

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AR\
 Data File : FD037864.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jun 2021 11:41
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 11 12:16:41 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	2796386	19.966 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
6) S 2-Fluorobiphenyl (SURR)	8.404	1895734	20.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.04%
11) S ortho-Terphenyl (SURR)	11.443	3139395	19.604 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.346	2892457	19.776 ug/ml
2) T Naphthalene (C11.7)	5.881	3072428	19.842 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	3124674	19.988 ug/ml
5) T Acenaphthylene (C15.06)	8.206	3040551	19.934 ug/ml
7) T Acenaphthene (C15.5)	8.501	3138400	19.906 ug/ml
8) T Fluorene (C16.55)	9.282	3054020	19.999 ug/ml
9) T Phenanthrene (C19.36)	10.678	3031645	19.861 ug/ml
10) T Anthracene (C19.43)	10.753	2955709	19.899 ug/ml
12) T Fluoranthene (C21.85)	12.488	2953731	19.600 ug/ml
13) T Pyrene (C20.8)	12.785	2881197	19.522 ug/ml
14) T Benzo[a]anthracene (C...	14.655	2623567	19.541 ug/ml
15) T Chrysene (C27.41)	14.698	2715269	19.336 ug/ml
16) T benzo[b]fluoranthene ...	16.206	2514602	19.429 ug/ml
17) T Bnezo[k]fluoranthene ...	16.238	2456420	19.283 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.585	2276248	19.535 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.951	2163948	19.510 ug/ml
20) T Dibenz[a,h]anthracene...	17.988	2226935	19.675 ug/ml
21) T Benzo[g,h,i]perylene ...	18.206	2169503	19.668 ug/ml

(f)=RT Delta > 1/2 Window

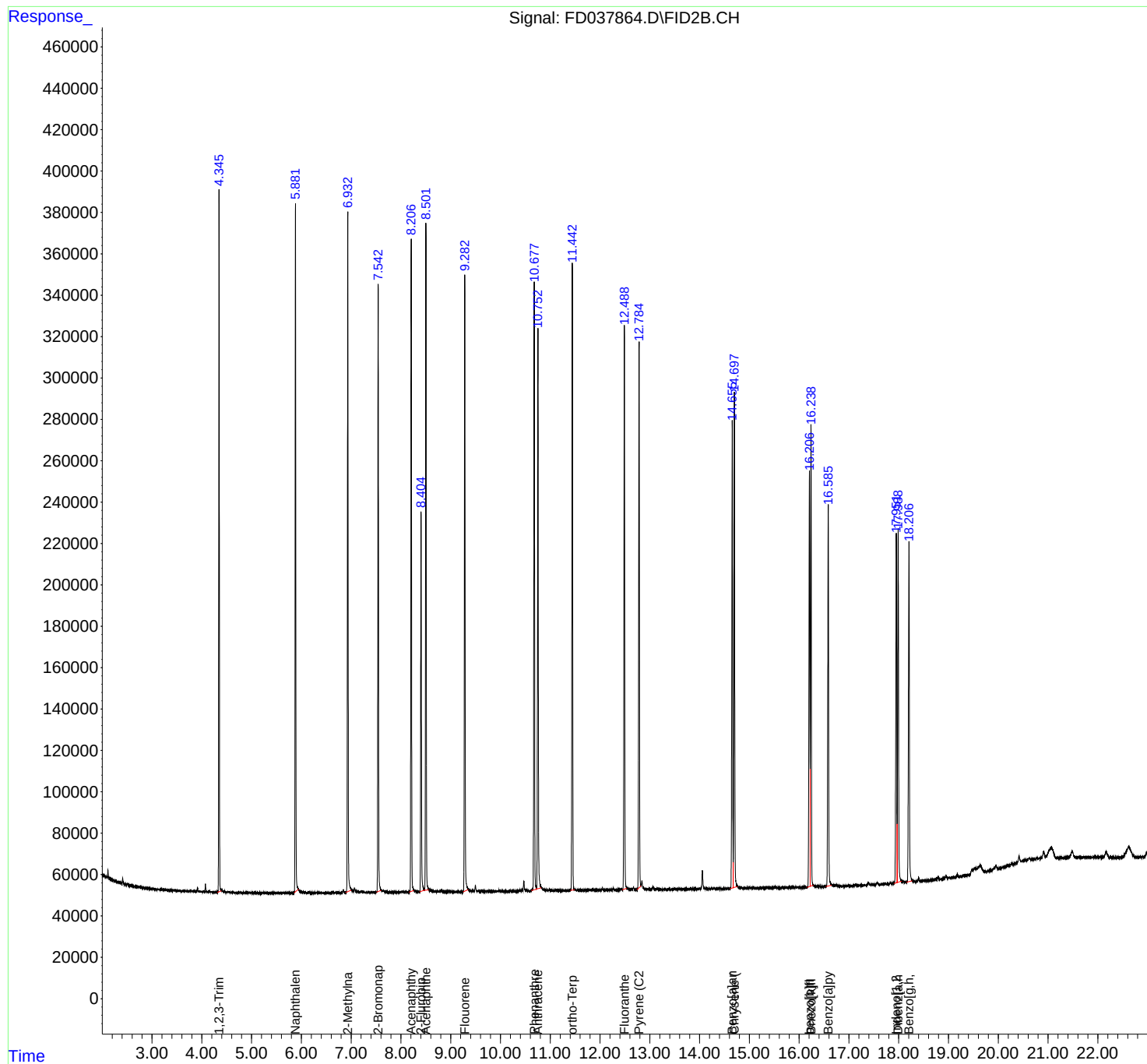
(m)=manual int.

