

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093025AR\
 Data File : FD049777.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2025 09:04
 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: Oct 01 02:50:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.693	2376032	21.127 ug/ml
Spiked Amount 50.000		Recovery =	42.25%
6) S 2-Fluorobiphenyl (SURR)	8.557	1692914	21.090 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.18%
11) S ortho-Terphenyl (SURR)	11.604	2978293	21.051 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.484	2278335	21.144 ug/ml
2) T Naphthalene (C11.7)	6.028	2640936	21.236 ug/ml
3) T 2-Methylnaphthalene (...)	7.082	2768911	21.245 ug/ml
5) T Acenaphthylene (C15.06)	8.361	2944120	21.236 ug/ml
7) T Acenaphthene (C15.5)	8.657	2913409	21.017 ug/ml
8) T Flouorene (C16.55)	9.438	2901423	20.917 ug/ml
9) T Phenanthrene (C19.36)	10.836	2902704	20.837 ug/ml
10) T Anthracene (C19.43)	10.911	2589785	19.614 ug/ml
12) T Fluoranthene (C21.85)	12.650	2832339	21.032 ug/ml
13) T Pyrene (C20.8)	12.948	2804808	21.085 ug/ml
14) T Benzo[a]anthracene (C...	14.821	2447055	20.463 ug/ml
15) T Chrysene (C27.41)	14.863	2516573	20.686 ug/ml
16) T benzo[b]fluoranthene ...	16.371	2452236	20.458 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	2305737	20.464 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	2360032	20.112 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.113	2146819	19.733 ug/ml
20) T Dibenz[a,h]anthracene...	18.154	2355279	20.670 ug/ml
21) T Benzo[g,h,i]perylene ...	18.369	2335279	20.070 ug/ml

(f)=RT Delta > 1/2 Window

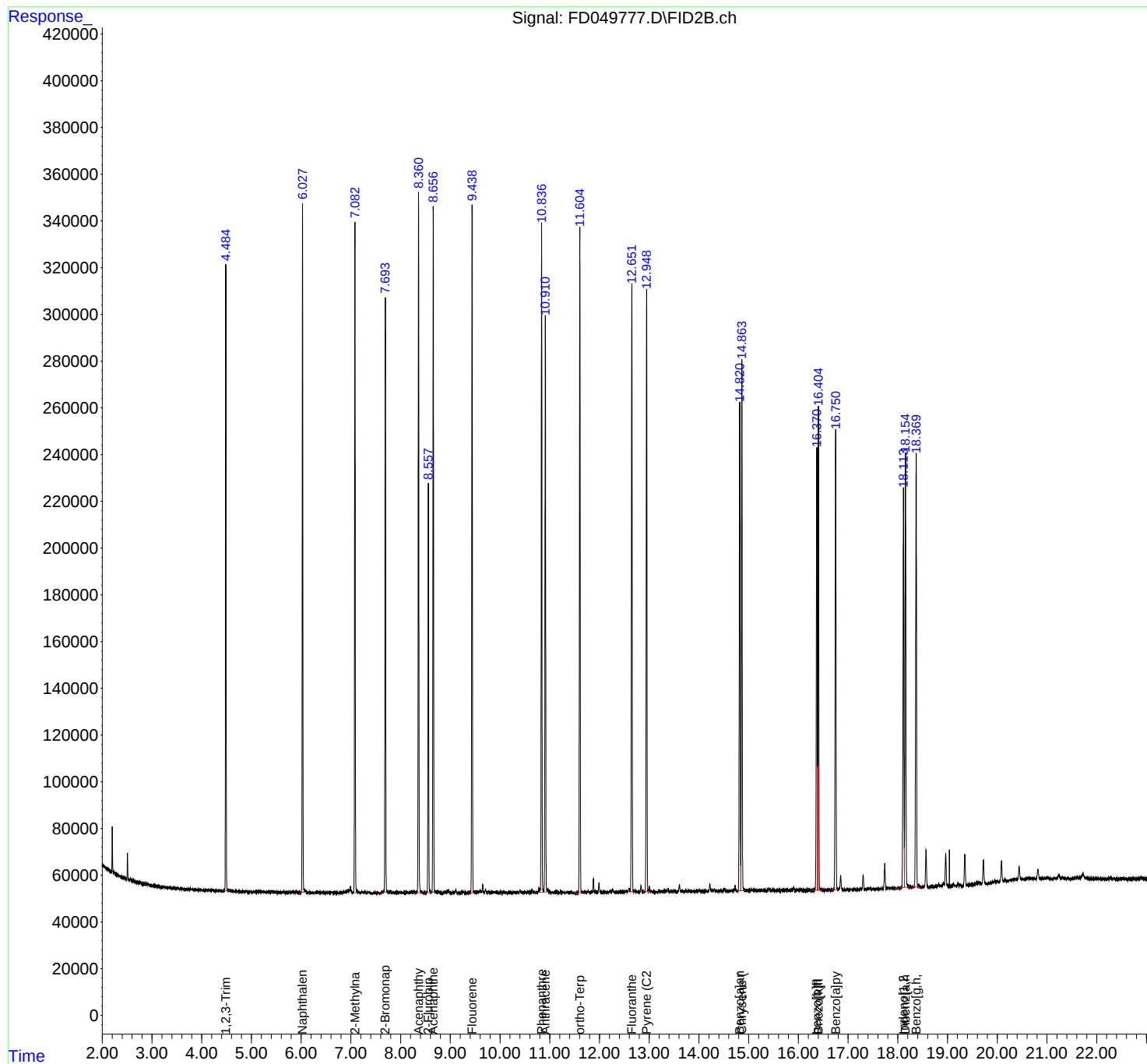
(m)=manual int.

