

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031422AR\
 Data File : FD041539.D
 Signal(s) : FID2B.CH
 Acq On : 14 Mar 2022 22:38
 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 03/15/2022
 Supervised By :Ankita Jodhani 03/15/2022

Integration File: sample.E
 Quant Time: Mar 15 02:19:12 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...	7.359	3049093	18.871 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
6) S 2-Fluorobiphenyl (SURR)	8.208	1958878	18.818 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.64%
11) S ortho-Terphenyl (SURR)	11.240	3310581	18.874 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.181	3479644	19.854 ug/ml
2) T Naphthalene (C11.7)	5.701	3552052	19.475 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	3445565	19.037 ug/ml
5) T Acenaphthylene (C15.06)	8.011	3373849	18.873 ug/ml
7) T Acenaphthene (C15.5)	8.304	3703217	19.373 ug/ml
8) T Flouorene (C16.55)	9.082	3271165	19.103 ug/ml
9) T Phenanthrene (C19.36)	10.469	3092749	18.825 ug/ml
10) T Anthracene (C19.43)	10.543	3079361	19.255 ug/ml
12) T Fluoranthene (C21.85)	12.271	2977013	17.719 ug/ml
13) T Pyrene (C20.8)	12.563	2945305	17.568 ug/ml
14) T Benzo[a]anthracene (C...	14.432	2670950	18.405 ug/ml
15) T Chrysene (C27.41)	14.474	3039566	18.458 ug/ml
16) T benzo[b]fluoranthene ...	15.979	2786967	20.420 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	3002856	20.349 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	2762307	21.008 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.720	2639175	21.053 ug/mlm
20) T Dibenz[a,h]anthracene...	17.758	2930833	20.734 ug/ml
21) T Benzo[g,h,i]perylene ...	17.969	2733848	21.115 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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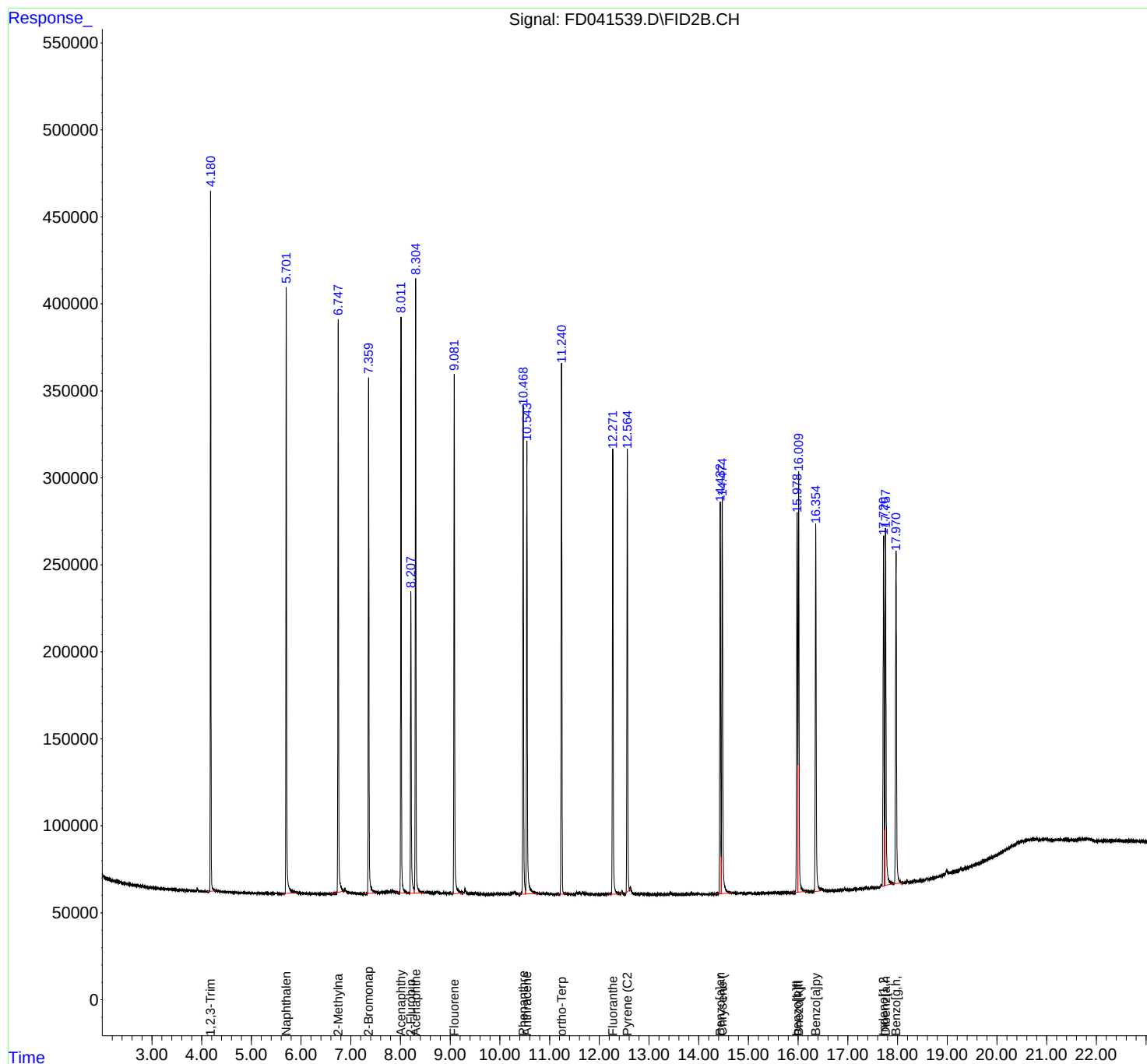
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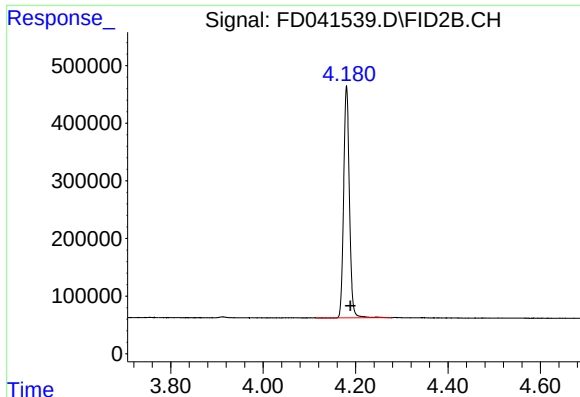
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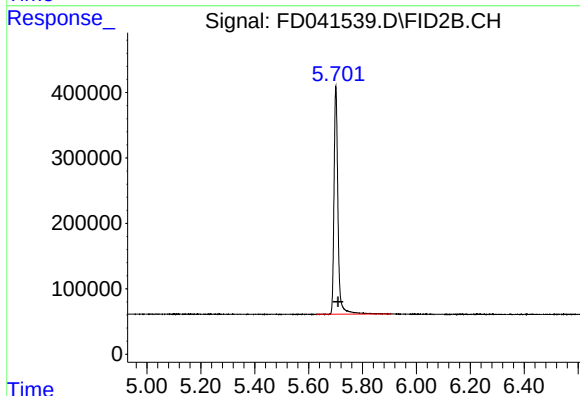
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.181 min
Delta R.T.: -0.008 min
Response: 3479644
Conc: 19.85 ug/ml