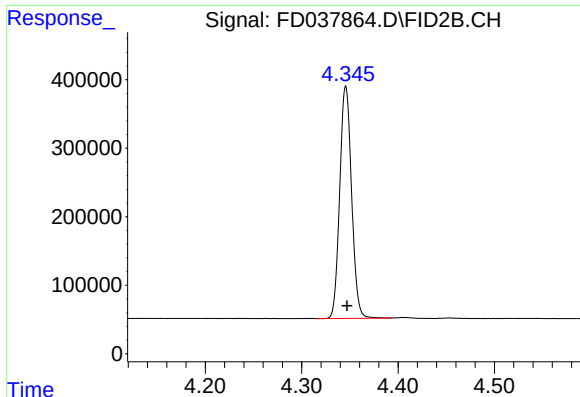
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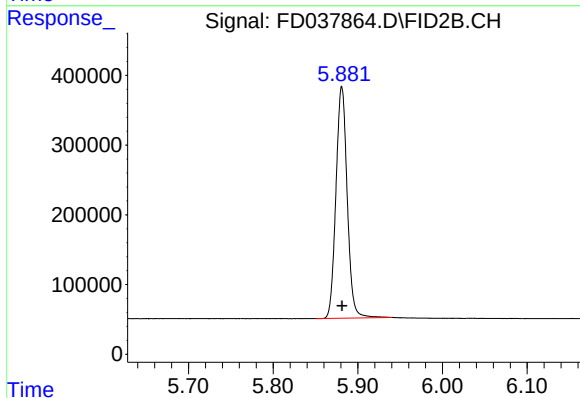




#1 1,2,3-Trimethylbenzene (C10.1)

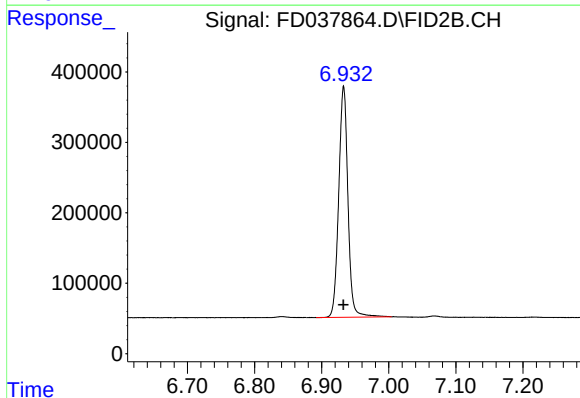
R.T.: 4.346 min
Delta R.T.: -0.001 min
Response: 2892457
Conc: 19.78 ug/ml

