

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031522AR\
 Data File : FD041542.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2022 10:25
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/16/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File: autoint1.e
 Quant Time: Mar 15 10:50:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 2022
 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...	7.357	3138104	19.422 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
6) S 2-Fluorobiphenyl (SURR)	8.206	1961222	18.841 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.68%
11) S ortho-Terphenyl (SURR)	11.237	3369264	19.209 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	3551948	20.267 ug/ml
2) T Naphthalene (C11.7)	5.699	3645711	19.989 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	3498027	19.327 ug/ml
5) T Acenaphthylene (C15.06)	8.008	3432511	19.201 ug/ml
7) T Acenaphthene (C15.5)	8.302	3784305	19.798 ug/ml
8) T Flouorene (C16.55)	9.079	3280011	19.155 ug/ml
9) T Phenanthrene (C19.36)	10.466	3114496	18.957 ug/ml
10) T Anthracene (C19.43)	10.541	3104895	19.415 ug/ml
12) T Fluoranthene (C21.85)	12.268	3032648	18.050 ug/ml
13) T Pyrene (C20.8)	12.560	2991116	17.841 ug/ml
14) T Benzo[a]anthracene (C...	14.430	2672653	18.417 ug/ml
15) T Chrysene (C27.41)	14.471	3110431	18.888 ug/ml
16) T benzo[b]fluoranthene ...	15.976	2835916	20.779 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	3077569	20.855 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.351	2744924	20.875 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.715	2587681	20.642 ug/mlm
20) T Dibenz[a,h]anthracene...	17.755	3013041	21.316 ug/ml
21) T Benzo[g,h,i]perylene ...	17.964	2811783	21.717 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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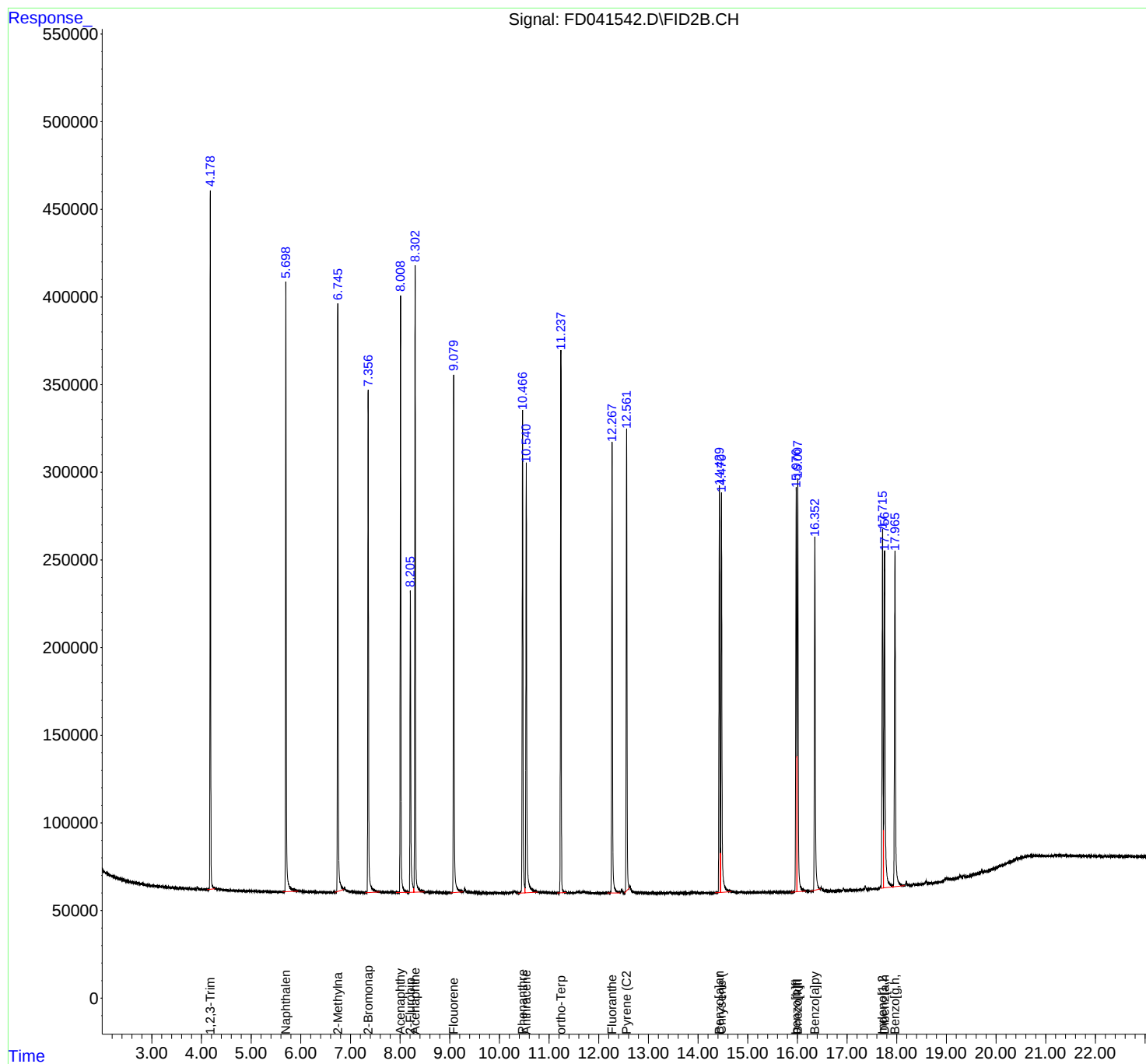
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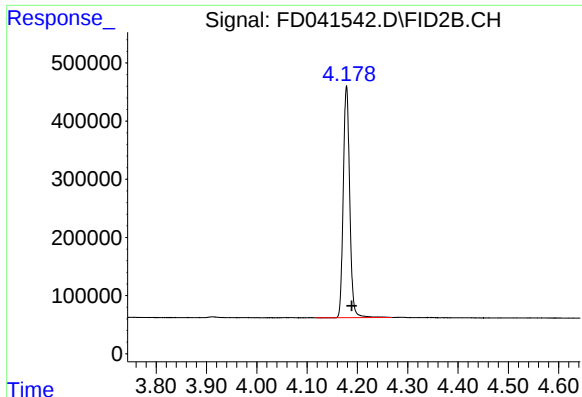
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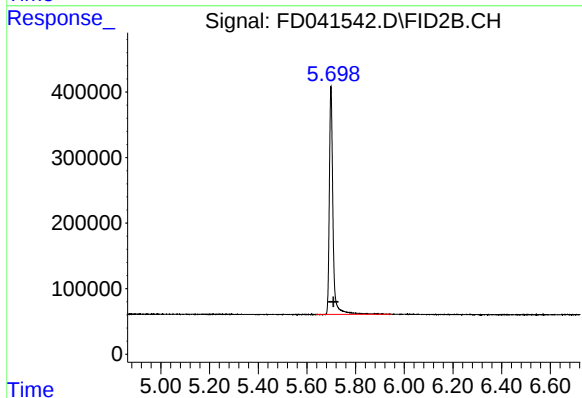
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.178 min
Delta R.T.: -0.011 min
Response: 3551948
Conc: 20.27 ug/ml

