

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061125AR\
 Data File : FD049449.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 04:46
 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: Jun 12 07:15:00 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...	7.732	3078791	18.521 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
6) S 2-Fluorobiphenyl (SURR)	8.598	2132154	18.638 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.28%
11) S ortho-Terphenyl (SURR)	11.643	3562730	17.750 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	3139699	19.734 ug/ml
2) T Naphthalene (C11.7)	6.069	3401032	19.370 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	3375685	18.896 ug/ml
5) T Acenaphthylene (C15.06)	8.401	3597203	18.570 ug/ml
7) T Acenaphthene (C15.5)	8.698	3508988	18.447 ug/ml
8) T Fluorene (C16.55)	9.478	3575289	18.286 ug/ml
9) T Phenanthrene (C19.36)	10.877	3520542	18.516 ug/ml
10) T Anthracene (C19.43)	10.951	3114496	17.815 ug/ml
12) T Fluoranthene (C21.85)	12.690	3487559	19.335 ug/ml
13) T Pyrene (C20.8)	12.988	3477897	19.486 ug/ml
14) T Benzo[a]anthracene (C...	14.860	3129210	20.589 ug/ml
15) T Chrysene (C27.41)	14.903	3152090	20.757 ug/ml
16) T benzo[b]fluoranthene ...	16.410	3125894	21.596 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	3076294	21.438 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.790	2952928	21.726 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	2799876	21.920 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	2999769	22.282 ug/ml
21) T Benzo[g,h,i]perylene ...	18.410	2995325	22.223 ug/ml

(f)=RT Delta > 1/2 Window

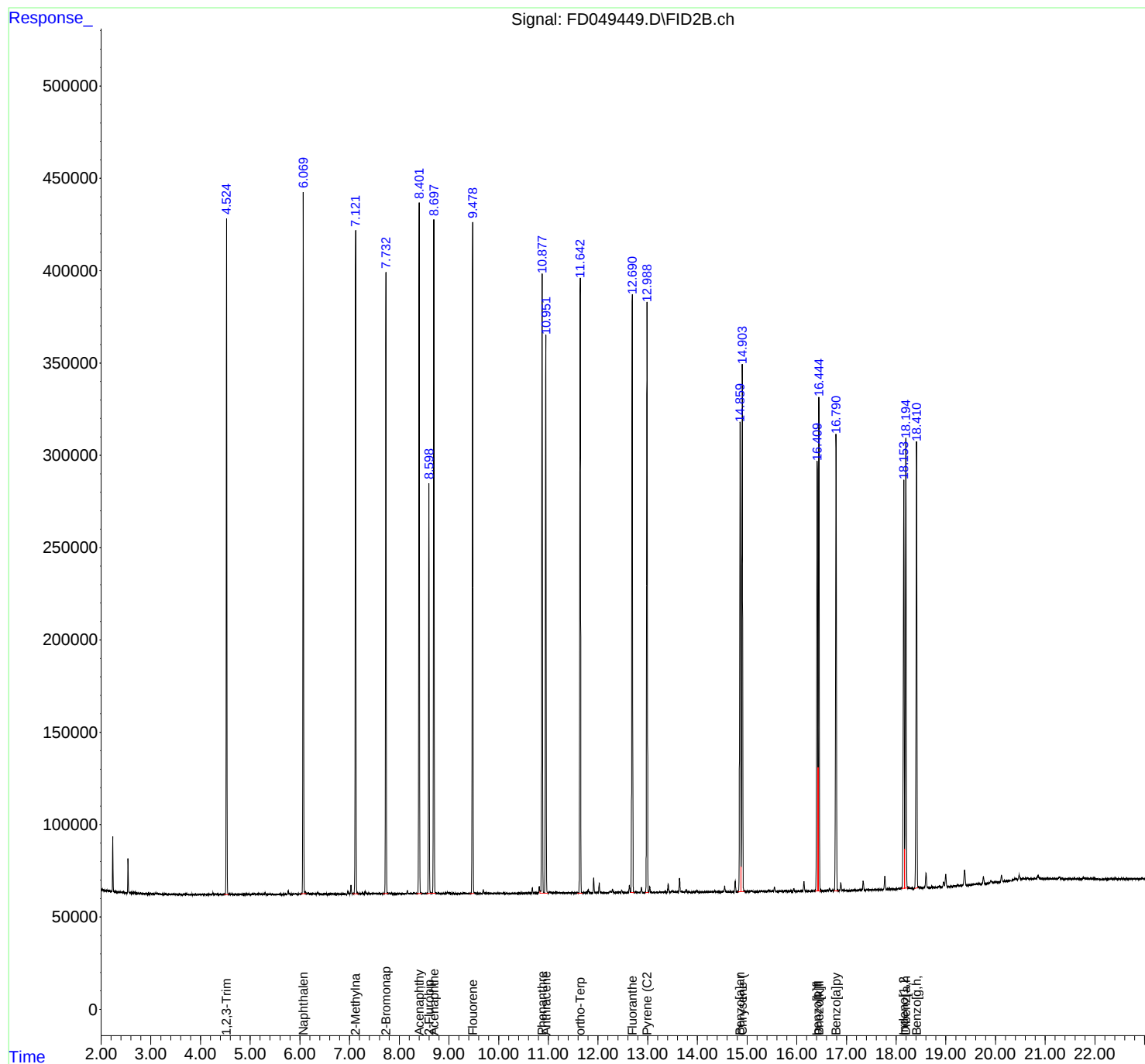
(m)=manual int.

