

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AR\
 Data File : FD037866.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jun 2021 12:57
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 11 13:22:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 11:35:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.543	2812891	20.084 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
6) S 2-Fluorobiphenyl (SURR)	8.404	1902515	20.091 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.18%
11) S ortho-Terphenyl (SURR)	11.442	3176804	19.838 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.346	2914278	19.925 ug/ml
2) T Naphthalene (C11.7)	5.881	3084749	19.921 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	3136616	20.065 ug/ml
5) T Acenaphthylene (C15.06)	8.207	3062812	20.080 ug/ml
7) T Acenaphthene (C15.5)	8.502	3149789	19.978 ug/ml
8) T Fluorene (C16.55)	9.282	3069148	20.098 ug/ml
9) T Phenanthrene (C19.36)	10.678	3057637	20.031 ug/ml
10) T Anthracene (C19.43)	10.752	2979097	20.056 ug/ml
12) T Fluoranthene (C21.85)	12.488	2996155	19.882 ug/ml
13) T Pyrene (C20.8)	12.784	2918815	19.777 ug/ml
14) T Benzo[a]anthracene (C...	14.655	2665048	19.850 ug/ml
15) T Chrysene (C27.41)	14.698	2754647	19.616 ug/ml
16) T benzo[b]fluoranthene ...	16.207	2559088	19.772 ug/ml
17) T Bnezo[k]fluoranthene ...	16.239	2500338	19.628 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.585	2313293	19.852 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.951	2181893	19.672 ug/ml
20) T Dibenz[a,h]anthracene...	17.988	2256585	19.937 ug/ml
21) T Benzo[g,h,i]perylene ...	18.206	2192746	19.878 ug/ml

(f)=RT Delta > 1/2 Window

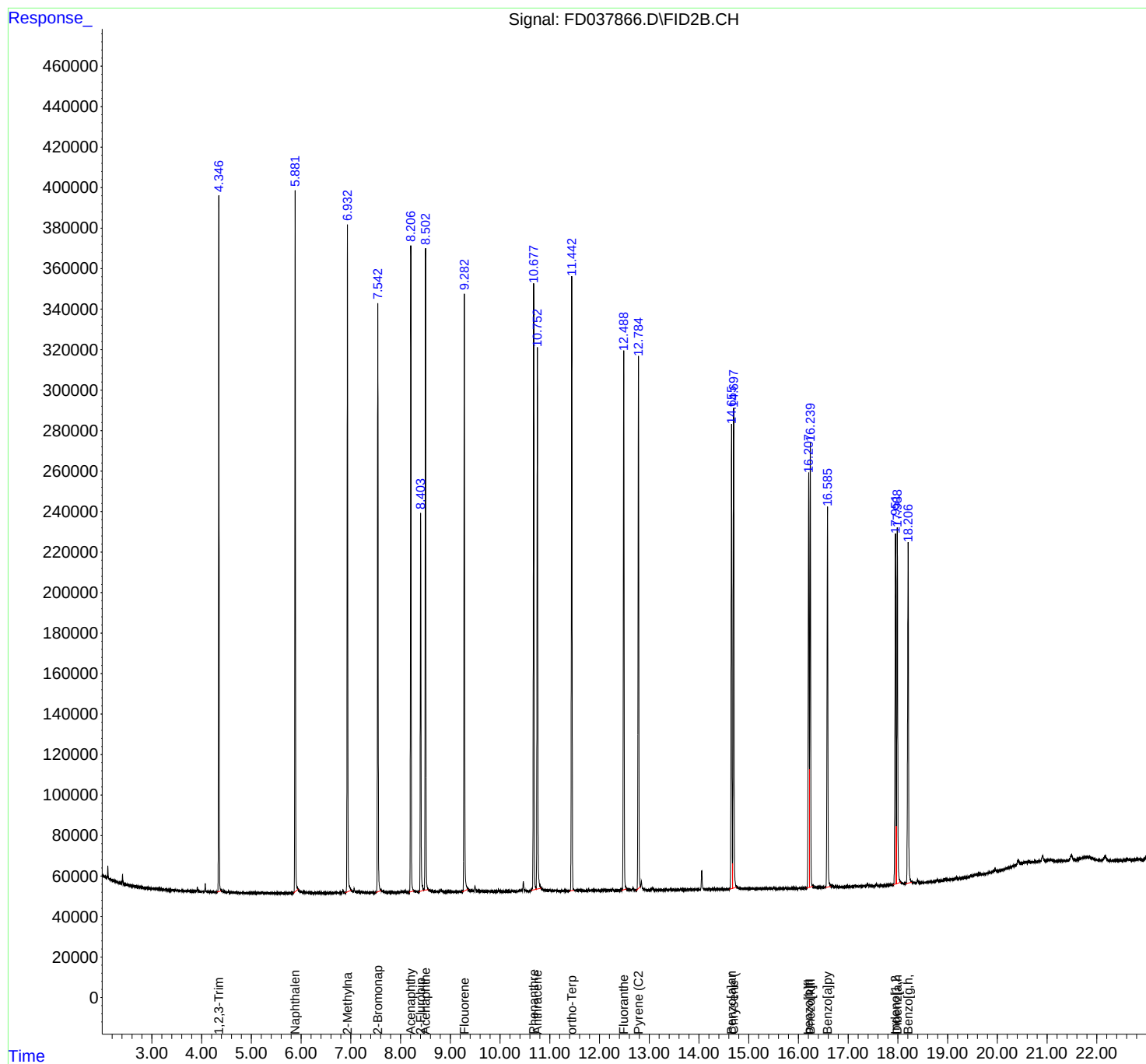
(m)=manual int.