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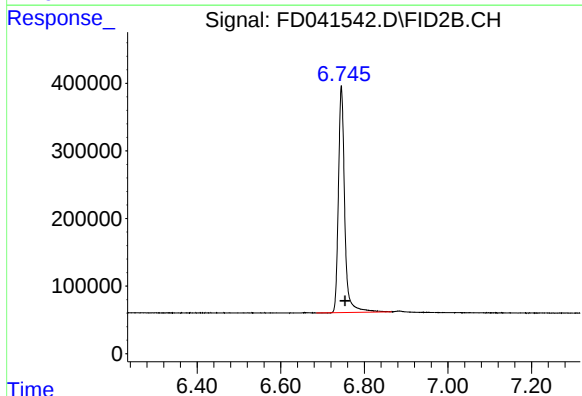
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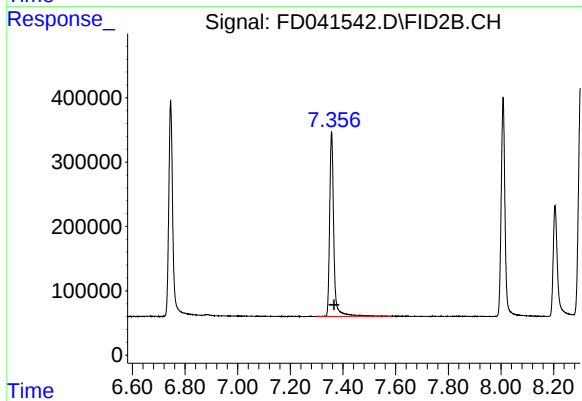
#2 Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: -0.010 min
Response: 3645711
Conc: 19.99 ug/ml