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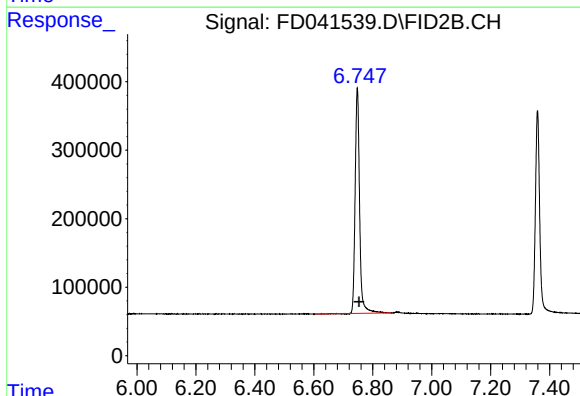
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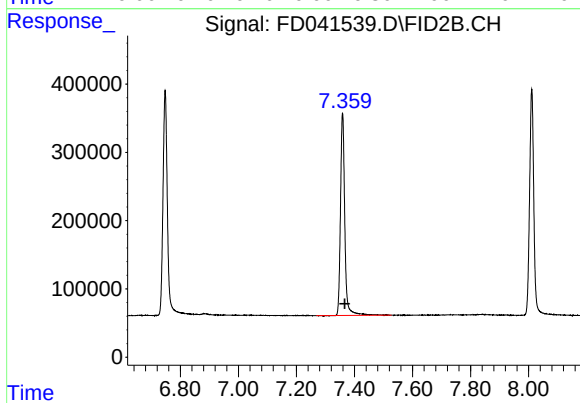
#2 Naphthalene (C11.7)