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20 PPM AROMATIC HC STD ICV



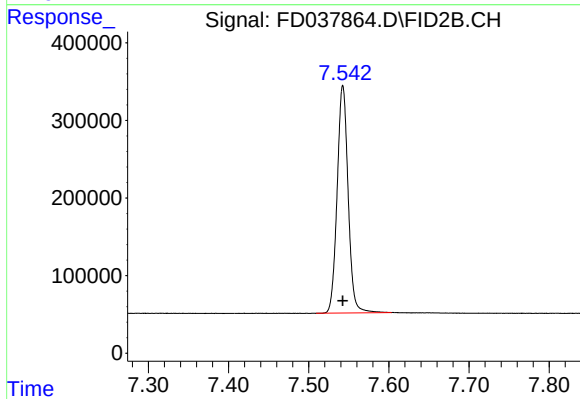
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 3072428
Conc: 19.84 ug/ml



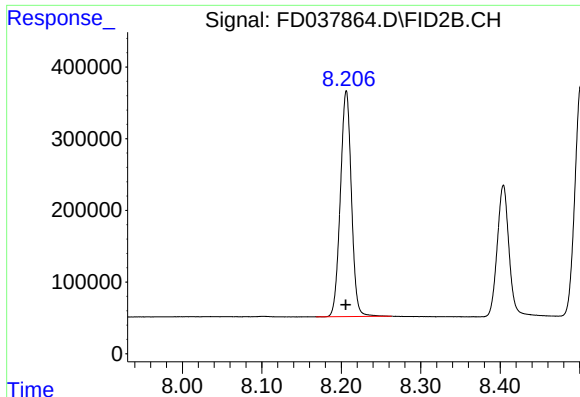
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 3124674
Conc: 19.99 ug/ml



#4 2-Bromonaphthalene (SURR)

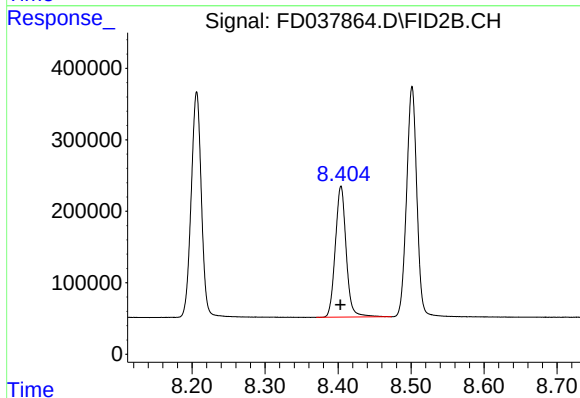
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 2796386
Conc: 19.97 ug/ml



#5 Acenaphthylene (C15.06)

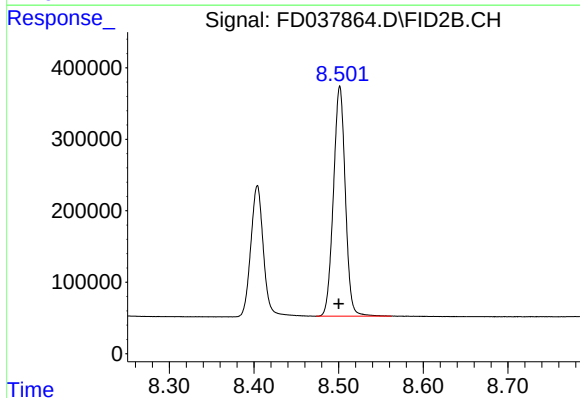
R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 3040551
Conc: 19.93 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



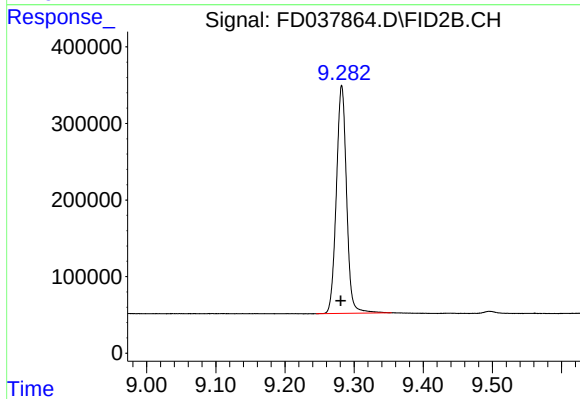
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.001 min
Response: 1895734
Conc: 20.02 ug/ml