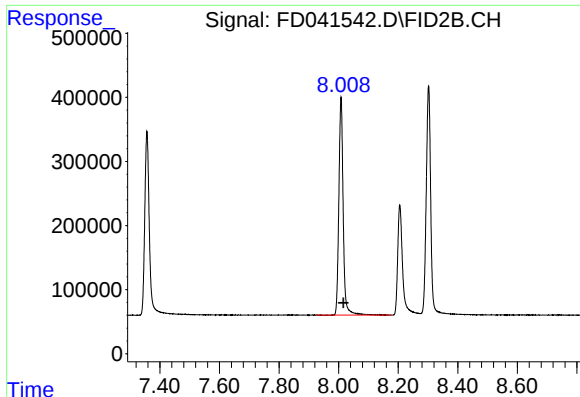
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: -0.009 min
Response: 3498027
Conc: 19.33 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.357 min
Delta R.T.: -0.010 min
Response: 3138104
Conc: 19.42 ug/ml



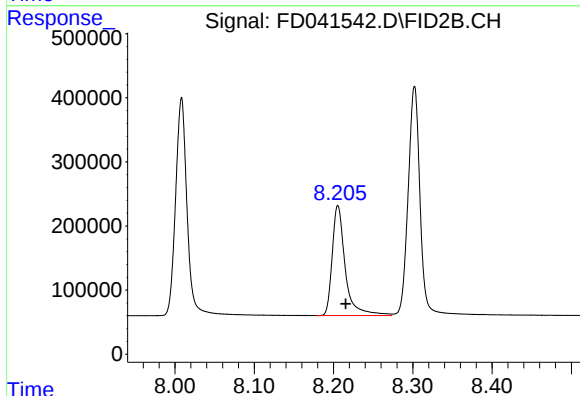
#5 Acenaphthylene (C15.06)

R.T.: 8.008 min
Delta R.T.: -0.008 min
Response: 3432511
Conc: 19.20 ug/ml

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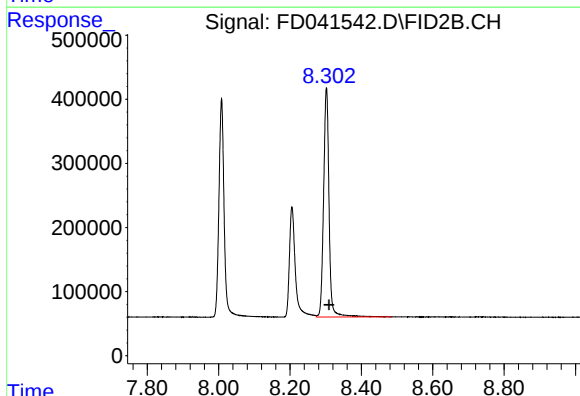
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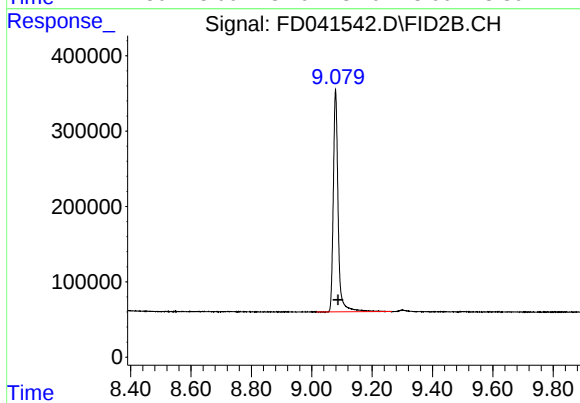
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.206 min
Delta R.T.: -0.010 min
Response: 1961222
Conc: 18.84 ug/ml