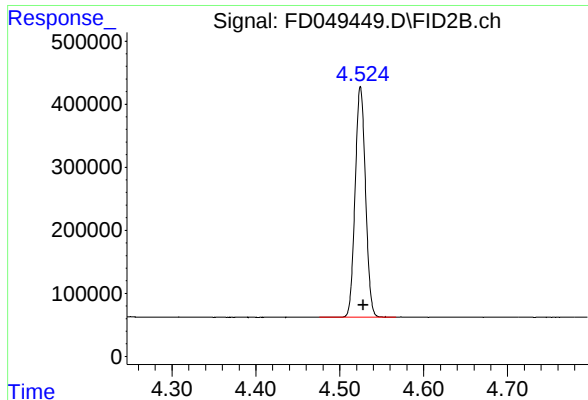
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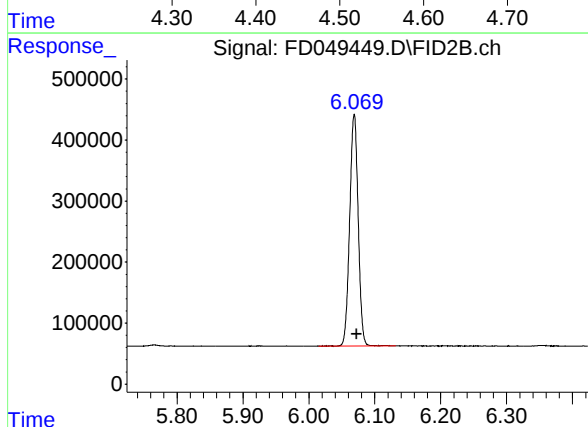




#1 1,2,3-Trimethylbenzene (C10.1)

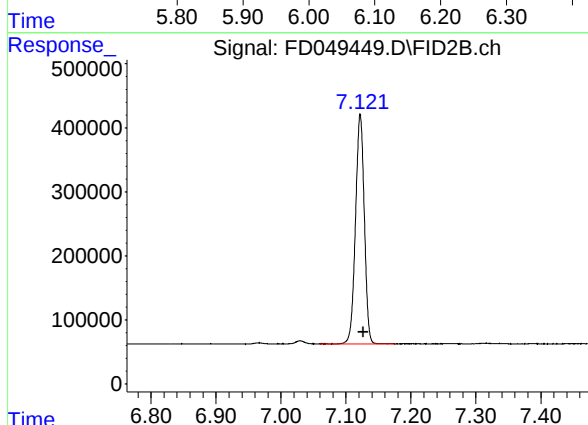
R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 3139699
Conc: 19.73 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



