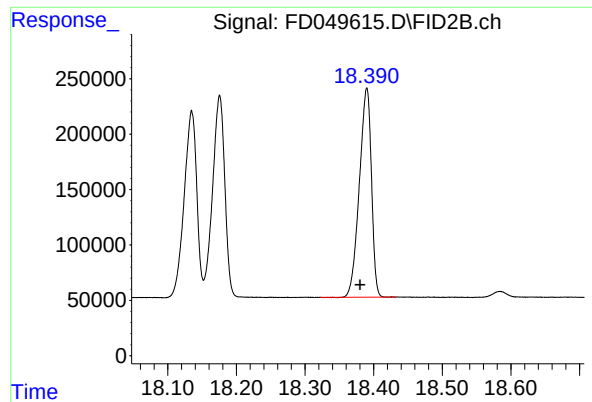
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.135 min
Delta R.T.: 0.008 min
Response: 2154809
Conc: 20.90 ug/ml



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

R.T.: 18.176 min
Delta R.T.: 0.007 min
Response: 2258819
Conc: 20.72 ug/ml



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

R.T.: 18.390 min
Delta R.T.: 0.010 min
Response: 2310886
Conc: 21.15 ug/ml

Instrument :

FID_D

ClientSampleId :

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