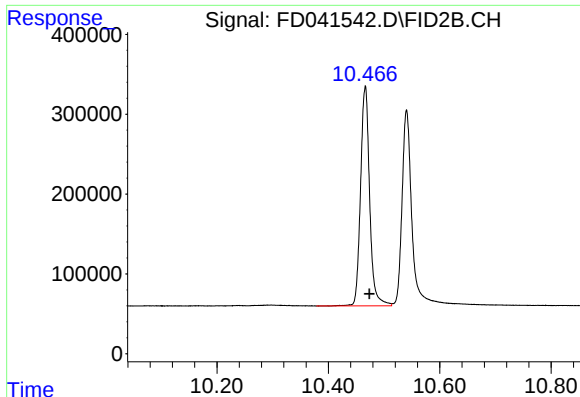
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: -0.007 min
Response: 3784305
Conc: 19.80 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 3280011
Conc: 19.15 ug/ml



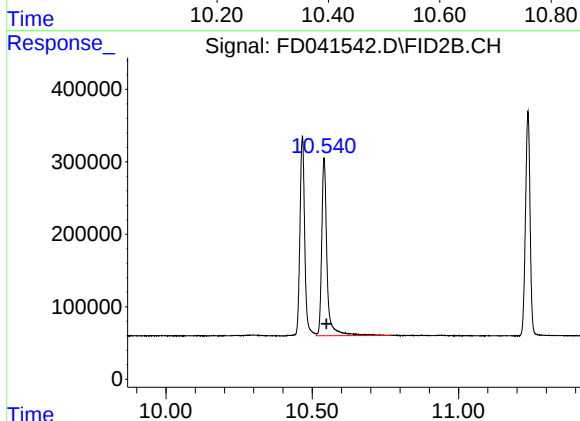
#9 Phenanthrene (C19.36)

R.T.: 10.466 min
Delta R.T.: -0.008 min
Response: 3114496
Conc: 18.96 ug/ml

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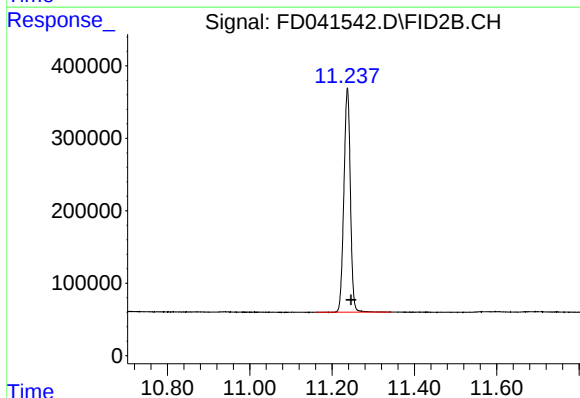
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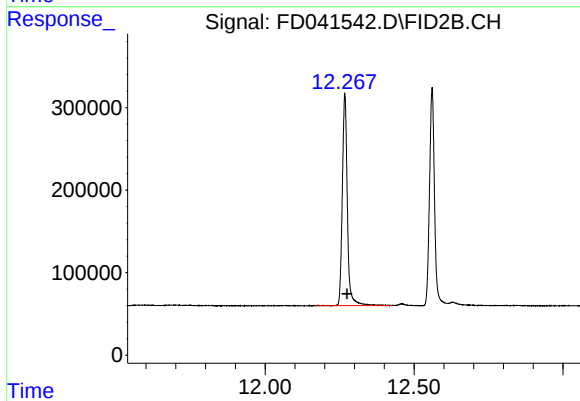
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.008 min
Response: 3104895
Conc: 19.42 ug/ml