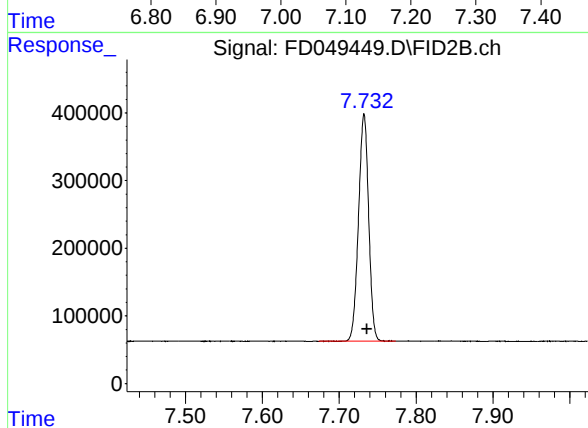
#2 Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 3401032
Conc: 19.37 ug/ml



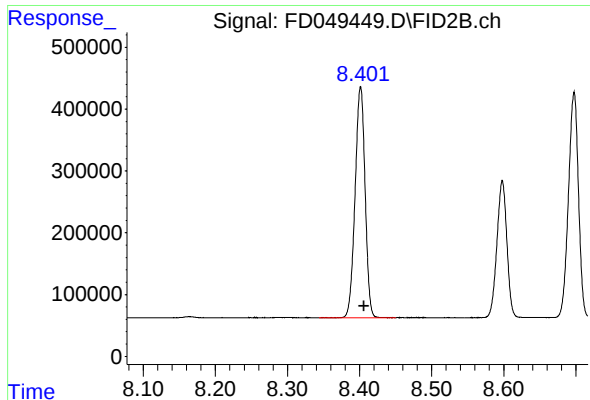
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.004 min
Response: 3375685
Conc: 18.90 ug/ml



#4 2-Bromonaphthalene (SURR)

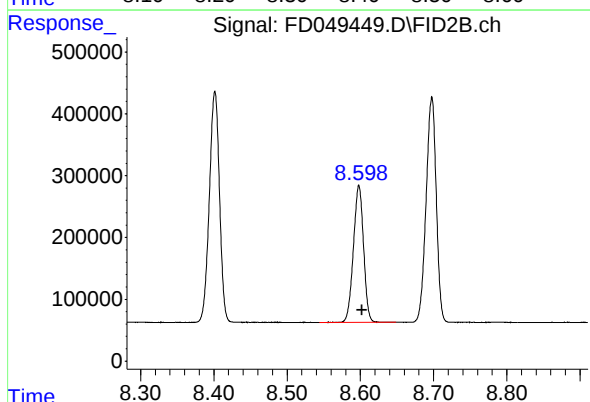
R.T.: 7.732 min
Delta R.T.: -0.004 min
Response: 3078791
Conc: 18.52 ug/ml



#5 Acenaphthylene (C15.06)

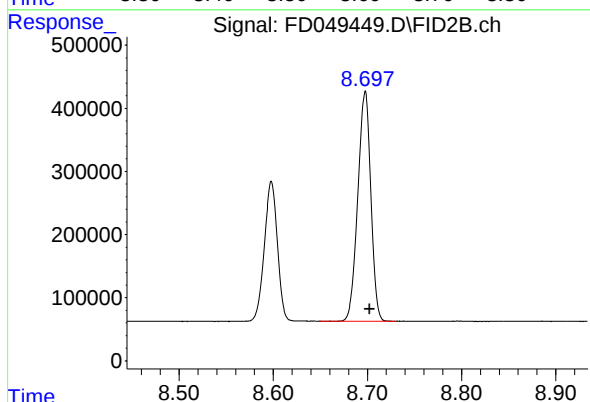
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 3597203
Conc: 18.57 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



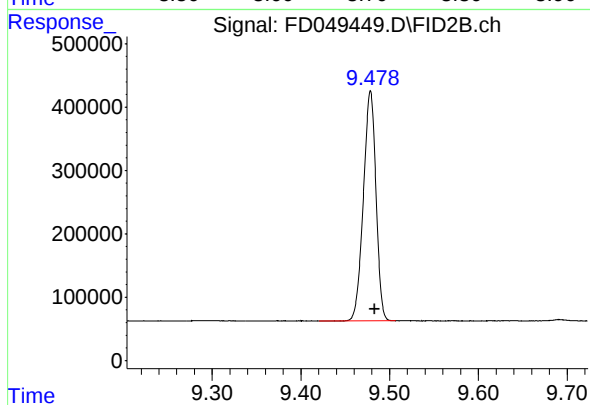
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 2132154
Conc: 18.64 ug/ml



