

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052425AR\
 Data File : FD049401.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 19:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 27 03:18:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.737	3424908	20.603 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
6) S 2-Fluorobiphenyl (SURR)	8.603	2372144	20.736 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.47%
11) S ortho-Terphenyl (SURR)	11.648	4174205	20.796 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	3241939	20.376 ug/ml
2) T Naphthalene (C11.7)	6.072	3607317	20.545 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	3689192	20.651 ug/ml
5) T Acenaphthylene (C15.06)	8.406	4006393	20.682 ug/ml
7) T Acenaphthene (C15.5)	8.702	3941068	20.719 ug/ml
8) T Flouorene (C16.55)	9.484	4066119	20.796 ug/ml
9) T Phenanthrene (C19.36)	10.883	3972017	20.890 ug/ml
10) T Anthracene (C19.43)	10.957	3624043	20.730 ug/ml
12) T Fluoranthene (C21.85)	12.696	3785595	20.987 ug/ml
13) T Pyrene (C20.8)	12.995	3741762	20.964 ug/ml
14) T Benzo[a]anthracene (C...	14.866	3186082	20.963 ug/ml
15) T Chrysene (C27.41)	14.909	3184333	20.970 ug/ml
16) T benzo[b]fluoranthene ...	16.416	3017284	20.845 ug/ml
17) T Bnezo[k]fluoranthene ...	16.449	2991260	20.845 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2821464	20.759 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.160	2619102	20.505 ug/ml
20) T Dibenz[a,h]anthracene...	18.200	2777973	20.635 ug/ml
21) T Benzo[g,h,i]perylene ...	18.416	2784358	20.658 ug/ml

(f)=RT Delta > 1/2 Window

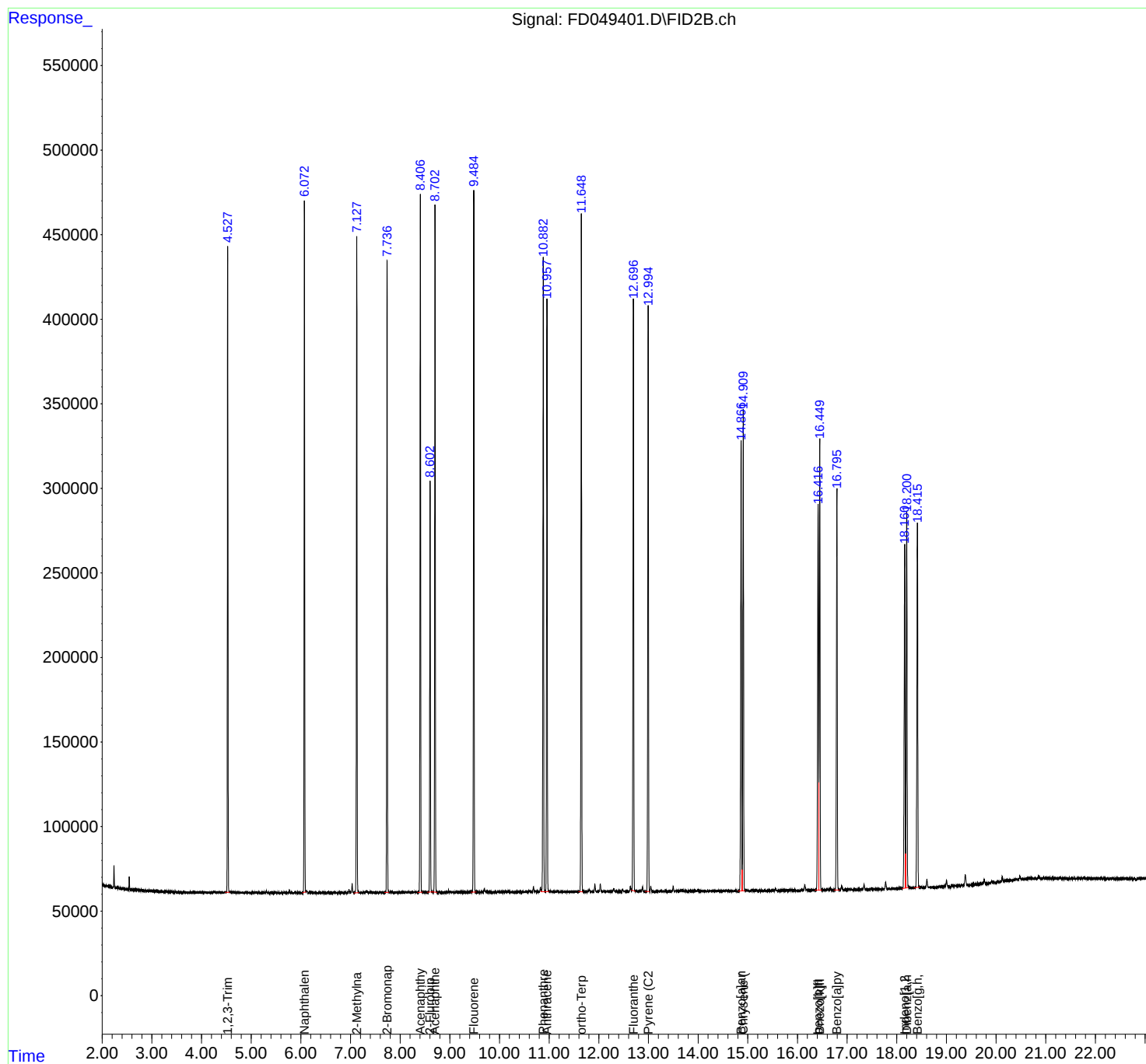
(m)=manual int.