R.T.: 5.701 min
Delta R.T.: -0.008 min
Response: 3552052
Conc: 19.48 ug/ml



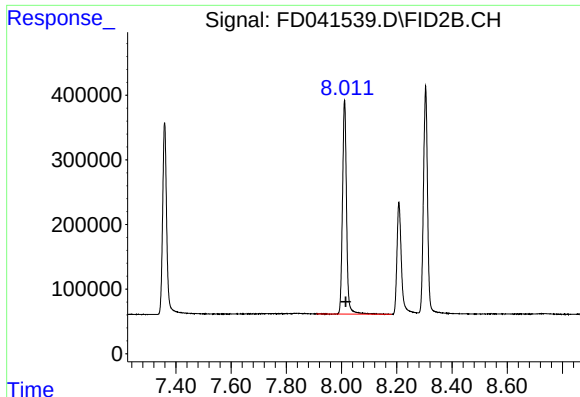
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 3445565
Conc: 19.04 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.359 min
Delta R.T.: -0.007 min
Response: 3049093
Conc: 18.87 ug/ml



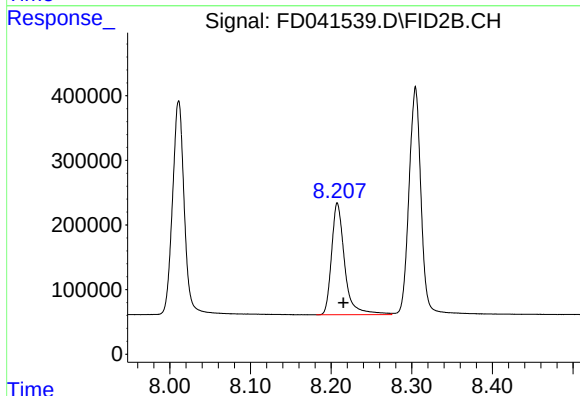
#5 Acenaphthylene (C15.06)

R.T.: 8.011 min
Delta R.T.: -0.005 min
Response: 3373849
Conc: 18.87 ug/ml

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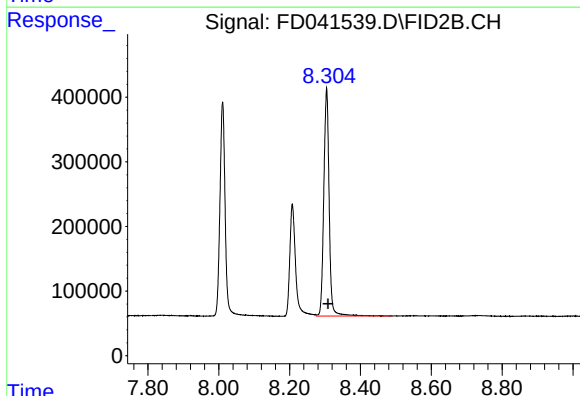
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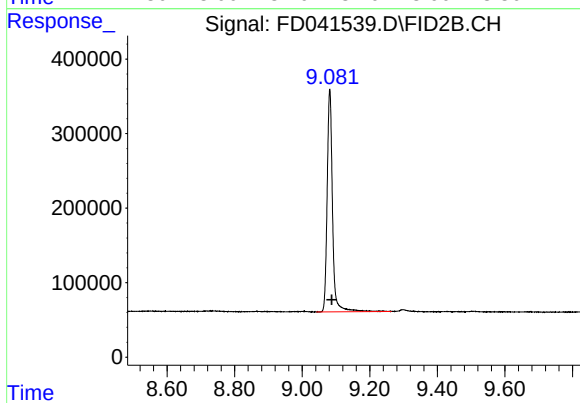
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: -0.007 min
Response: 1958878
Conc: 18.82 ug/ml