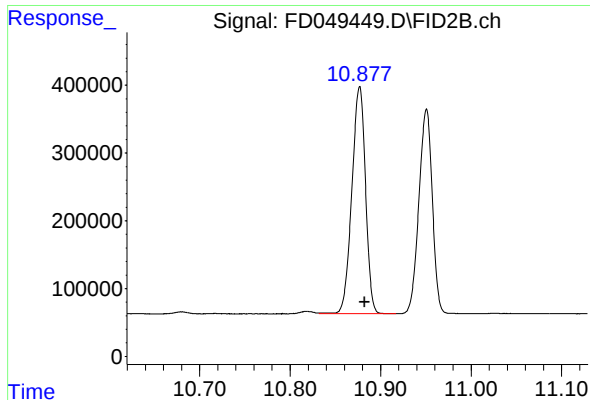
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: -0.005 min
Response: 3508988
Conc: 18.45 ug/ml



#8 Flouorene (C16.55)

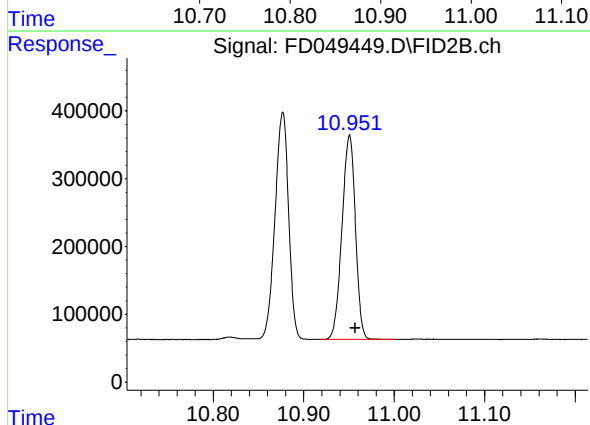
R.T.: 9.478 min
Delta R.T.: -0.005 min
Response: 3575289
Conc: 18.29 ug/ml



#9 Phenanthrene (C19.36)

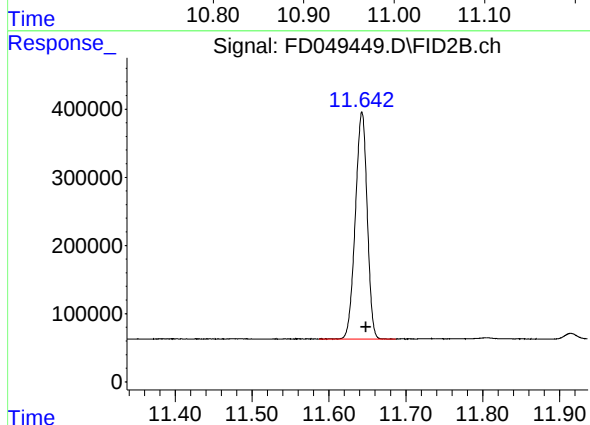
R.T.: 10.877 min
Delta R.T.: -0.005 min
Response: 3520542
Conc: 18.52 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



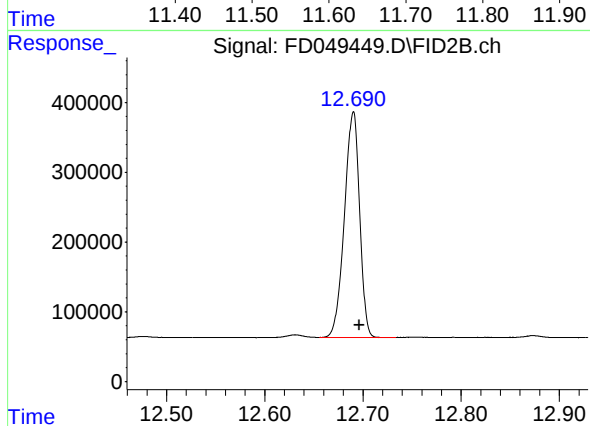
#10 Anthracene (C19.43)