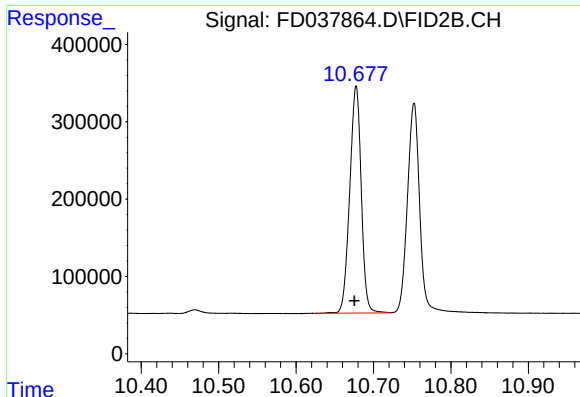
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: 0.001 min
Response: 3138400
Conc: 19.91 ug/ml



#8 Flouorene (C16.55)

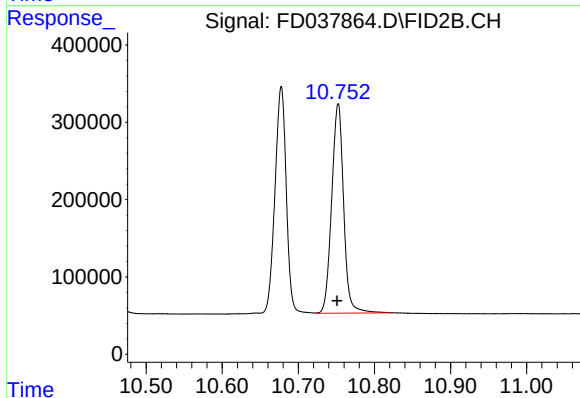
R.T.: 9.282 min
Delta R.T.: 0.001 min
Response: 3054020
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

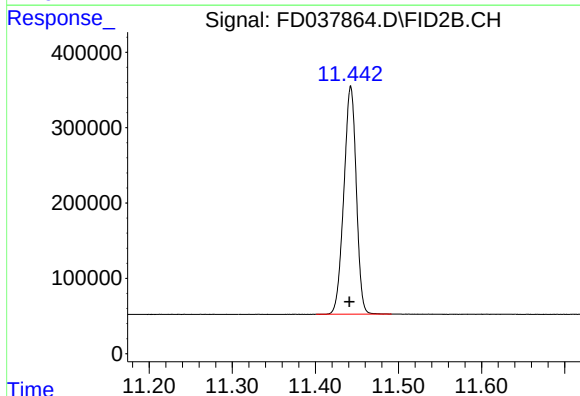
R.T.: 10.678 min
Delta R.T.: 0.002 min
Response: 3031645
Conc: 19.86 ug/ml

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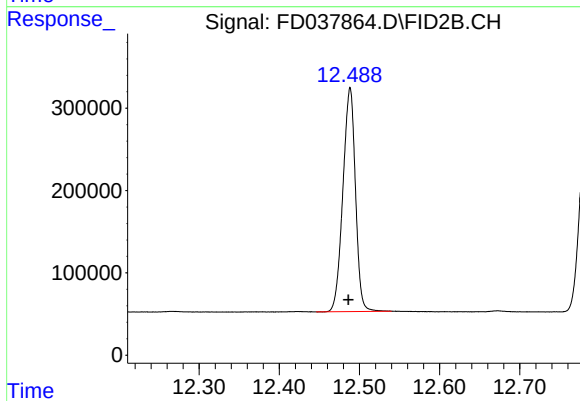
#10 Anthracene (C19.43)