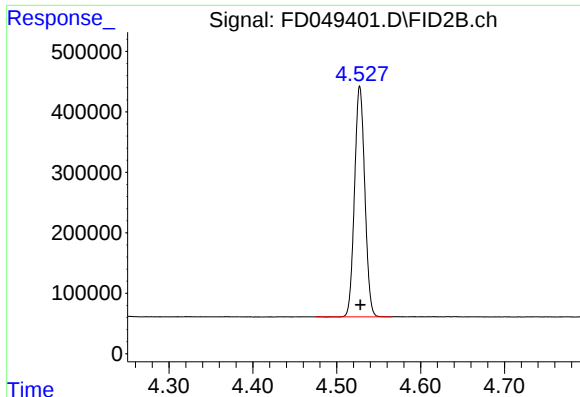
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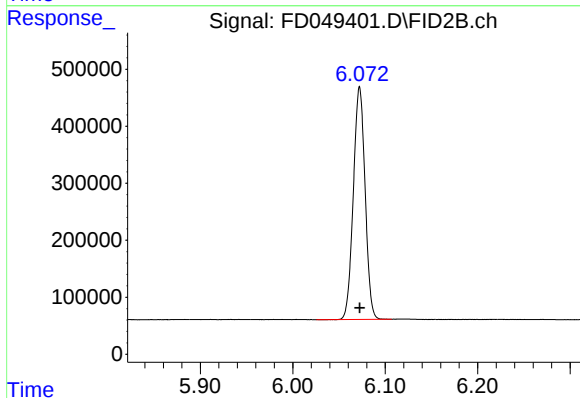




#1 1,2,3-Trimethylbenzene (C10.1)

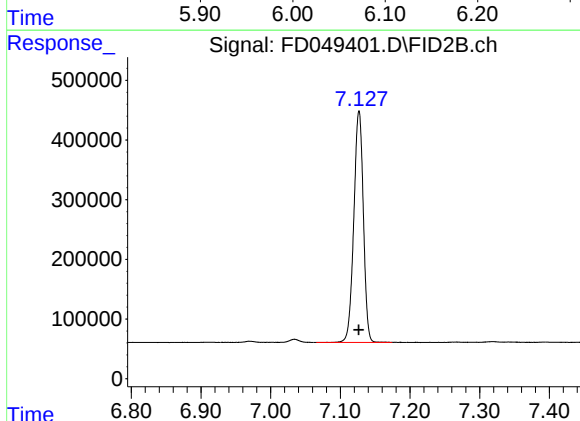
R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 3241939
Conc: 20.38 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