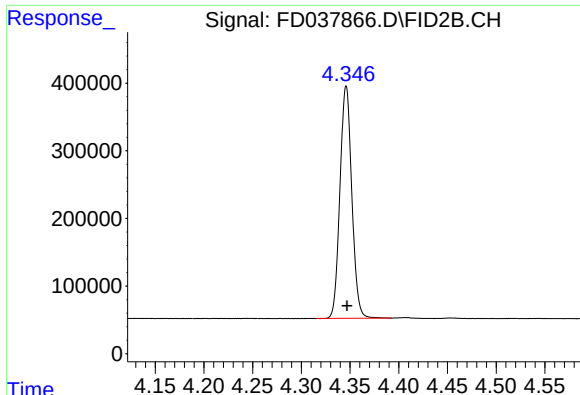
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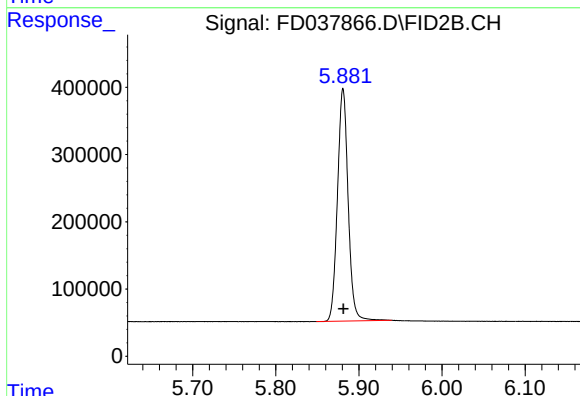




#1 1,2,3-Trimethylbenzene (C10.1)

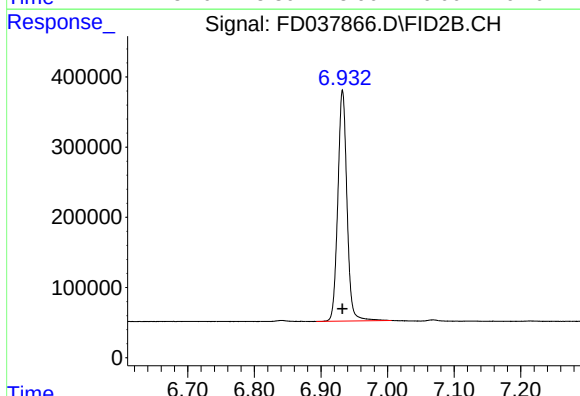
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 2914278
Conc: 19.93 ug/ml

