

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040825AR\
 Data File : FD049242.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2025 12:02
 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: Apr 09 02:35:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 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...	7.751	2975973	20.090 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
6) S 2-Fluorobiphenyl (SURR)	8.617	2035565	19.956 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.91%
11) S ortho-Terphenyl (SURR)	11.660	3473576	19.716 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	3054345	20.383 ug/ml
2) T Naphthalene (C11.7)	6.087	3241271	19.796 ug/ml
3) T 2-Methylnaphthalene (...)	7.141	3249377	20.089 ug/ml
5) T Acenaphthylene (C15.06)	8.421	3498731	19.807 ug/ml
7) T Acenaphthene (C15.5)	8.717	3421761	19.861 ug/ml
8) T Fluorene (C16.55)	9.497	3465136	19.871 ug/ml
9) T Phenanthrene (C19.36)	10.896	3408827	19.864 ug/ml
10) T Anthracene (C19.43)	10.971	3143915	20.013 ug/ml
12) T Fluoranthene (C21.85)	12.709	3387691	20.042 ug/ml
13) T Pyrene (C20.8)	13.008	3365086	20.064 ug/ml
14) T Benzo[a]anthracene (C...	14.878	2939995	20.453 ug/ml
15) T Chrysene (C27.41)	14.920	2950922	20.451 ug/ml
16) T benzo[b]fluoranthene ...	16.427	2833106	20.364 ug/ml
17) T Bnezo[k]fluoranthene ...	16.460	2793251	20.423 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.806	2645427	20.344 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.169	2475835	20.084 ug/ml
20) T Dibenz[a,h]anthracene...	18.208	2612324	20.659 ug/ml
21) T Benzo[g,h,i]perylene ...	18.425	2655352	20.340 ug/ml

(f)=RT Delta > 1/2 Window

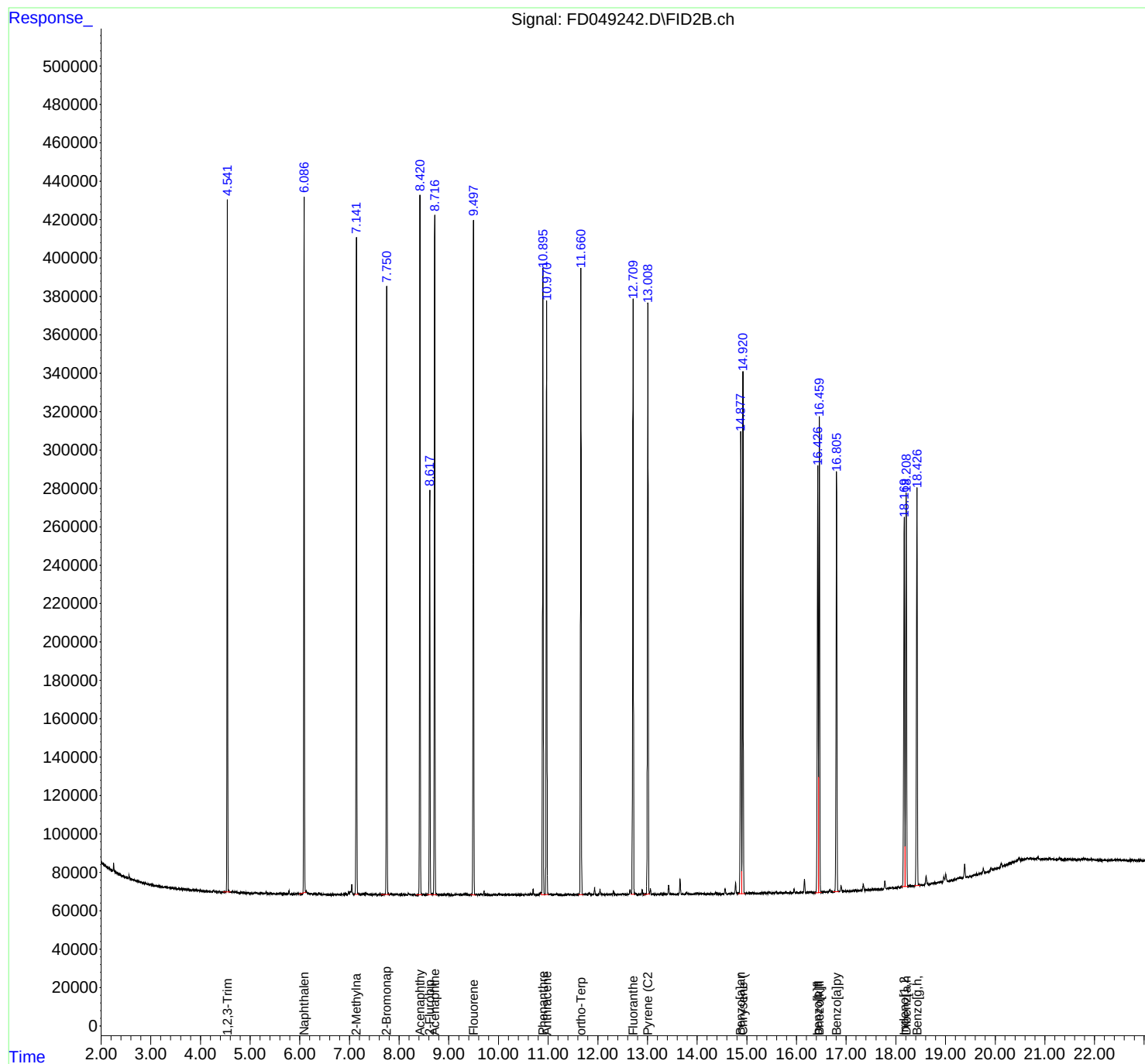
(m)=manual int.