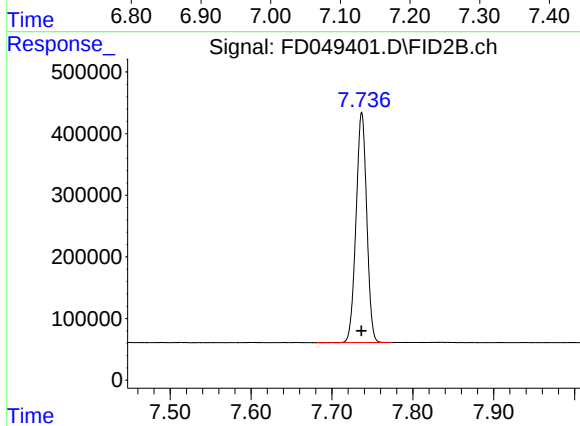
#2 Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 3607317
Conc: 20.54 ug/ml



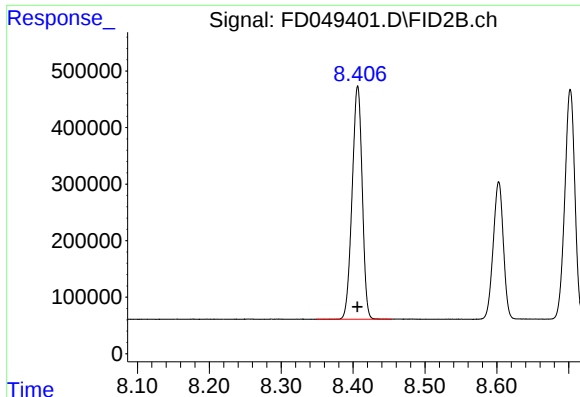
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.000 min
Response: 3689192
Conc: 20.65 ug/ml



#4 2-Bromonaphthalene (SURR)

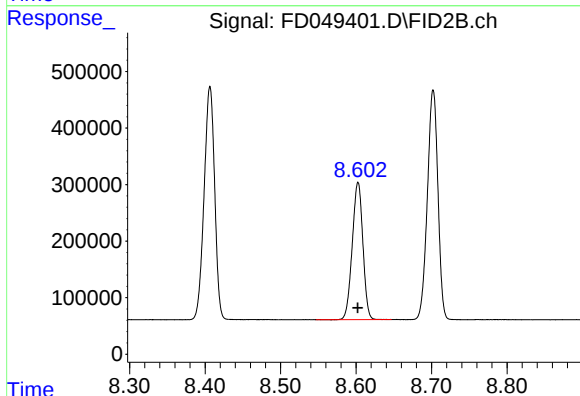
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 3424908
Conc: 20.60 ug/ml



#5 Acenaphthylene (C15.06)

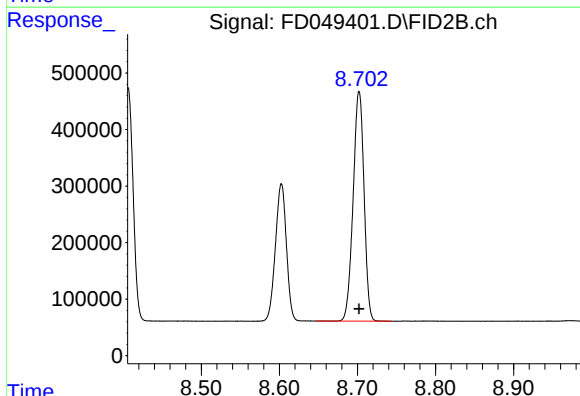
R.T.: 8.406 min
Delta R.T.: 0.000 min
Response: 4006393
Conc: 20.68 ug/ml

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20 PPM AROMATIC HC STD



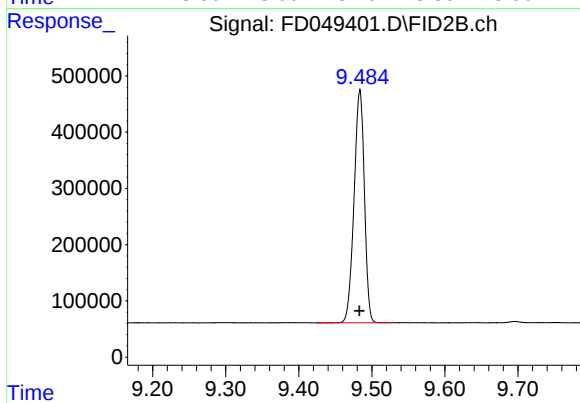
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 2372144
Conc: 20.74 ug/ml