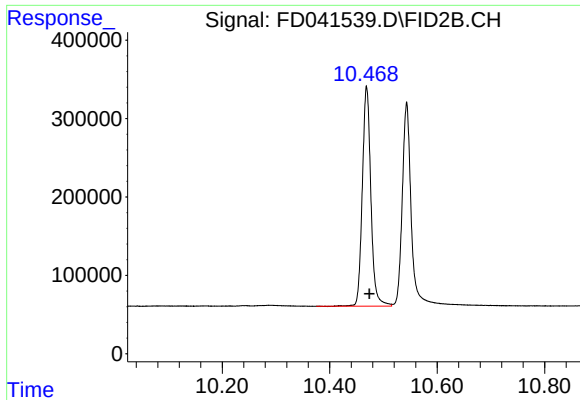
#7 Acenaphthene (C15.5)

R.T.: 8.304 min
Delta R.T.: -0.005 min
Response: 3703217
Conc: 19.37 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.082 min
Delta R.T.: -0.006 min
Response: 3271165
Conc: 19.10 ug/ml



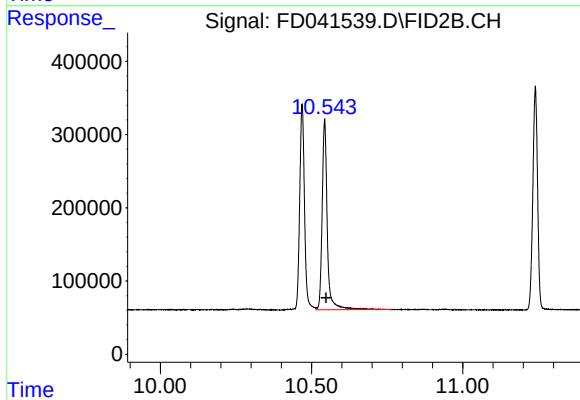
#9 Phenanthrene (C19.36)

R.T.: 10.469 min
Delta R.T.: -0.005 min
Response: 3092749
Conc: 18.82 ug/ml

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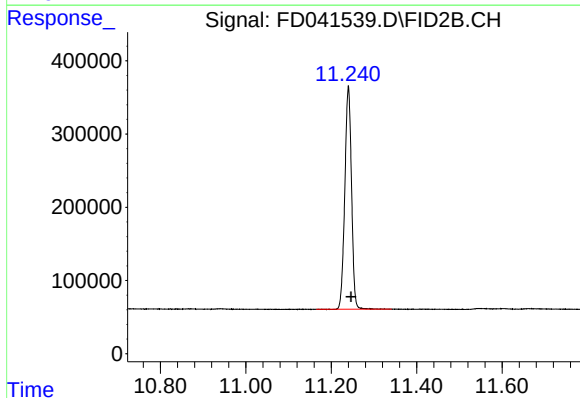
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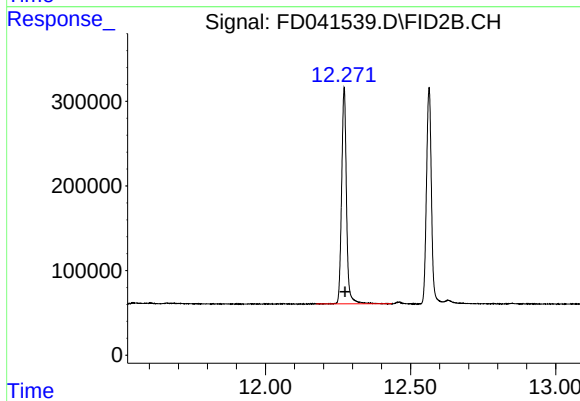
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: -0.006 min
Response: 3079361
Conc: 19.26 ug/ml