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20 PPM AROMATIC HC STD



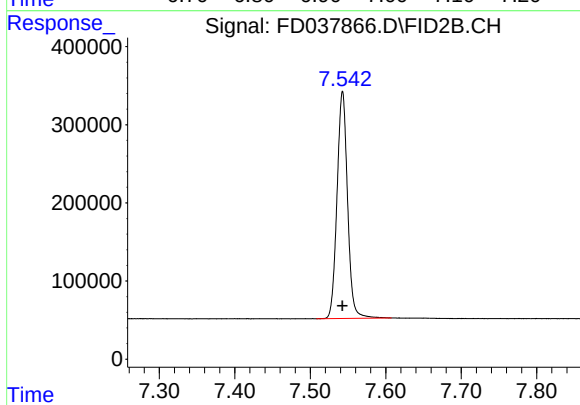
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 3084749
Conc: 19.92 ug/ml



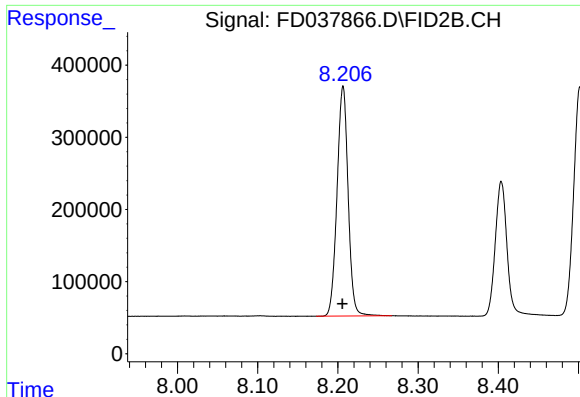
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 3136616
Conc: 20.06 ug/ml



#4 2-Bromonaphthalene (SURR)

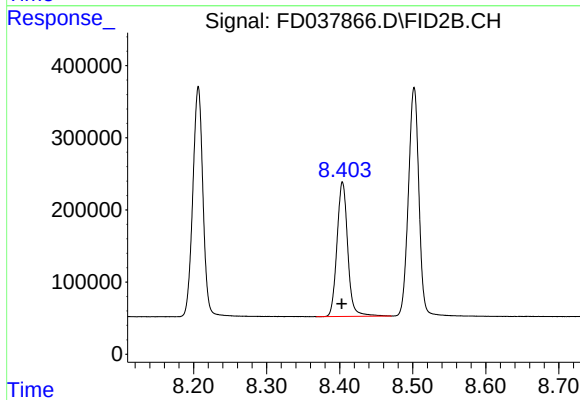
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 2812891
Conc: 20.08 ug/ml



#5 Acenaphthylene (C15.06)

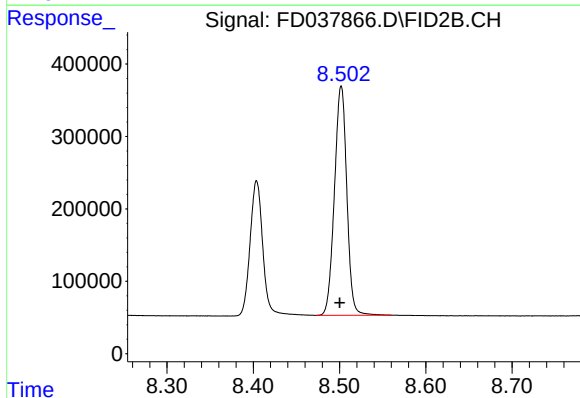
R.T.: 8.207 min
Delta R.T.: 0.000 min
Response: 3062812
Conc: 20.08 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



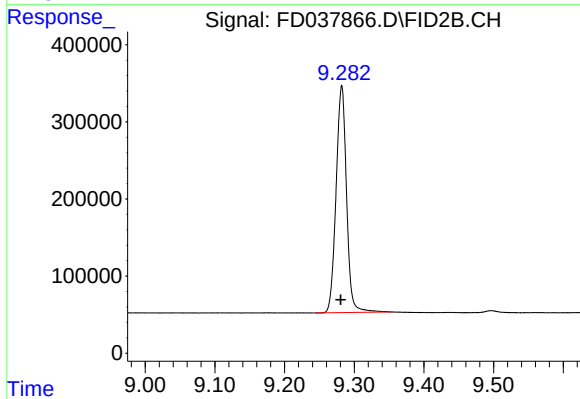
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 1902515
Conc: 20.09 ug/ml