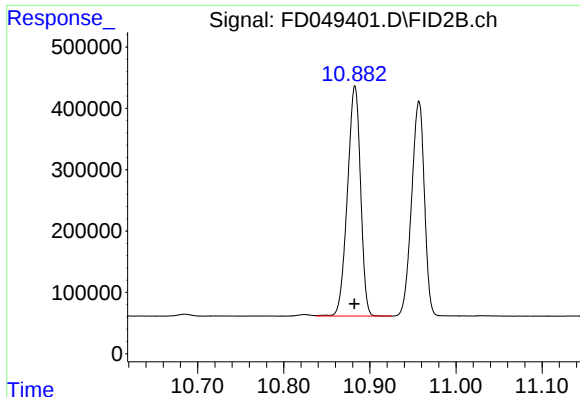
#7 Acenaphthene (C15.5)

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 3941068
Conc: 20.72 ug/ml



#8 Fluorene (C16.55)

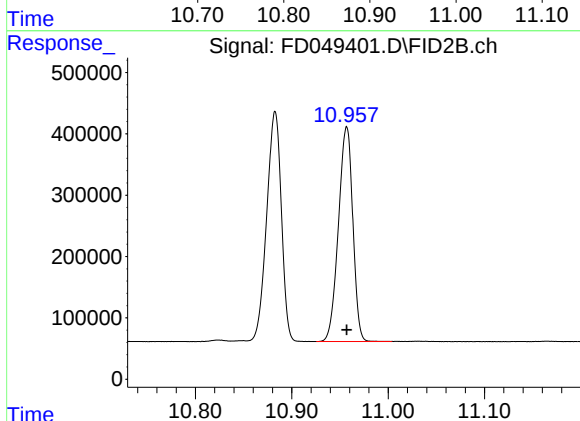
R.T.: 9.484 min
Delta R.T.: 0.000 min
Response: 4066119
Conc: 20.80 ug/ml



#9 Phenanthrene (C19.36)

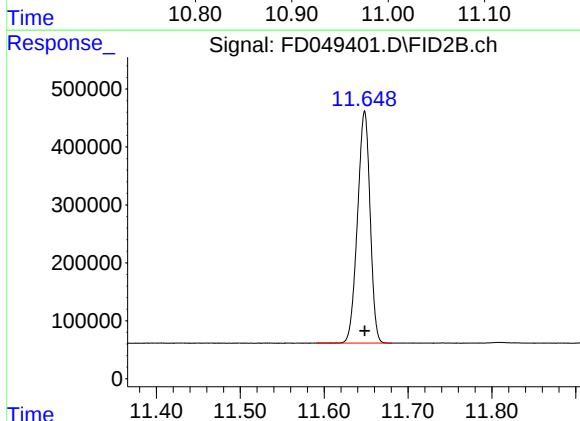
R.T.: 10.883 min
Delta R.T.: 0.000 min
Response: 3972017
Conc: 20.89 ug/ml

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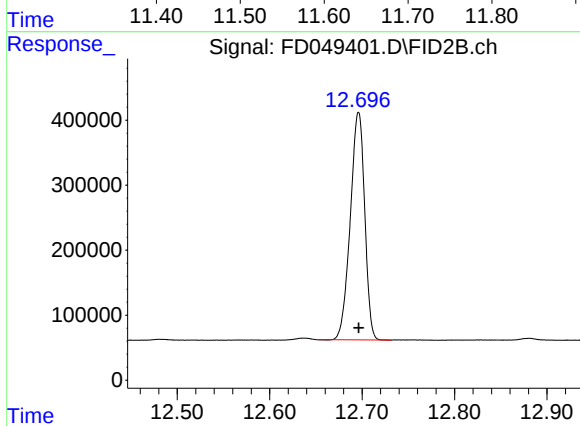
#10 Anthracene (C19.43)