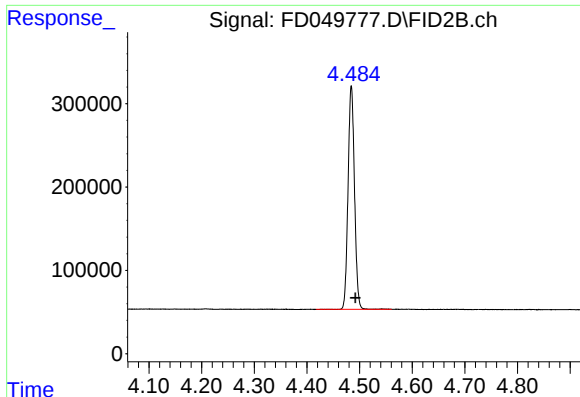
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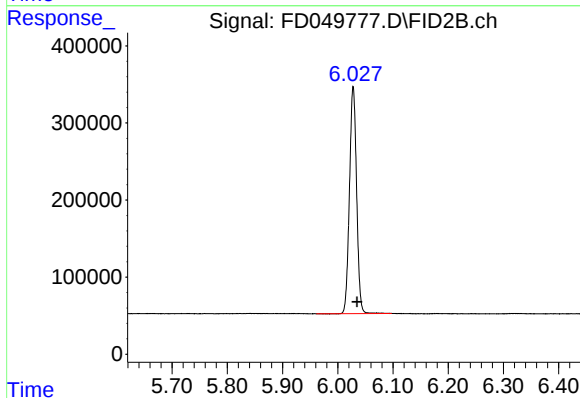




#1 1,2,3-Trimethylbenzene (C10.1)

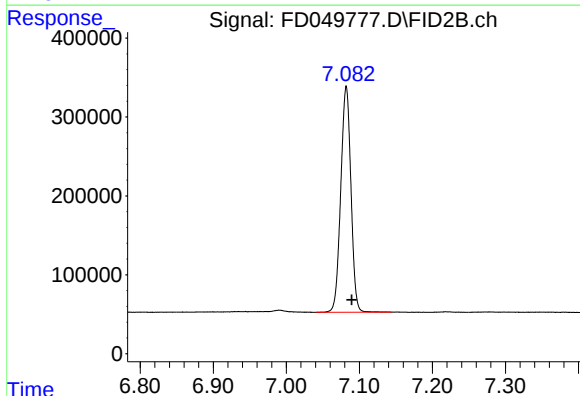
R.T.: 4.484 min
Delta R.T.: -0.008 min
Response: 2278335
Conc: 21.14 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