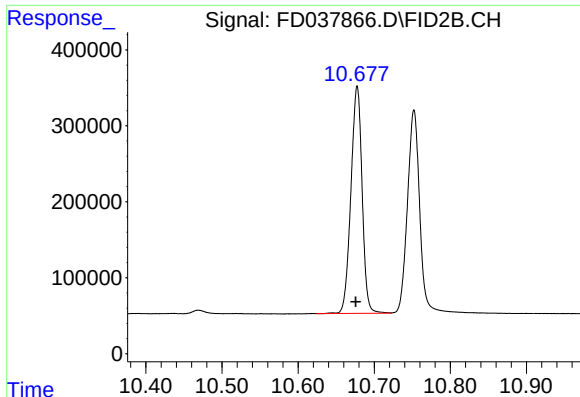
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: 0.002 min
Response: 3149789
Conc: 19.98 ug/ml



#8 Flouorene (C16.55)

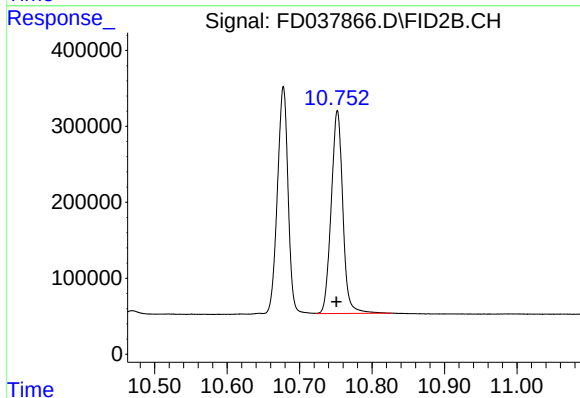
R.T.: 9.282 min
Delta R.T.: 0.002 min
Response: 3069148
Conc: 20.10 ug/ml



#9 Phenanthrene (C19.36)

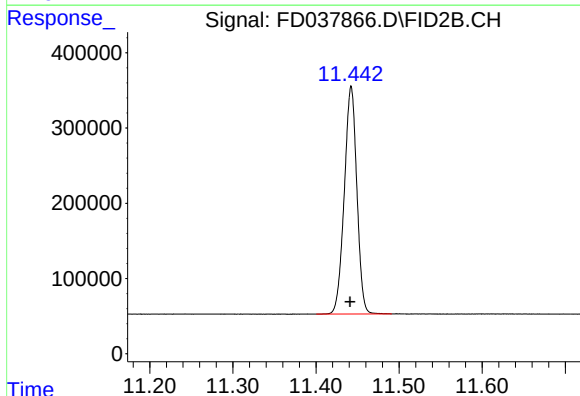
R.T.: 10.678 min
Delta R.T.: 0.002 min
Response: 3057637
Conc: 20.03 ug/ml

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20 PPM AROMATIC HC STD



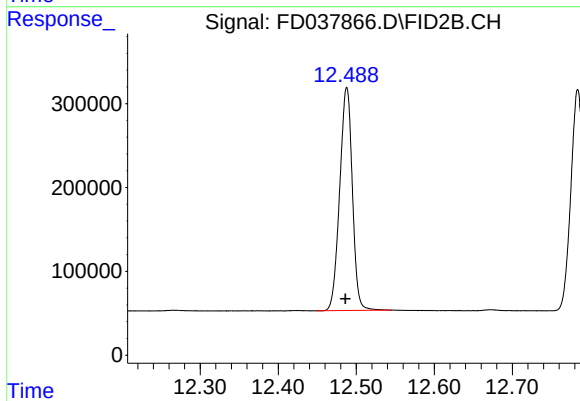
#10 Anthracene (C19.43)