R.T.: 10.951 min
Delta R.T.: -0.006 min
Response: 3114496
Conc: 17.82 ug/ml



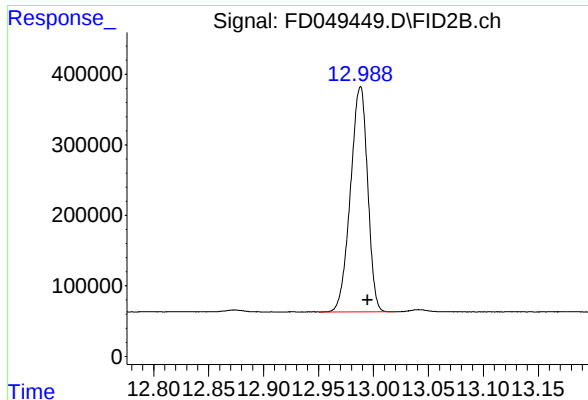
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: -0.005 min
Response: 3562730
Conc: 17.75 ug/ml



#12 Fluoranthene (C21.85)

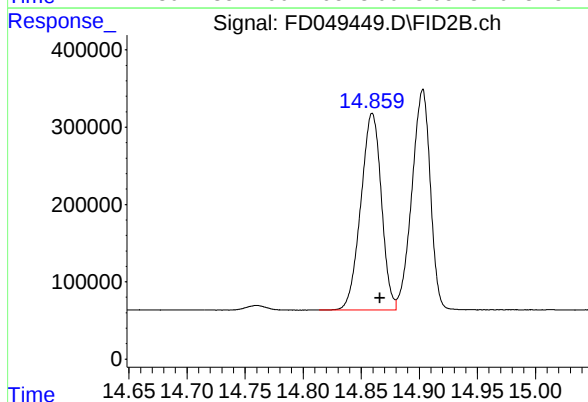
R.T.: 12.690 min
Delta R.T.: -0.006 min
Response: 3487559
Conc: 19.33 ug/ml



#13 Pyrene (C20.8)

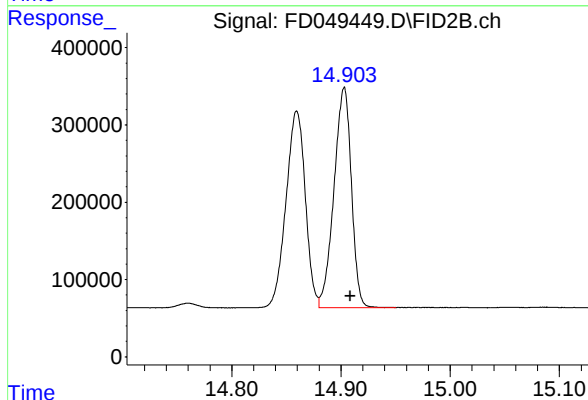
R.T.: 12.988 min
Delta R.T.: -0.007 min
Response: 3477897
Conc: 19.49 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



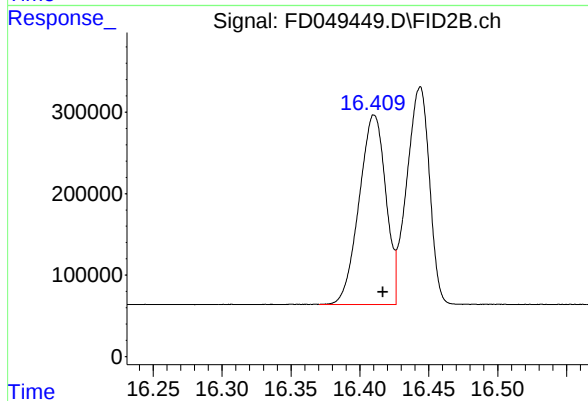
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: -0.007 min
Response: 3129210
Conc: 20.59 ug/ml



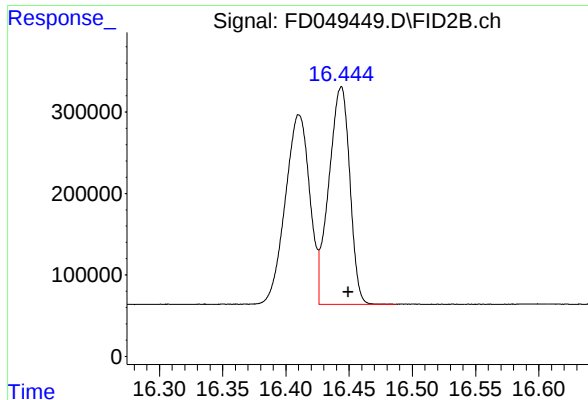
#15 Chrysene (C27.41)