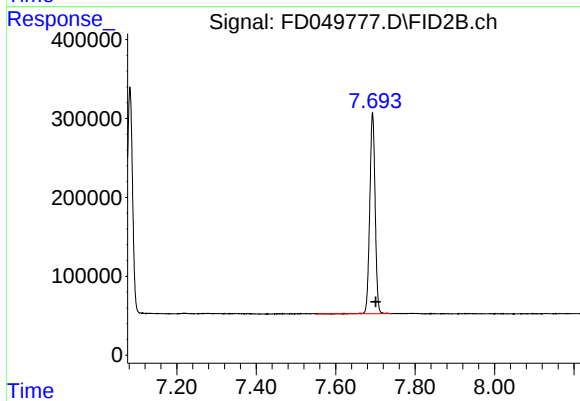
#2 Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: -0.007 min
Response: 2640936
Conc: 21.24 ug/ml



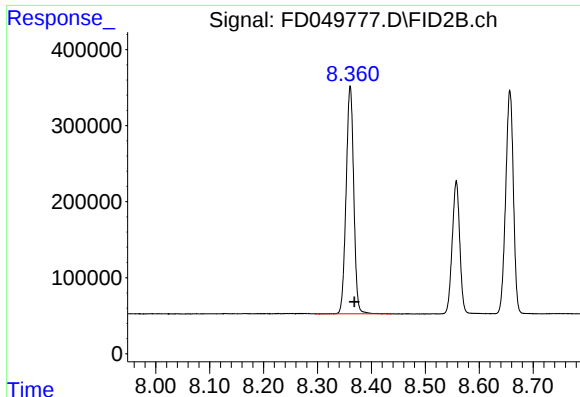
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.082 min
Delta R.T.: -0.008 min
Response: 2768911
Conc: 21.24 ug/ml



#4 2-Bromonaphthalene (SURR)

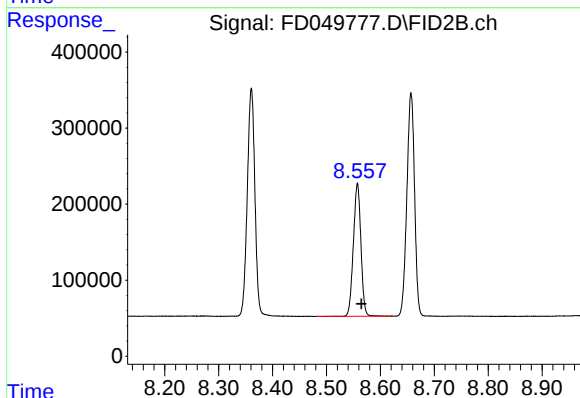
R.T.: 7.693 min
Delta R.T.: -0.008 min
Response: 2376032
Conc: 21.13 ug/ml



#5 Acenaphthylene (C15.06)

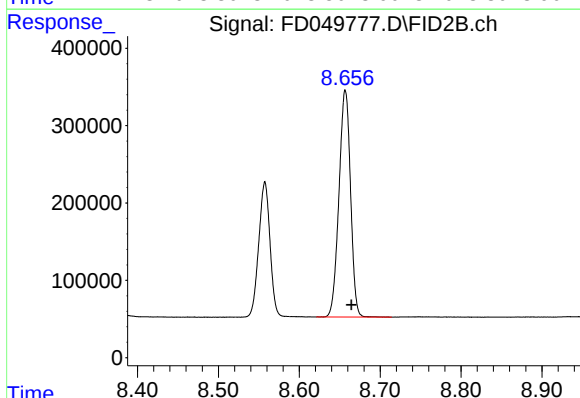
R.T.: 8.361 min
Delta R.T.: -0.008 min
Response: 2944120
Conc: 21.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



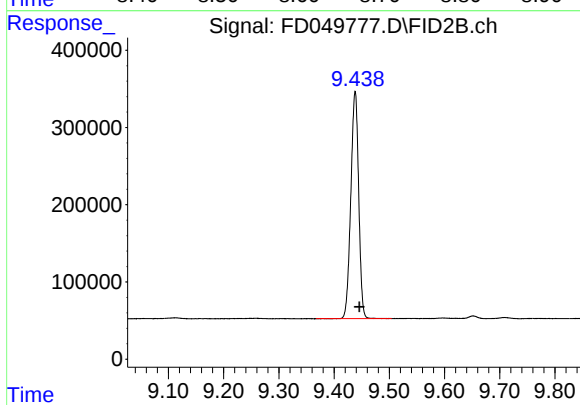
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 1692914
Conc: 21.09 ug/ml