R.T.: 10.752 min
Delta R.T.: 0.002 min
Response: 2979097
Conc: 20.06 ug/ml



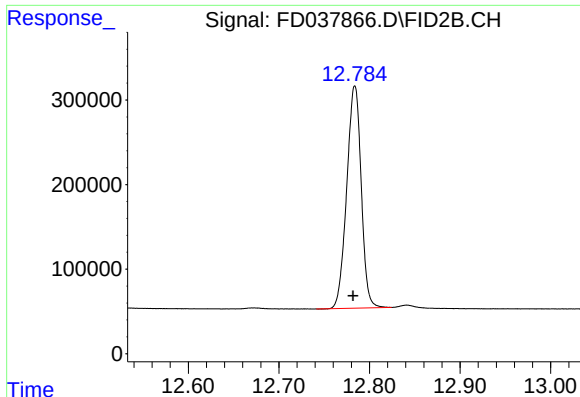
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: 0.001 min
Response: 3176804
Conc: 19.84 ug/ml



#12 Fluoranthene (C21.85)

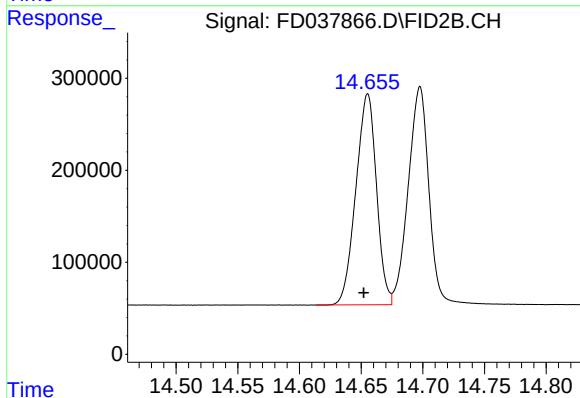
R.T.: 12.488 min
Delta R.T.: 0.002 min
Response: 2996155
Conc: 19.88 ug/ml



#13 Pyrene (C20.8)

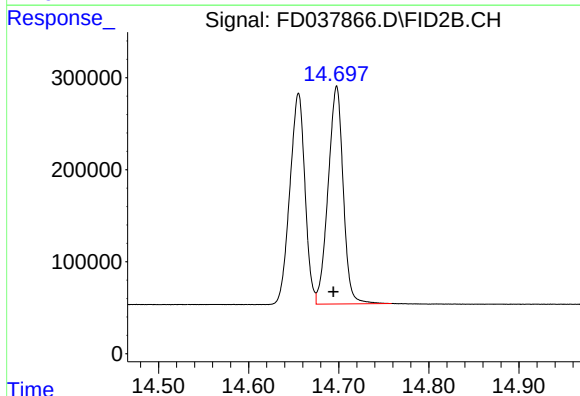
R.T.: 12.784 min
Delta R.T.: 0.002 min
Response: 2918815
Conc: 19.78 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



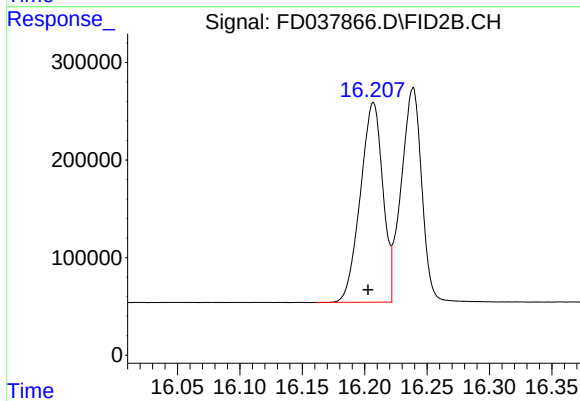
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.655 min
Delta R.T.: 0.003 min
Response: 2665048
Conc: 19.85 ug/ml



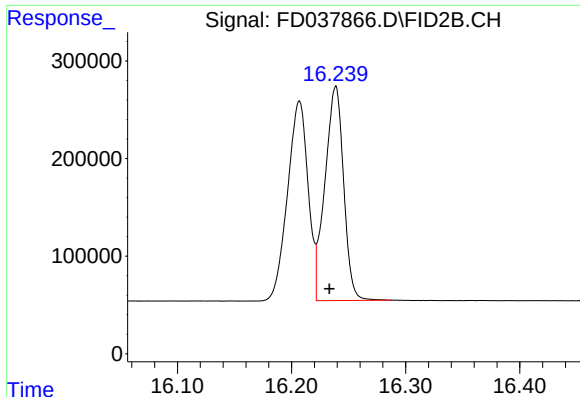
#15 Chrysene (C27.41)