R.T.: 10.753 min
Delta R.T.: 0.002 min
Response: 2955709
Conc: 19.90 ug/ml



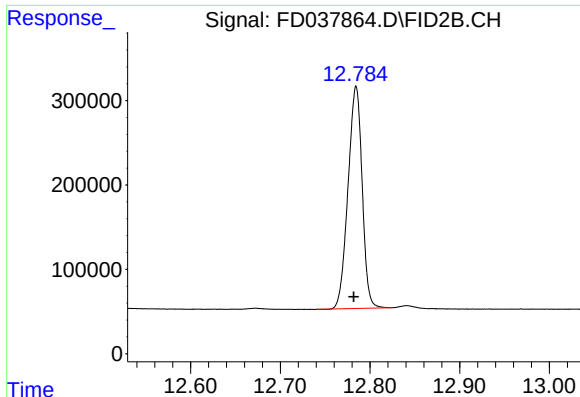
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: 0.002 min
Response: 3139395
Conc: 19.60 ug/ml



#12 Fluoranthene (C21.85)

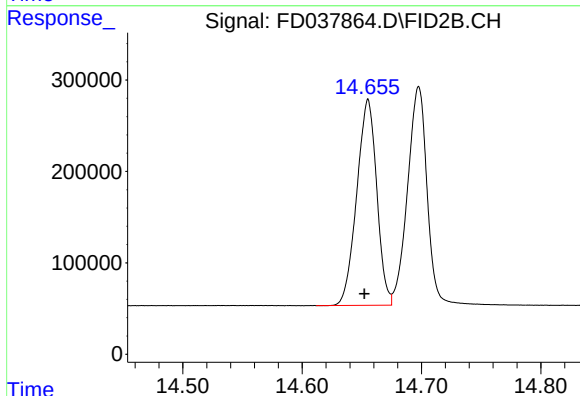
R.T.: 12.488 min
Delta R.T.: 0.002 min
Response: 2953731
Conc: 19.60 ug/ml



#13 Pyrene (C20.8)

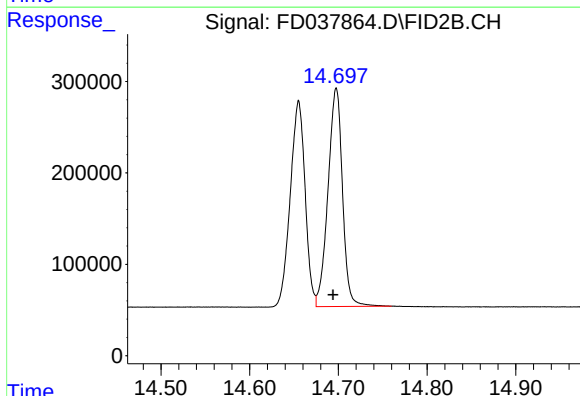
R.T.: 12.785 min
Delta R.T.: 0.003 min
Response: 2881197
Conc: 19.52 ug/ml

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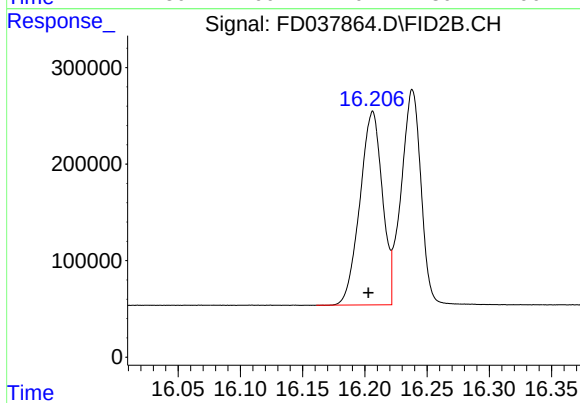
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.655 min
Delta R.T.: 0.003 min
Response: 2623567
Conc: 19.54 ug/ml



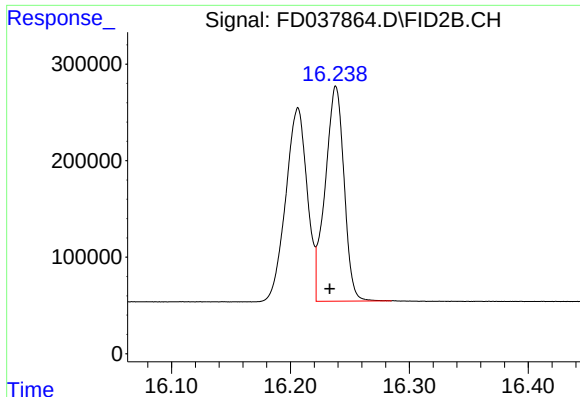
#15 Chrysene (C27.41)