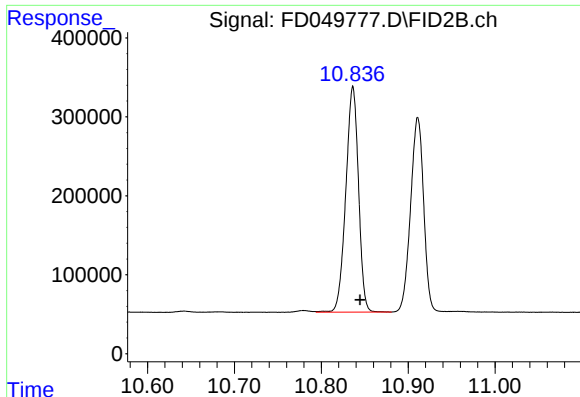
#7 Acenaphthene (C15.5)

R.T.: 8.657 min
Delta R.T.: -0.008 min
Response: 2913409
Conc: 21.02 ug/ml



#8 Fluorene (C16.55)

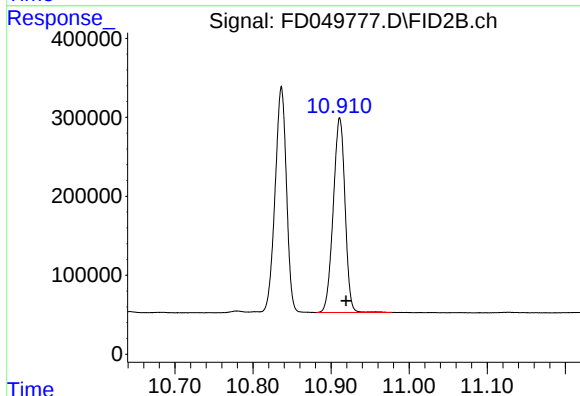
R.T.: 9.438 min
Delta R.T.: -0.008 min
Response: 2901423
Conc: 20.92 ug/ml



#9 Phenanthrene (C19.36)

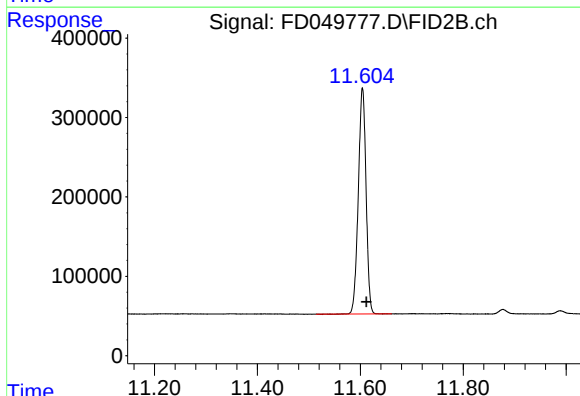
R.T.: 10.836 min
Delta R.T.: -0.008 min
Response: 2902704
Conc: 20.84 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



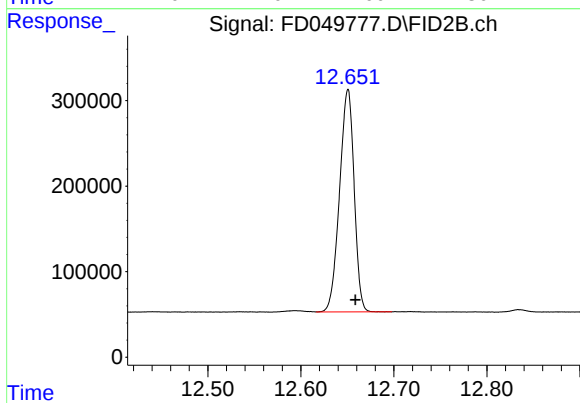
#10 Anthracene (C19.43)