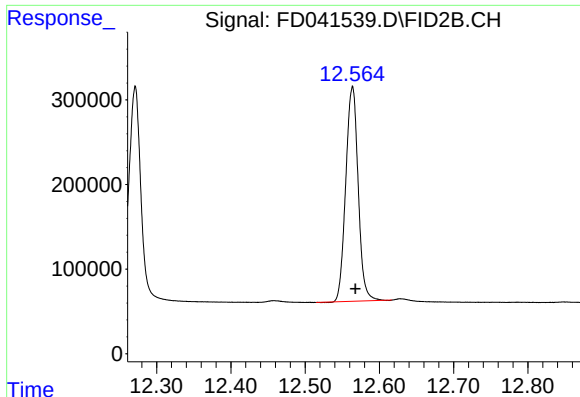
#11 ortho-Terphenyl (SURR)

R.T.: 11.240 min
Delta R.T.: -0.006 min
Response: 3310581
Conc: 18.87 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.271 min
Delta R.T.: -0.004 min
Response: 2977013
Conc: 17.72 ug/ml



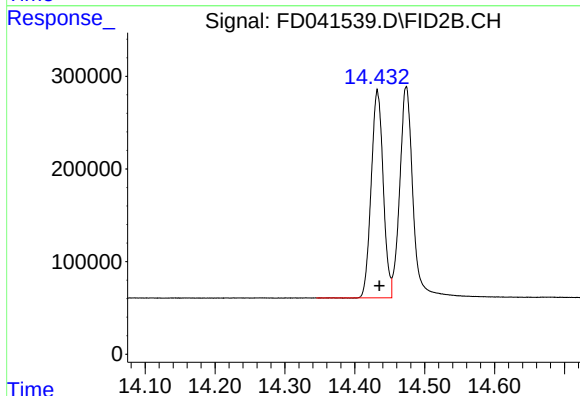
#13 Pyrene (C20.8)

R.T.: 12.563 min
Delta R.T.: -0.005 min
Response: 2945305
Conc: 17.57 ug/ml

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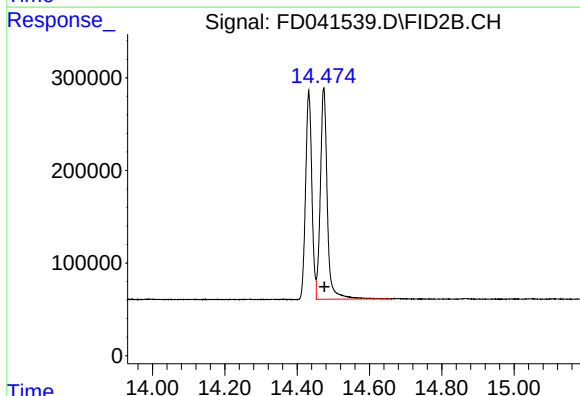
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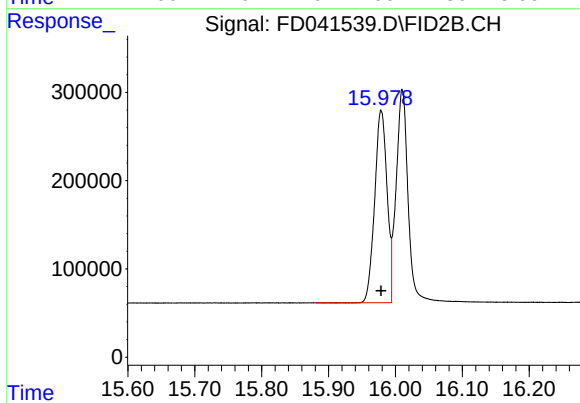
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: -0.003 min
Response: 2670950
Conc: 18.41 ug/ml



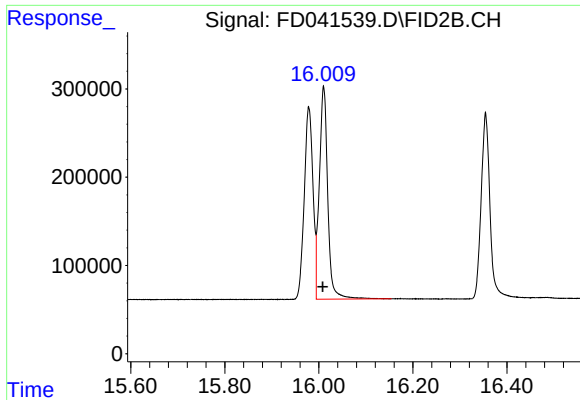
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: -0.002 min
Response: 3039566
Conc: 18.46 ug/ml