R.T.: 14.698 min
Delta R.T.: 0.004 min
Response: 2715269
Conc: 19.34 ug/ml



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

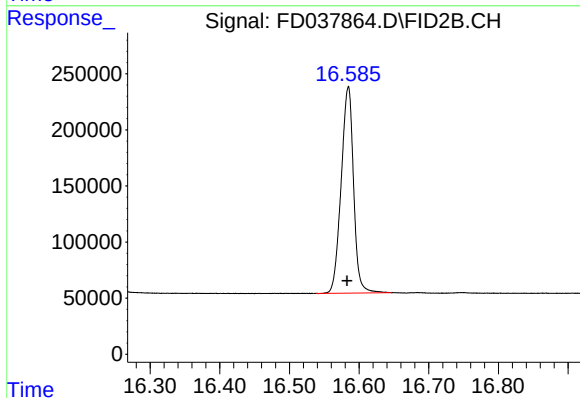
R.T.: 16.206 min
Delta R.T.: 0.004 min
Response: 2514602
Conc: 19.43 ug/ml



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

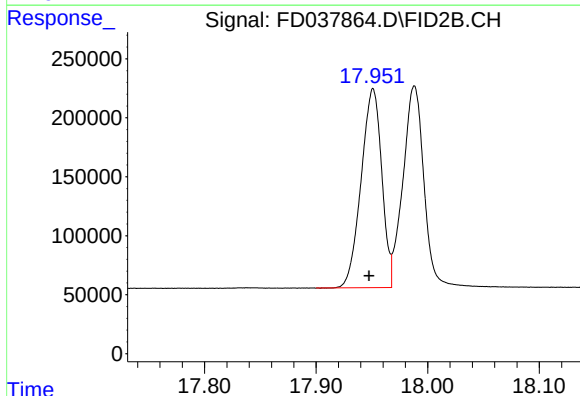
R.T.: 16.238 min
Delta R.T.: 0.005 min
Response: 2456420
Conc: 19.28 ug/ml

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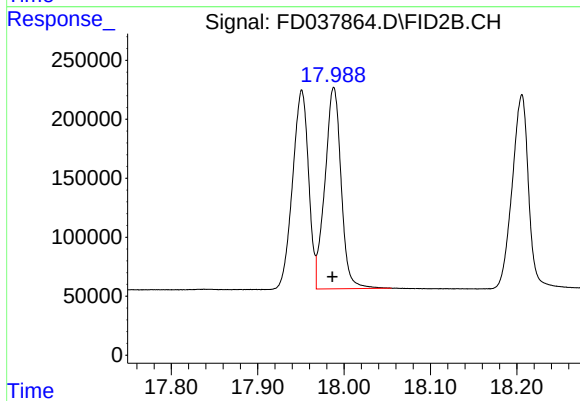
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.585 min
Delta R.T.: 0.002 min
Response: 2276248
Conc: 19.53 ug/ml



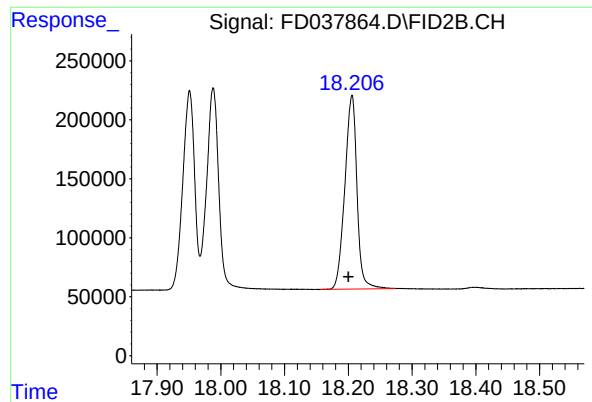
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.951 min
Delta R.T.: 0.004 min
Response: 2163948
Conc: 19.51 ug/ml



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

R.T.: 17.988 min
Delta R.T.: 0.001 min
Response: 2226935
Conc: 19.67 ug/ml



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

R.T.: 18.206 min
Delta R.T.: 0.006 min
Response: 2169503
Conc: 19.67 ug/ml

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