R.T.: 10.957 min
Delta R.T.: 0.000 min
Response: 3624043
Conc: 20.73 ug/ml



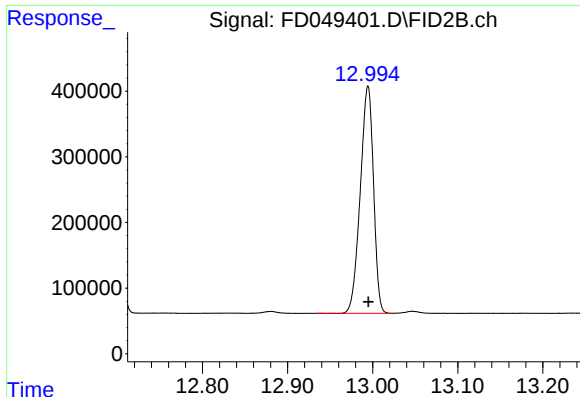
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 4174205
Conc: 20.80 ug/ml



#12 Fluoranthene (C21.85)

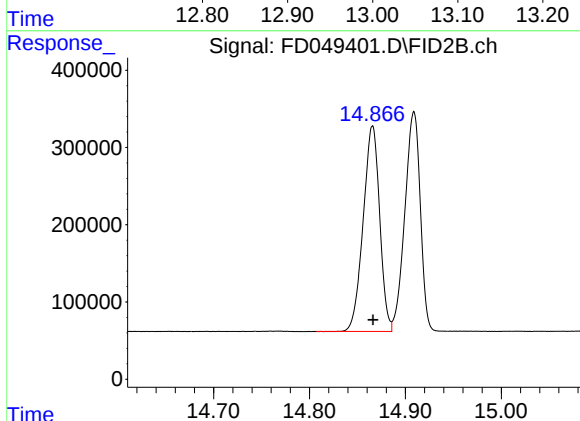
R.T.: 12.696 min
Delta R.T.: 0.000 min
Response: 3785595
Conc: 20.99 ug/ml



#13 Pyrene (C20.8)

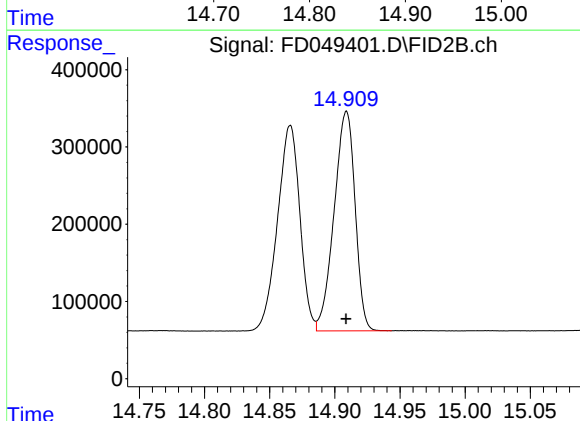
R.T.: 12.995 min
Delta R.T.: 0.000 min
Response: 3741762
Conc: 20.96 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



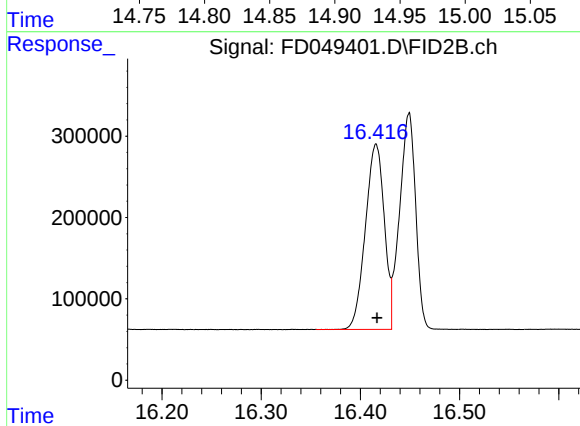
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min
Delta R.T.: 0.000 min
Response: 3186082
Conc: 20.96 ug/ml



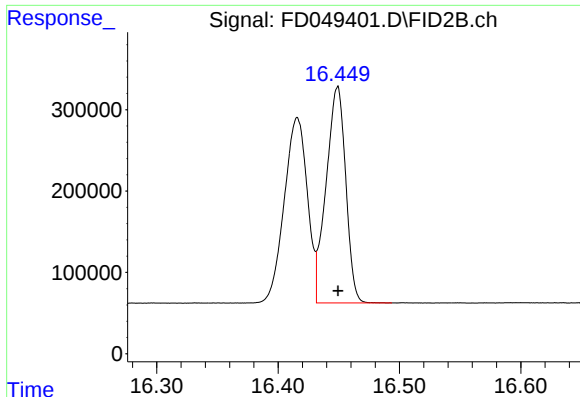
#15 Chrysene (C27.41)