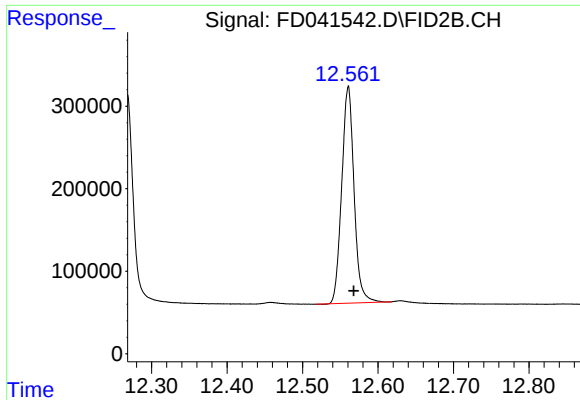
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: -0.010 min
Response: 3369264
Conc: 19.21 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.268 min
Delta R.T.: -0.007 min
Response: 3032648
Conc: 18.05 ug/ml



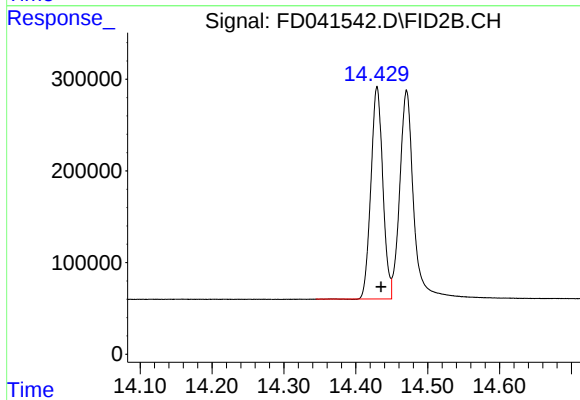
#13 Pyrene (C20.8)

R.T.: 12.560 min
Delta R.T.: -0.008 min
Response: 2991116
Conc: 17.84 ug/ml

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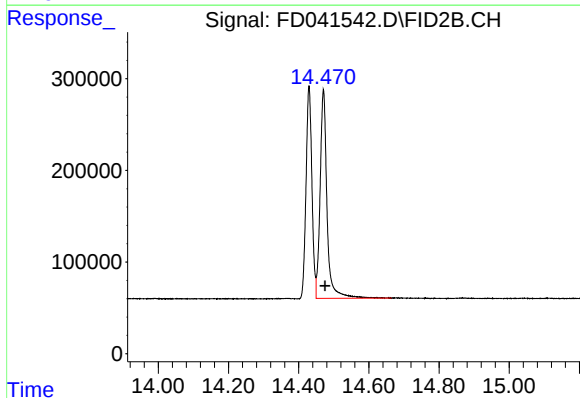
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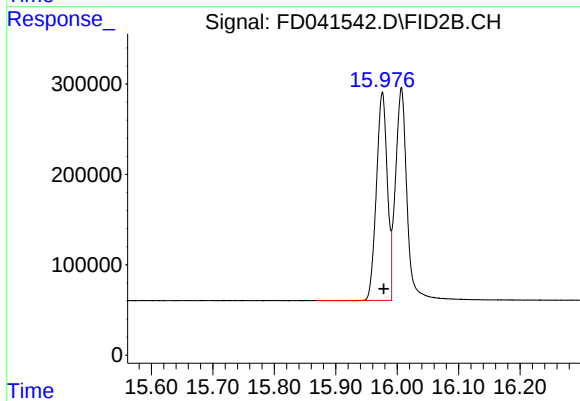
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.430 min
Delta R.T.: -0.006 min
Response: 2672653
Conc: 18.42 ug/ml



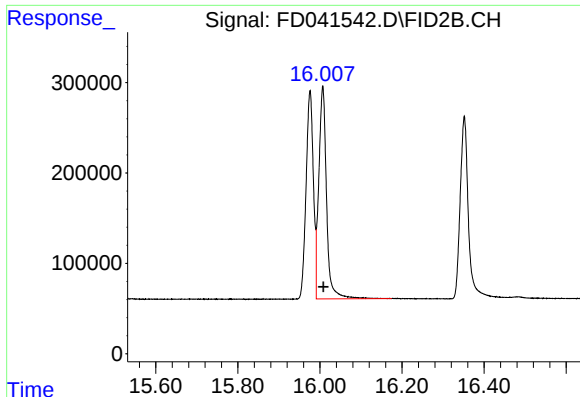
#15 Chrysene (C27.41)