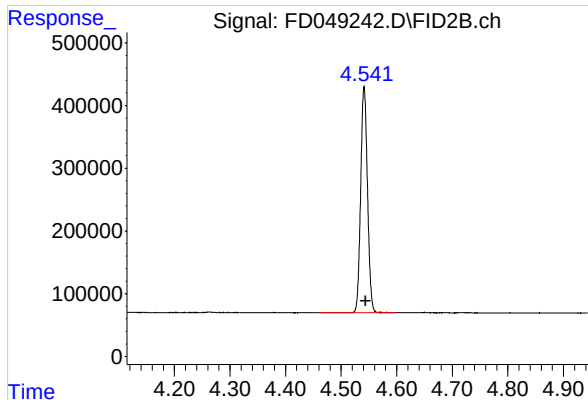
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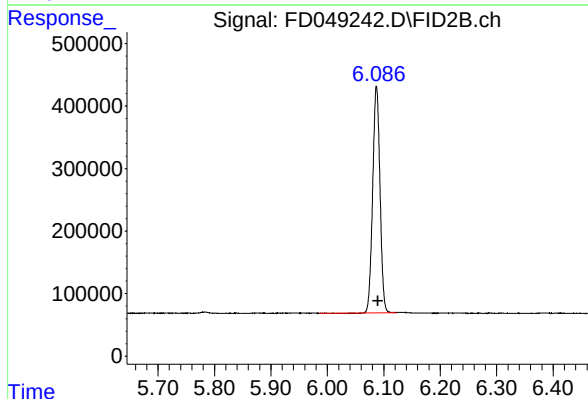




#1 1,2,3-Trimethylbenzene (C10.1)

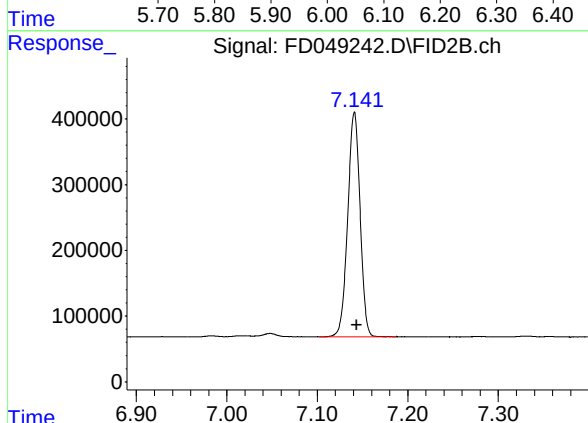
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 3054345
Conc: 20.38 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