R.T.: 14.909 min
Delta R.T.: 0.000 min
Response: 3184333
Conc: 20.97 ug/ml



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

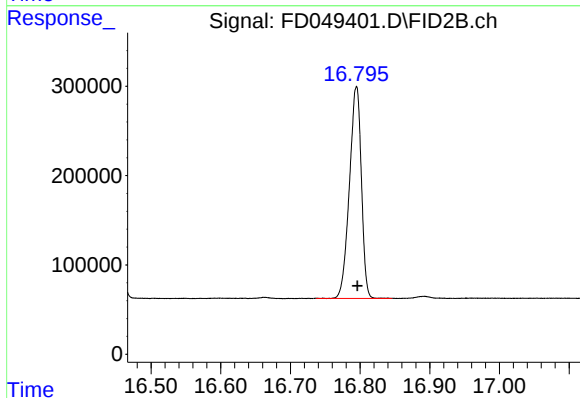
R.T.: 16.416 min
Delta R.T.: -0.001 min
Response: 3017284
Conc: 20.85 ug/ml



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

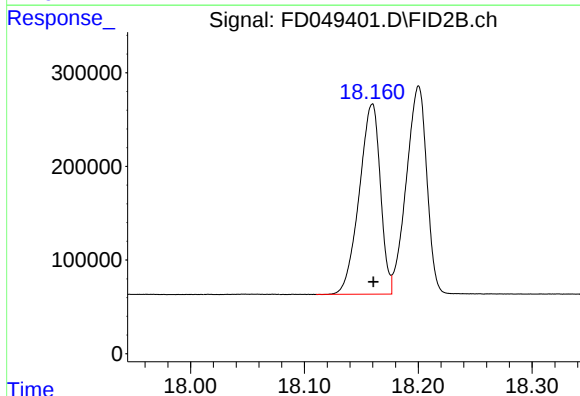
R.T.: 16.449 min
Delta R.T.: 0.000 min
Response: 2991260
Conc: 20.85 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



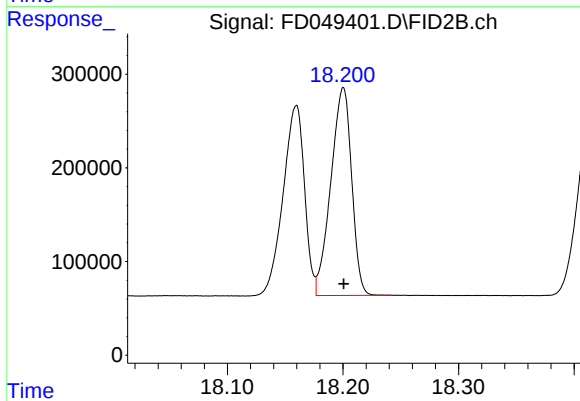
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.795 min
Delta R.T.: -0.001 min
Response: 2821464
Conc: 20.76 ug/ml



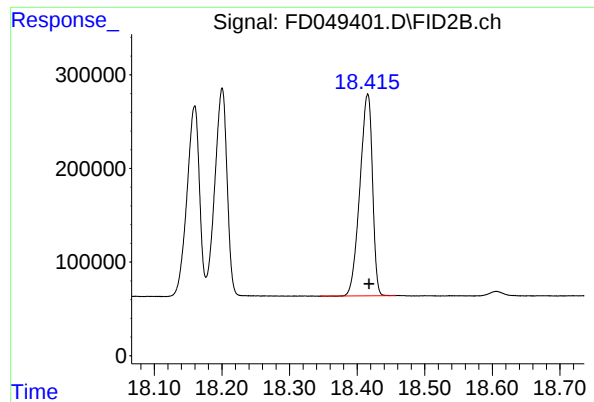
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.160 min
Delta R.T.: -0.001 min
Response: 2619102
Conc: 20.50 ug/ml



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

R.T.: 18.200 min
Delta R.T.: 0.000 min
Response: 2777973
Conc: 20.63 ug/ml



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

R.T.: 18.416 min
Delta R.T.: -0.002 min
Response: 2784358
Conc: 20.66 ug/ml

Instrument :

FID_D

ClientSampleId :

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