R.T.: 14.903 min
Delta R.T.: -0.006 min
Response: 3152090
Conc: 20.76 ug/ml



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

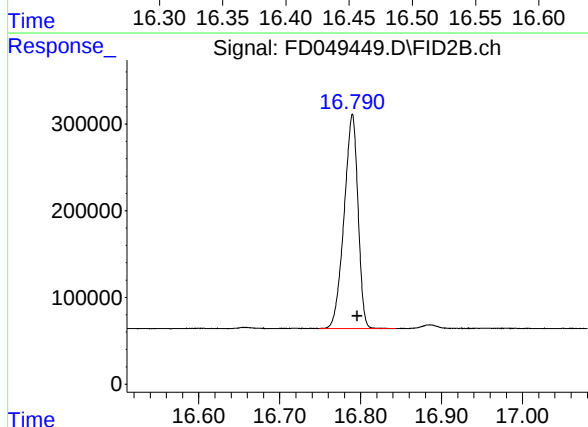
R.T.: 16.410 min
Delta R.T.: -0.006 min
Response: 3125894
Conc: 21.60 ug/ml



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

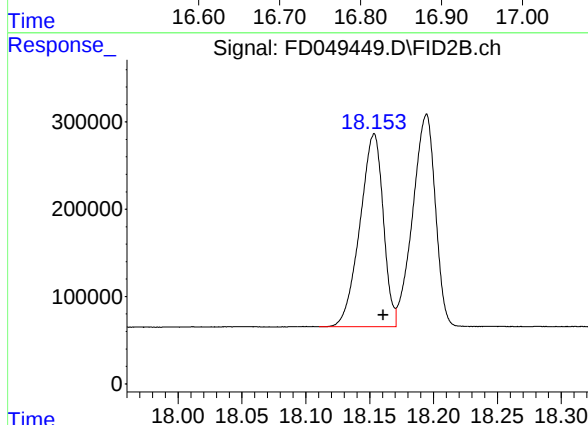
R.T.: 16.444 min
Delta R.T.: -0.006 min
Response: 3076294
Conc: 21.44 ug/ml

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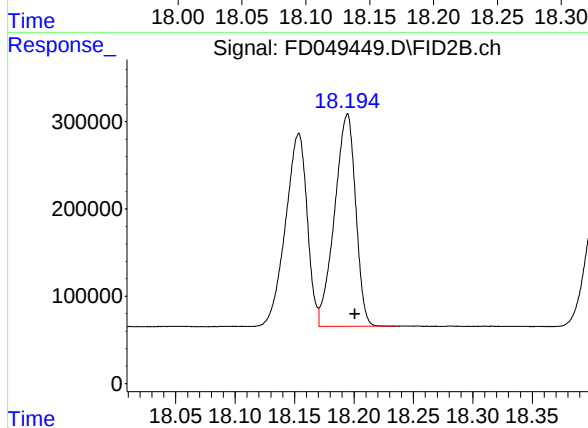
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.790 min
Delta R.T.: -0.006 min
Response: 2952928
Conc: 21.73 ug/ml



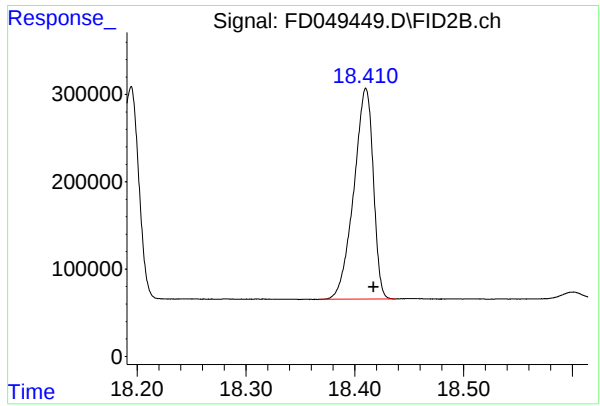
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.153 min
Delta R.T.: -0.007 min
Response: 2799876
Conc: 21.92 ug/ml



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

R.T.: 18.194 min
Delta R.T.: -0.006 min
Response: 2999769
Conc: 22.28 ug/ml



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

R.T.: 18.410 min
Delta R.T.: -0.007 min
Response: 2995325
Conc: 22.22 ug/ml

Instrument :

FID_D

ClientSampleId :

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