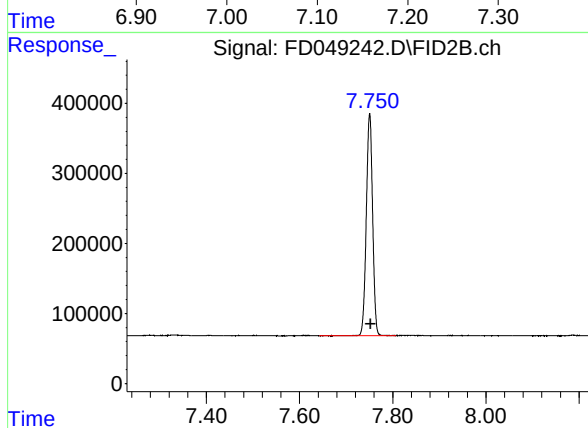
#2 Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 3241271
Conc: 19.80 ug/ml



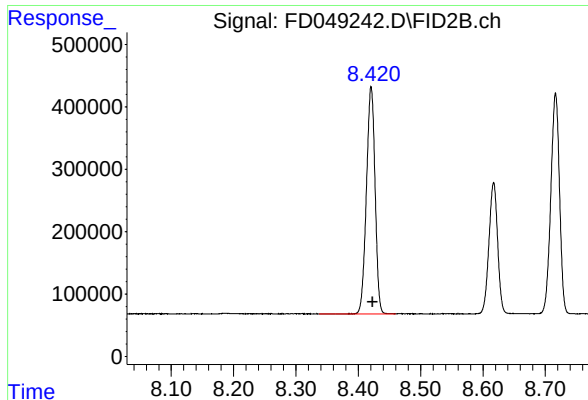
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: -0.002 min
Response: 3249377
Conc: 20.09 ug/ml



#4 2-Bromonaphthalene (SURR)

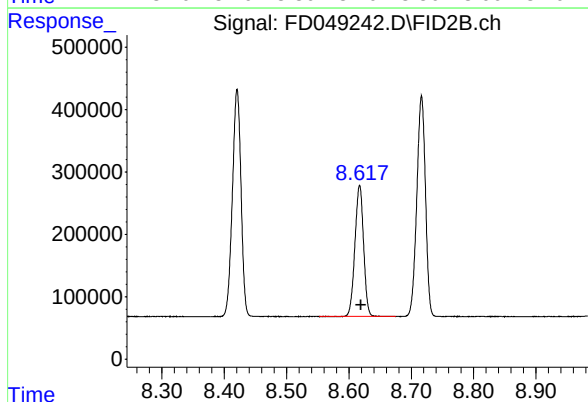
R.T.: 7.751 min
Delta R.T.: -0.002 min
Response: 2975973
Conc: 20.09 ug/ml



#5 Acenaphthylene (C15.06)

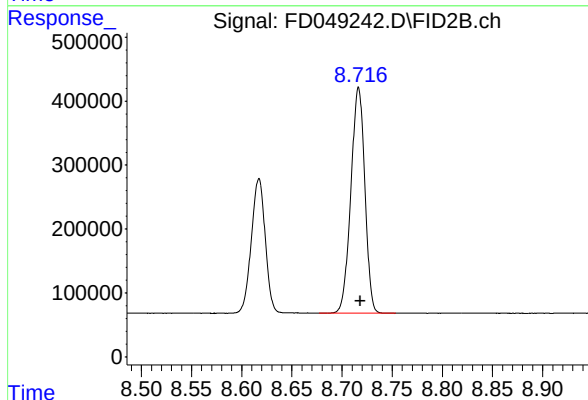
R.T.: 8.421 min
Delta R.T.: -0.002 min
Response: 3498731
Conc: 19.81 ug/ml

Instrument :
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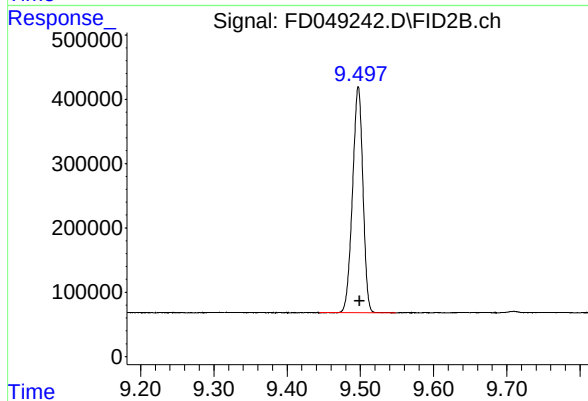
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.617 min
Delta R.T.: -0.002 min
Response: 2035565
Conc: 19.96 ug/ml