R.T.: 14.698 min
Delta R.T.: 0.004 min
Response: 2754647
Conc: 19.62 ug/ml



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

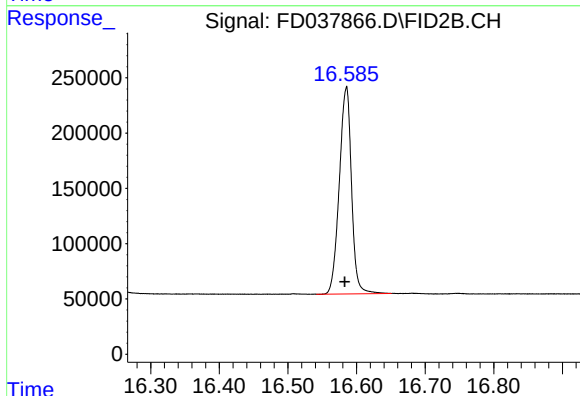
R.T.: 16.207 min
Delta R.T.: 0.004 min
Response: 2559088
Conc: 19.77 ug/ml



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

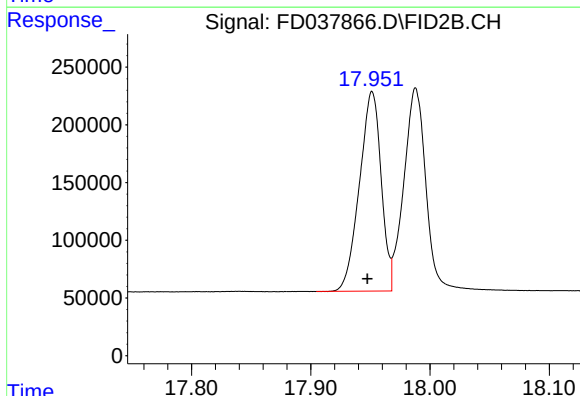
R.T.: 16.239 min
Delta R.T.: 0.006 min
Response: 2500338
Conc: 19.63 ug/ml

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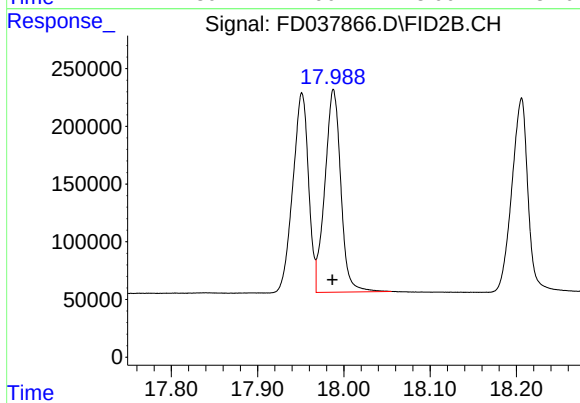
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.585 min
Delta R.T.: 0.003 min
Response: 2313293
Conc: 19.85 ug/ml



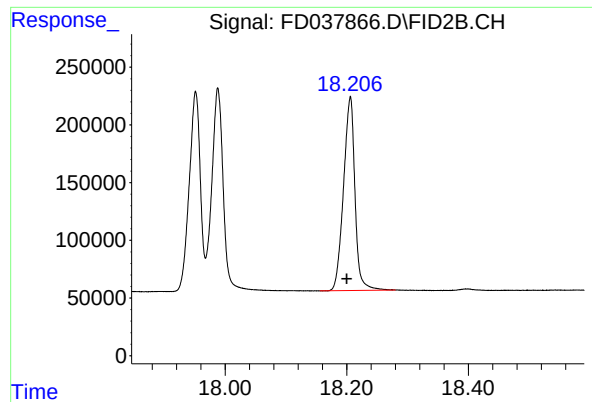
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.951 min
Delta R.T.: 0.004 min
Response: 2181893
Conc: 19.67 ug/ml



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

R.T.: 17.988 min
Delta R.T.: 0.001 min
Response: 2256585
Conc: 19.94 ug/ml



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

R.T.: 18.206 min
Delta R.T.: 0.006 min
Response: 2192746
Conc: 19.88 ug/ml

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