R.T.: 14.471 min
Delta R.T.: -0.005 min
Response: 3110431
Conc: 18.89 ug/ml



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

R.T.: 15.976 min
Delta R.T.: -0.002 min
Response: 2835916
Conc: 20.78 ug/ml



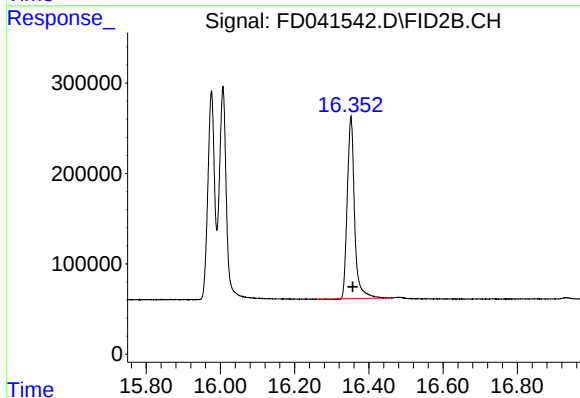
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.006 min
Delta R.T.: -0.002 min
Response: 3077569
Conc: 20.86 ug/ml

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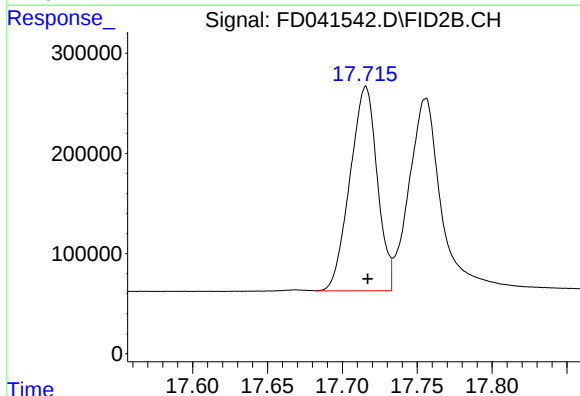
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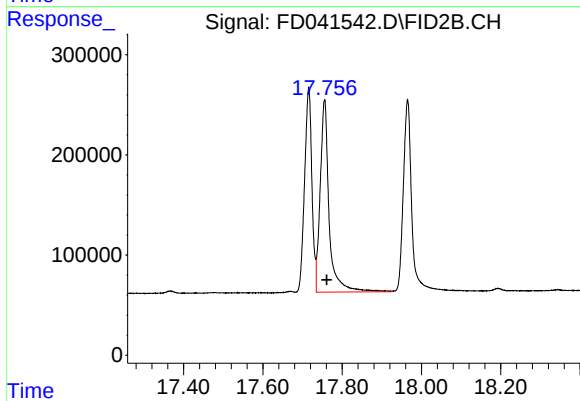
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.351 min
Delta R.T.: -0.005 min
Response: 2744924
Conc: 20.88 ug/ml



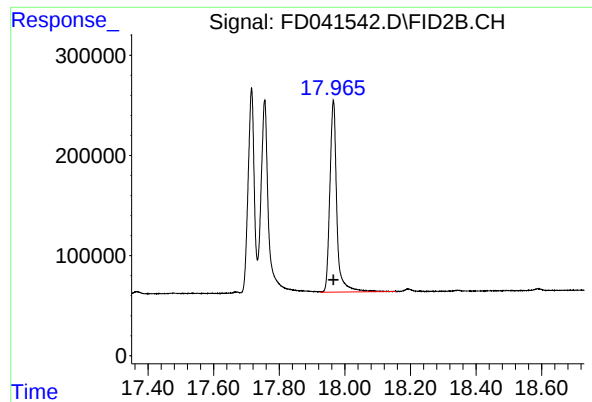
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.715 min
Delta R.T.: -0.002 min
Response: 2587681
Conc: 20.64 ug/ml m



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

R.T.: 17.755 min
Delta R.T.: -0.006 min
Response: 3013041
Conc: 21.32 ug/ml



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

R.T.: 17.964 min
Delta R.T.: 0.000 min
Response: 2811783
Conc: 21.72 ug/ml

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