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

R.T.: 15.979 min
Delta R.T.: 0.000 min
Response: 2786967
Conc: 20.42 ug/ml



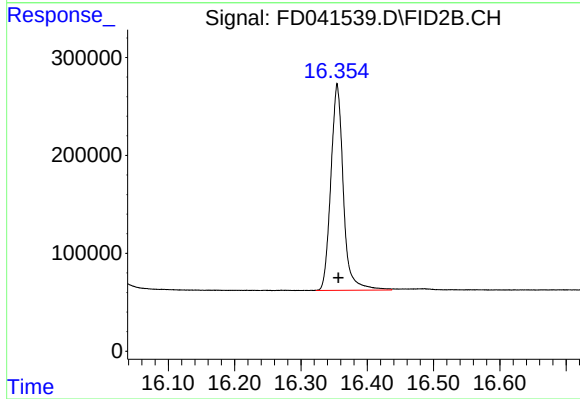
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.010 min
Delta R.T.: 0.001 min
Response: 3002856
Conc: 20.35 ug/ml

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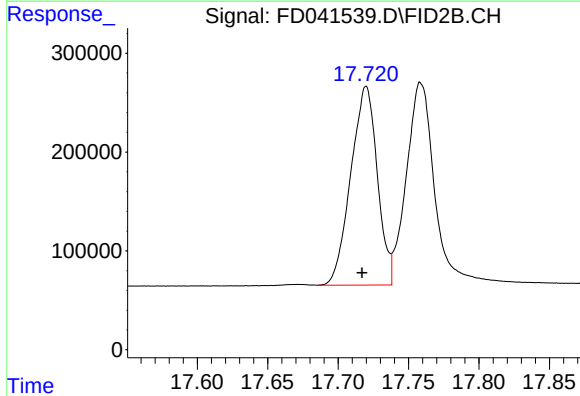
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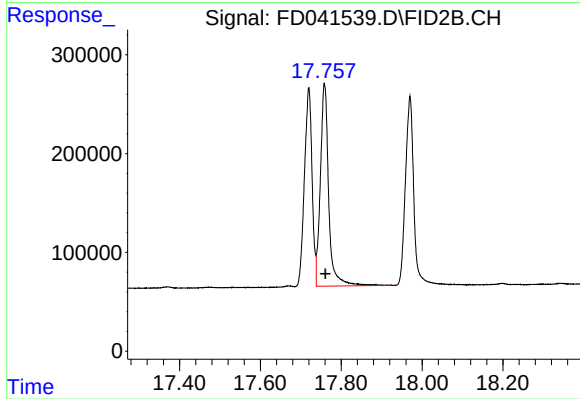
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: -0.002 min
Response: 2762307
Conc: 21.01 ug/ml m



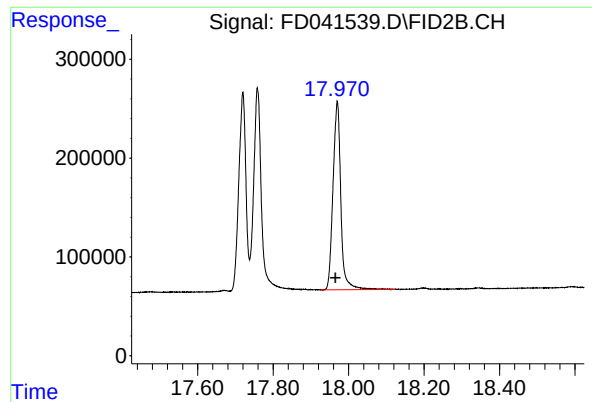
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.720 min
Delta R.T.: 0.003 min
Response: 2639175
Conc: 21.05 ug/ml m



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

R.T.: 17.758 min
Delta R.T.: -0.002 min
Response: 2930833
Conc: 20.73 ug/ml



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

R.T.: 17.969 min
Delta R.T.: 0.004 min
Response: 2733848
Conc: 21.11 ug/ml

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