R.T.: 10.911 min
Delta R.T.: -0.008 min
Response: 2589785
Conc: 19.61 ug/ml



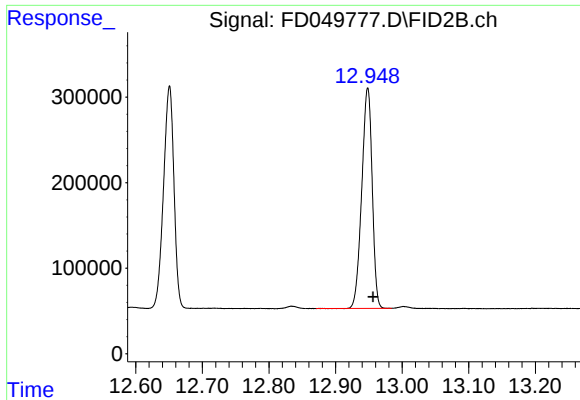
#11 ortho-Terphenyl (SURR)

R.T.: 11.604 min
Delta R.T.: -0.008 min
Response: 2978293
Conc: 21.05 ug/ml



#12 Fluoranthene (C21.85)

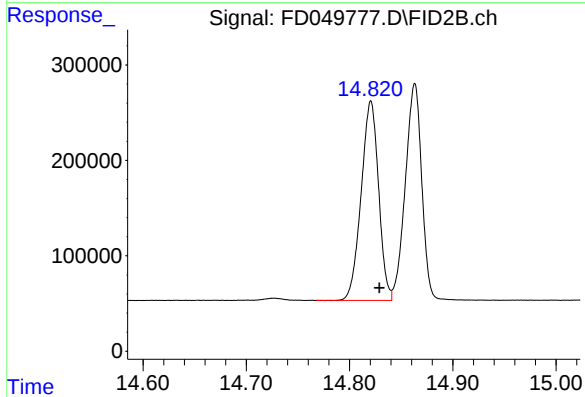
R.T.: 12.650 min
Delta R.T.: -0.008 min
Response: 2832339
Conc: 21.03 ug/ml



#13 Pyrene (C20.8)

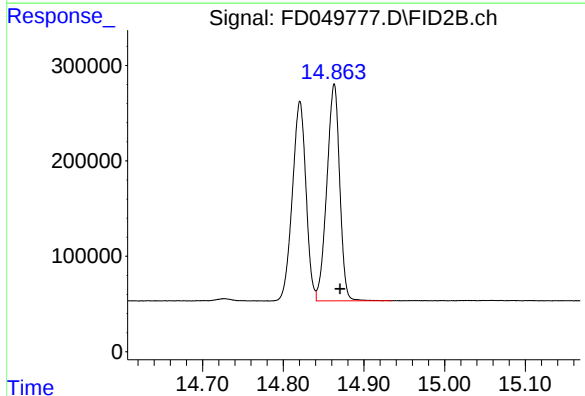
R.T.: 12.948 min
Delta R.T.: -0.008 min
Response: 2804808
Conc: 21.08 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



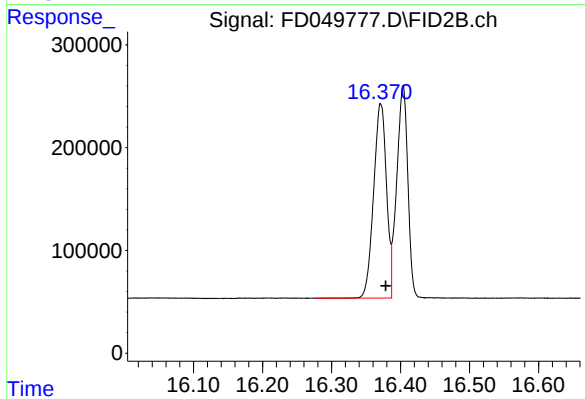
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: -0.008 min
Response: 2447055
Conc: 20.46 ug/ml



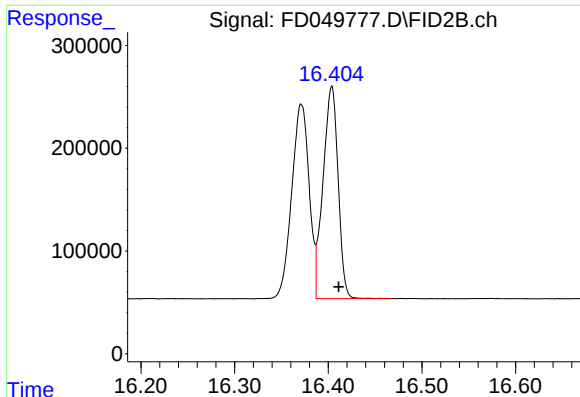
#15 Chrysene (C27.41)