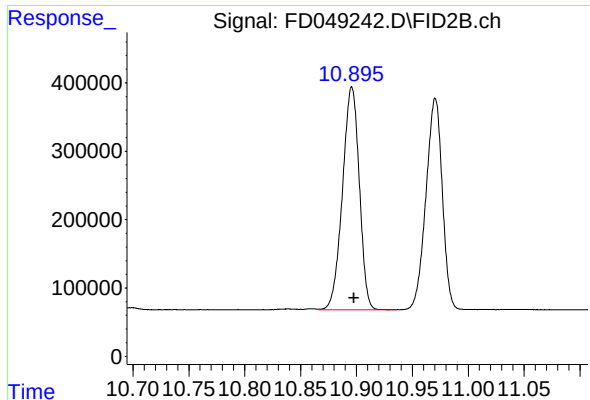
#7 Acenaphthene (C15.5)

R.T.: 8.717 min
Delta R.T.: -0.002 min
Response: 3421761
Conc: 19.86 ug/ml



#8 Flouorene (C16.55)

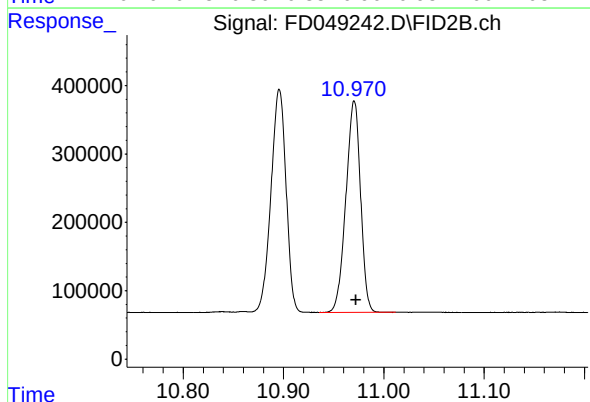
R.T.: 9.497 min
Delta R.T.: -0.002 min
Response: 3465136
Conc: 19.87 ug/ml



#9 Phenanthrene (C19.36)

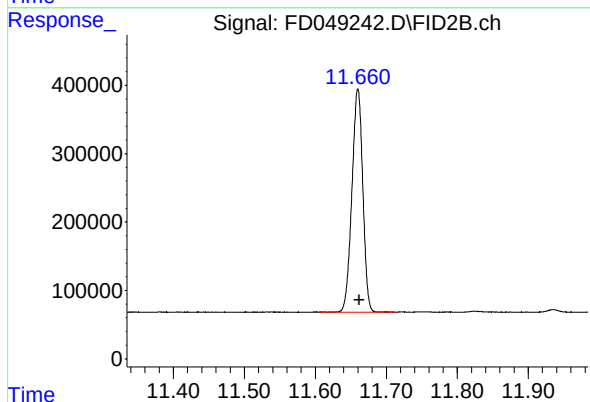
R.T.: 10.896 min
Delta R.T.: -0.002 min
Response: 3408827
Conc: 19.86 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



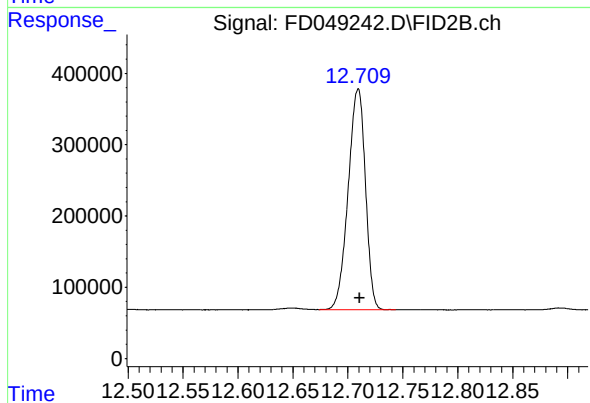
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: -0.001 min
Response: 3143915
Conc: 20.01 ug/ml



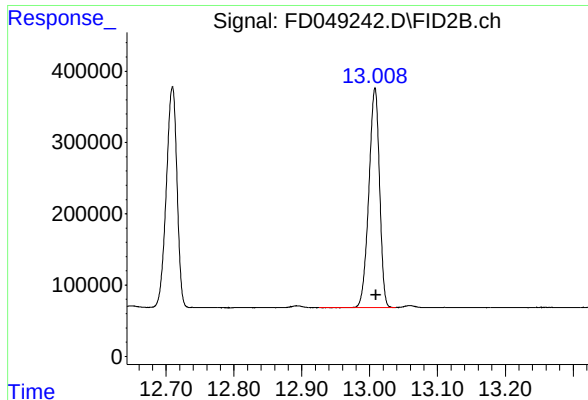
#11 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 3473576
Conc: 19.72 ug/ml



#12 Fluoranthene (C21.85)

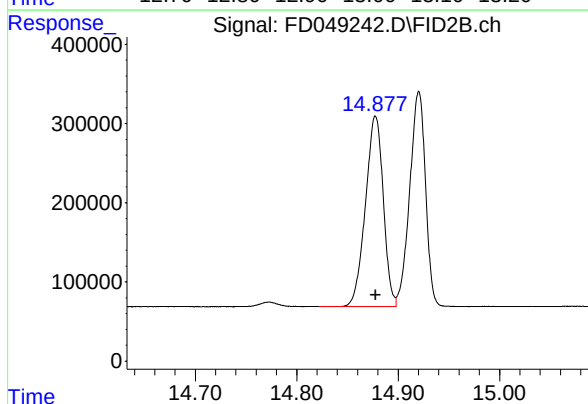
R.T.: 12.709 min
Delta R.T.: -0.001 min
Response: 3387691
Conc: 20.04 ug/ml



#13 Pyrene (C20.8)

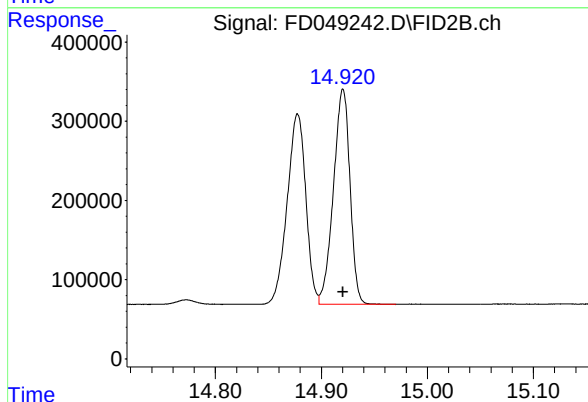
R.T.: 13.008 min
Delta R.T.: -0.001 min
Response: 3365086
Conc: 20.06 ug/ml

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20 PPM AROMATIC HC STD



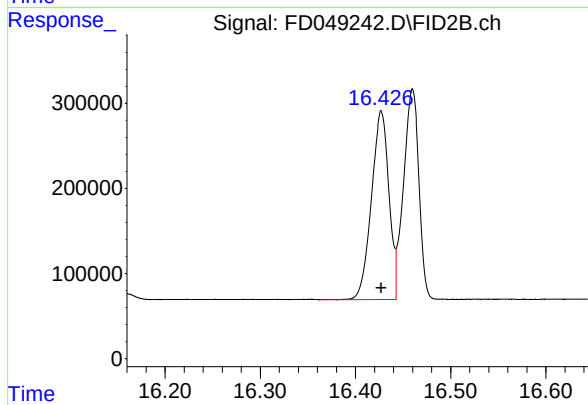
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.878 min
Delta R.T.: 0.000 min
Response: 2939995
Conc: 20.45 ug/ml



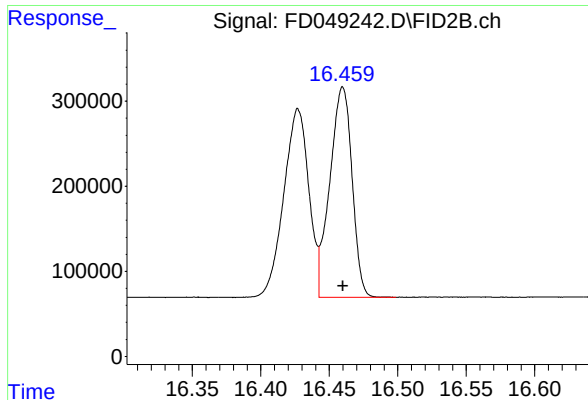
#15 Chrysene (C27.41)

R.T.: 14.920 min
Delta R.T.: 0.000 min
Response: 2950922
Conc: 20.45 ug/ml



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

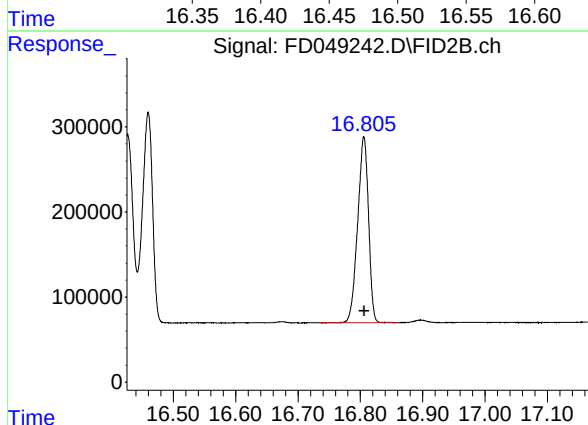
R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 2833106
Conc: 20.36 ug/ml



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

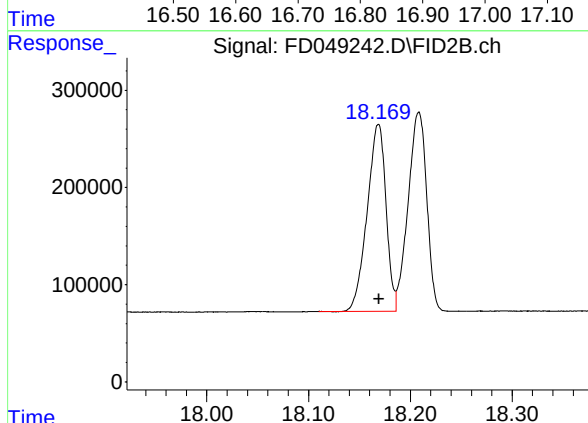
R.T.: 16.460 min
Delta R.T.: 0.000 min
Response: 2793251
Conc: 20.42 ug/ml

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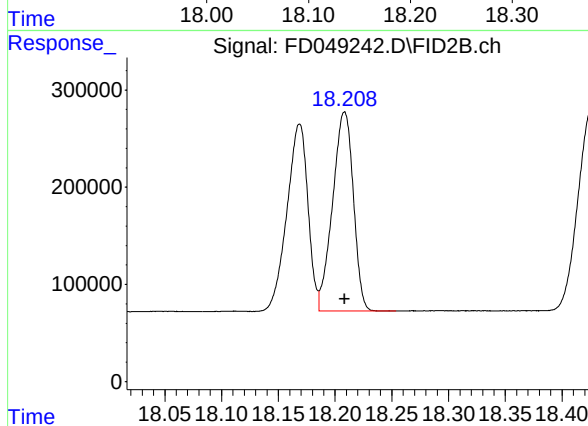
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.806 min
Delta R.T.: 0.000 min
Response: 2645427
Conc: 20.34 ug/ml



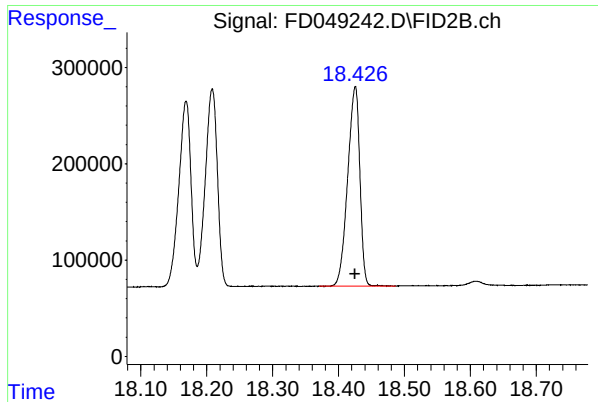
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.169 min
Delta R.T.: 0.000 min
Response: 2475835
Conc: 20.08 ug/ml



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

R.T.: 18.208 min
Delta R.T.: 0.000 min
Response: 2612324
Conc: 20.66 ug/ml



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

R.T.: 18.425 min
Delta R.T.: 0.000 min
Response: 2655352
Conc: 20.34 ug/ml

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