R.T.: 14.863 min
Delta R.T.: -0.008 min
Response: 2516573
Conc: 20.69 ug/ml



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

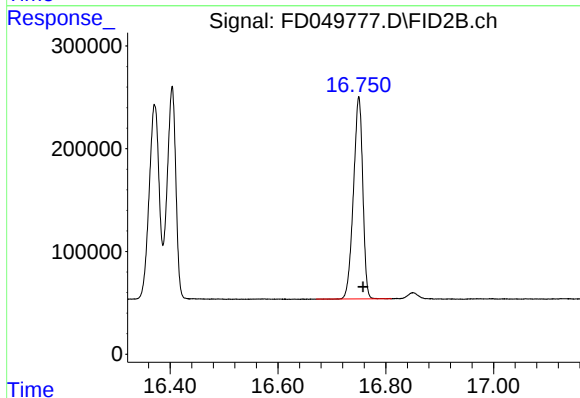
R.T.: 16.371 min
Delta R.T.: -0.008 min
Response: 2452236
Conc: 20.46 ug/ml



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

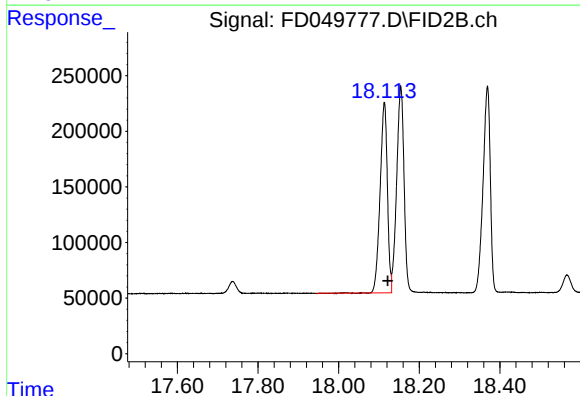
R.T.: 16.404 min
Delta R.T.: -0.008 min
Response: 2305737
Conc: 20.46 ug/ml

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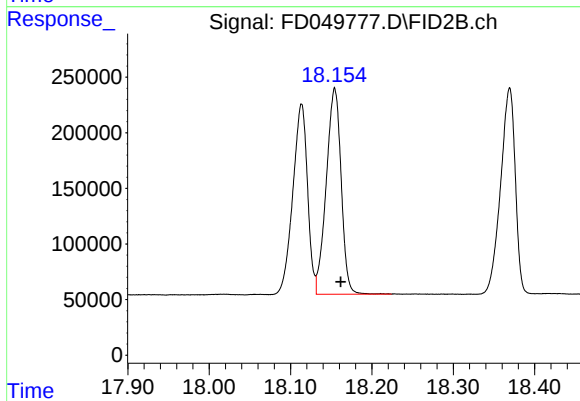
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: -0.008 min
Response: 2360032
Conc: 20.11 ug/ml



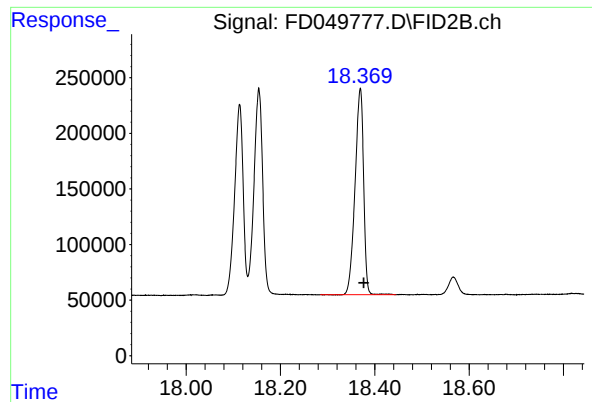
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.113 min
Delta R.T.: -0.008 min
Response: 2146819
Conc: 19.73 ug/ml



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

R.T.: 18.154 min
Delta R.T.: -0.008 min
Response: 2355279
Conc: 20.67 ug/ml



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

R.T.: 18.369 min
Delta R.T.: -0.008 min
Response: 2335279
Conc: 20.07 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD