

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041779.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2022 15:00
 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 03/30/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 30 02:20:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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...	7.346	2768945	17.264 ug/ml
Spiked Amount 50.000		Recovery =	34.53%
6) S 2-Fluorobiphenyl (SURR)	8.197	1668314	16.883 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.77%
11) S ortho-Terphenyl (SURR)	11.225	3444831	17.721 ug/ml
Spiked Amount 50.000		Recovery =	35.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	2973755	16.978 ug/ml
2) T Naphthalene (C11.7)	5.689	3013515	17.080 ug/ml
3) T 2-Methylnaphthalene (...)	6.734	2753255	17.209 ug/ml
5) T Acenaphthylene (C15.06)	7.996	3196623	17.274 ug/ml
7) T Acenaphthene (C15.5)	8.289	3451178	17.978 ug/ml
8) T Flouorene (C16.55)	9.068	3073380	17.421 ug/ml
9) T Phenanthrene (C19.36)	10.455	3050759	17.490 ug/ml
10) T Anthracene (C19.43)	10.531	2958764	16.256 ug/ml
12) T Fluoranthene (C21.85)	12.257	3103838	17.582 ug/ml
13) T Pyrene (C20.8)	12.550	2985561	17.659 ug/ml
14) T Benzo[a]anthracene (C...	14.421	2566030	17.161 ug/ml
15) T Chrysene (C27.41)	14.461	3218843	17.883 ug/ml
16) T benzo[b]fluoranthene ...	15.967	2898157	19.544 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.999	3049026	18.452 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.345	2795444	19.874 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.709	2358857	21.417 ug/ml
20) T Dibenz[a,h]anthracene...	17.748	3132838	21.640 ug/ml
21) T Benzo[g,h,i]perylene ...	17.957	2864612	21.584 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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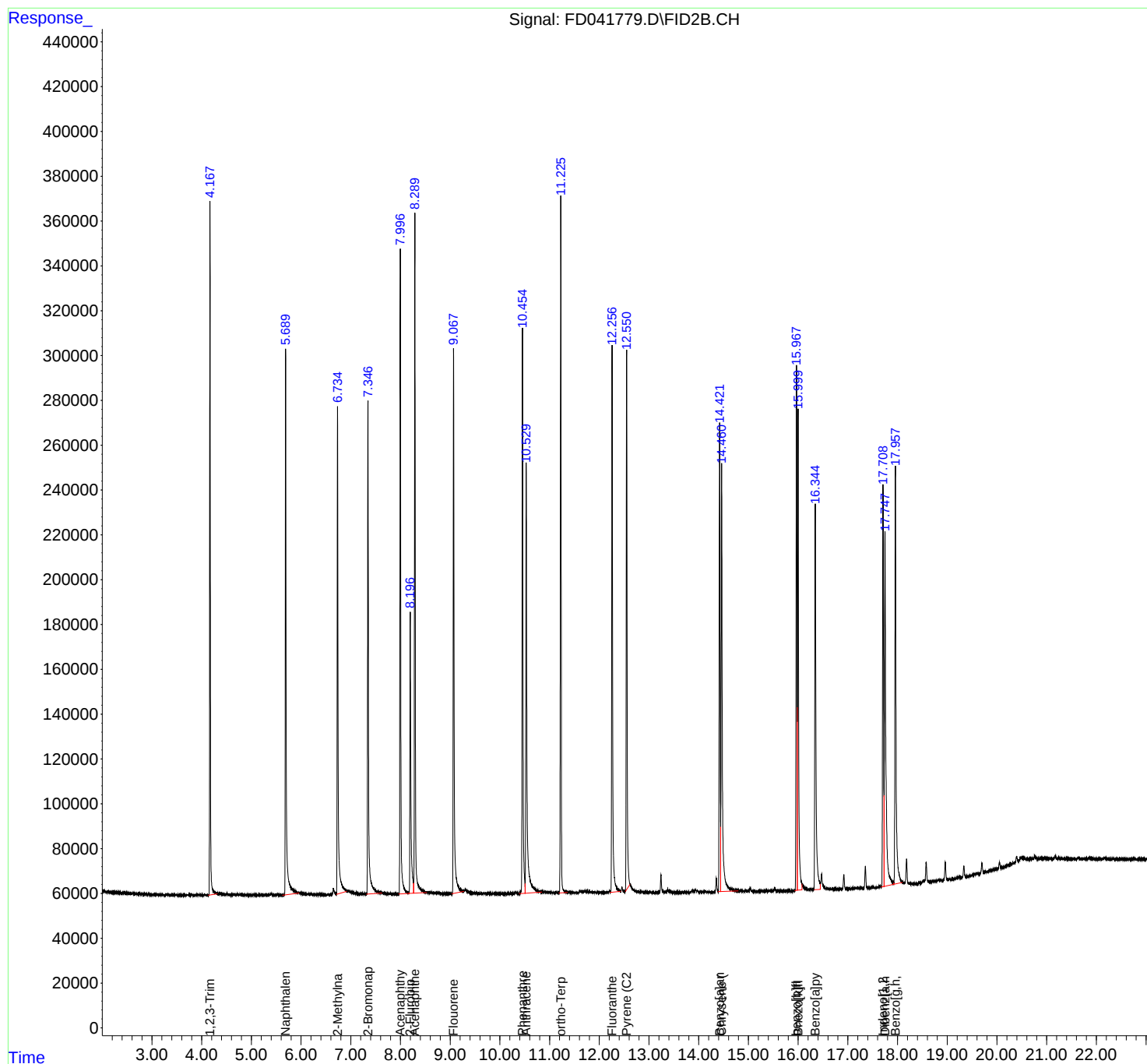
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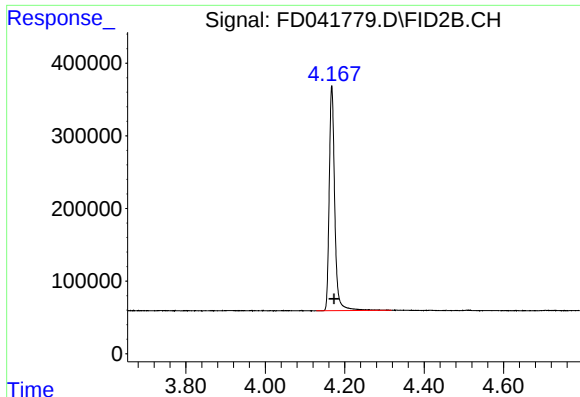
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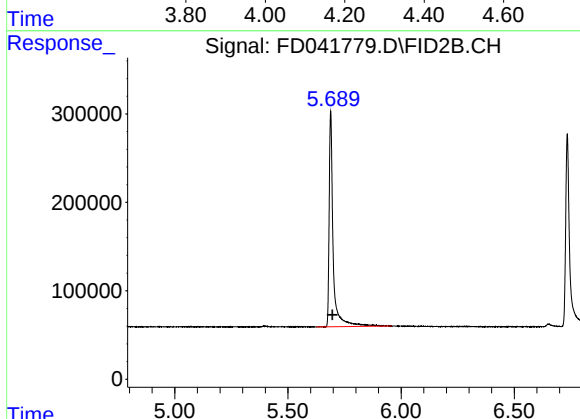
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.168 min
Delta R.T.: -0.005 min
Response: 2973755
Conc: 16.98 ug/ml

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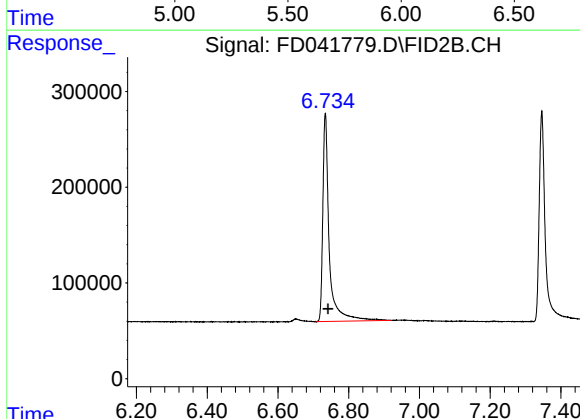
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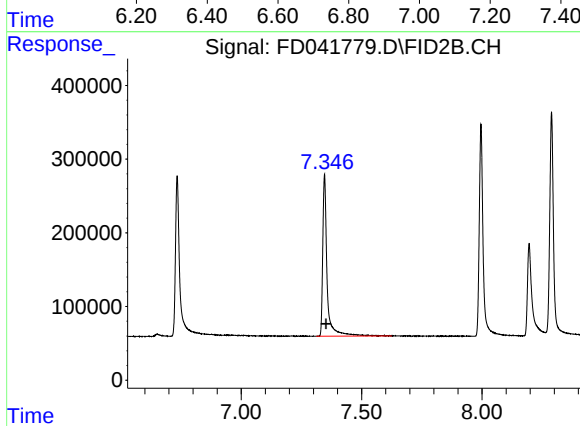
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 3013515
Conc: 17.08 ug/ml



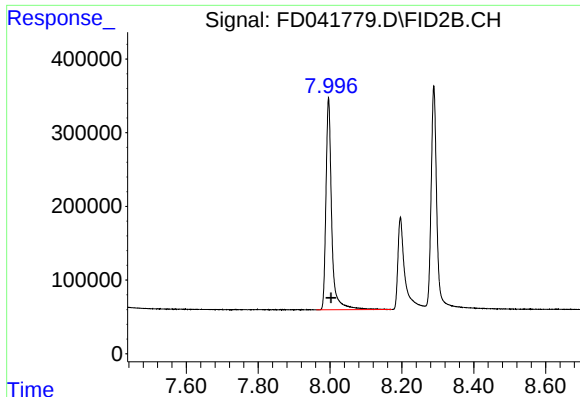
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.008 min
Response: 2753255
Conc: 17.21 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: -0.006 min
Response: 2768945
Conc: 17.26 ug/ml



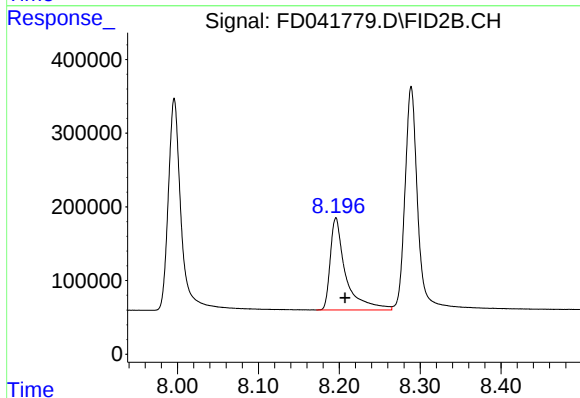
#5 Acenaphthylene (C15.06)

R.T.: 7.996 min
Delta R.T.: -0.007 min
Response: 3196623
Conc: 17.27 ug/ml

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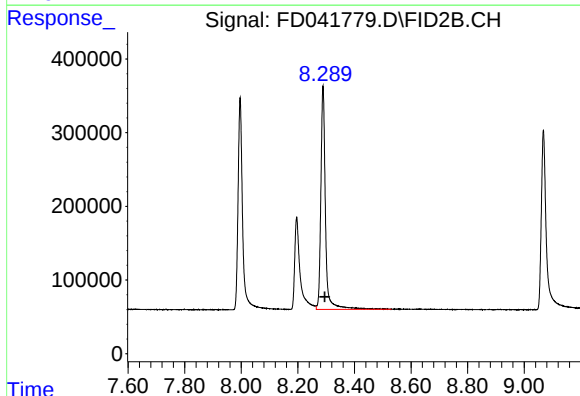
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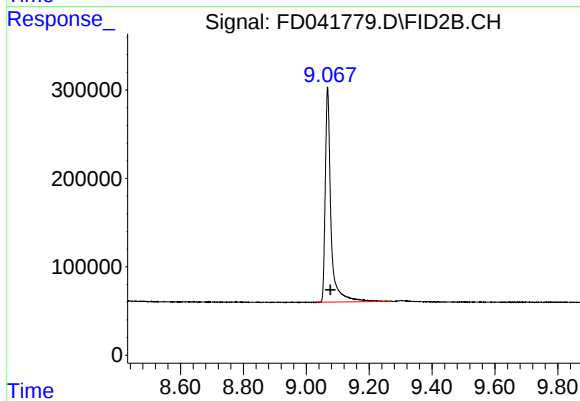
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 1668314
Conc: 16.88 ug/ml



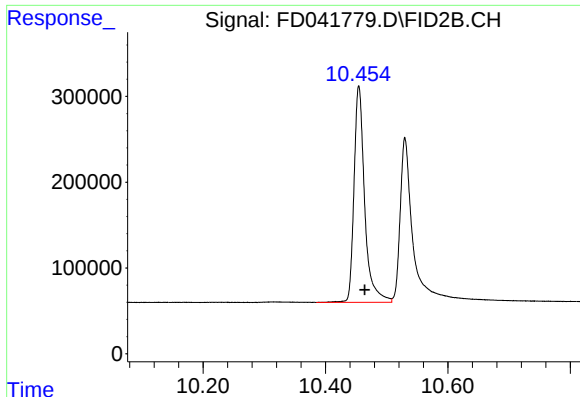
#7 Acenaphthene (C15.5)

R.T.: 8.289 min
Delta R.T.: -0.006 min
Response: 3451178
Conc: 17.98 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.068 min
Delta R.T.: -0.009 min
Response: 3073380
Conc: 17.42 ug/ml



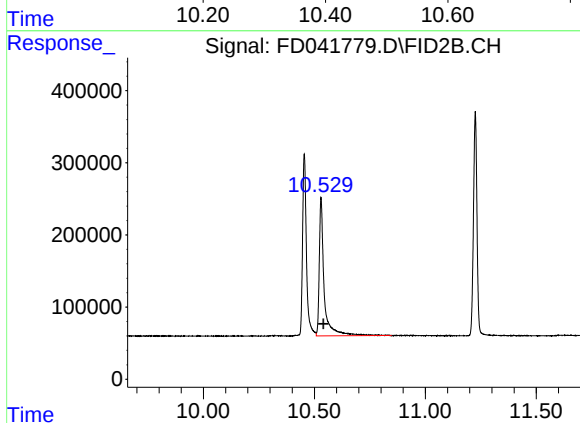
#9 Phenanthrene (C19.36)

R.T.: 10.455 min
Delta R.T.: -0.009 min
Response: 3050759
Conc: 17.49 ug/ml

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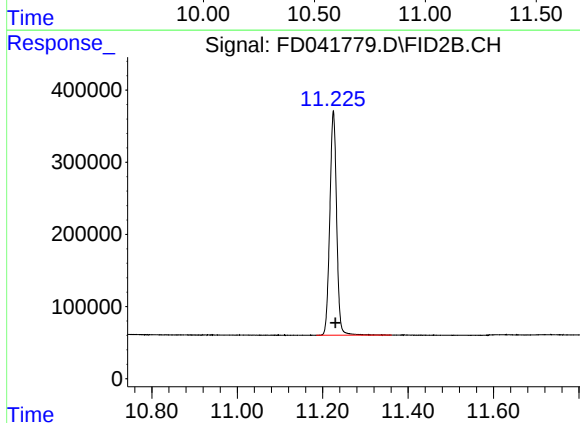
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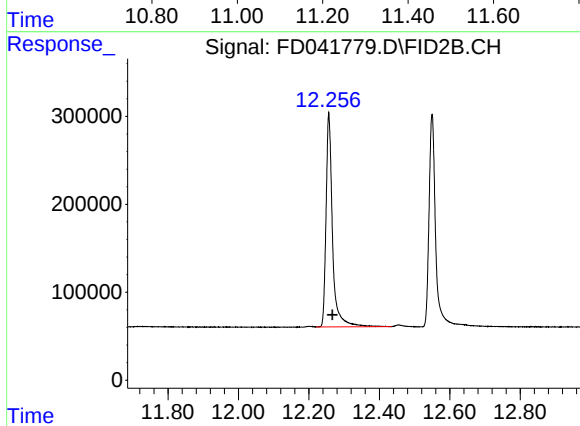
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.010 min
Response: 2958764
Conc: 16.26 ug/ml



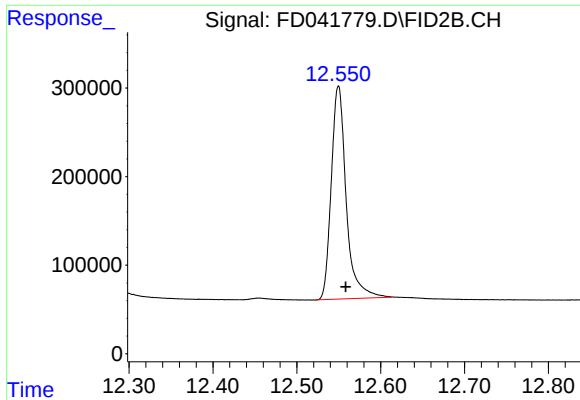
#11 ortho-Terphenyl (SURR)

R.T.: 11.225 min
Delta R.T.: -0.005 min
Response: 3444831
Conc: 17.72 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.257 min
Delta R.T.: -0.009 min
Response: 3103838
Conc: 17.58 ug/ml



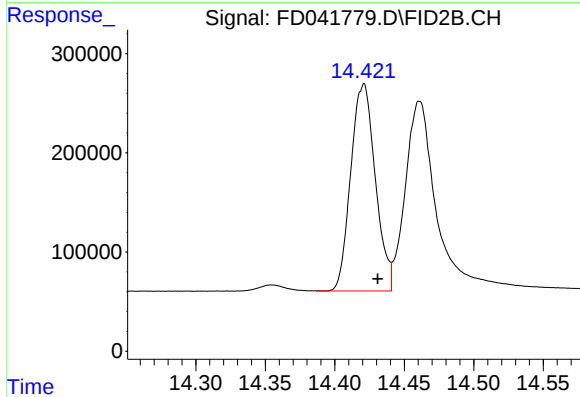
#13 Pyrene (C20.8)

R.T.: 12.550 min
Delta R.T.: -0.009 min
Response: 2985561
Conc: 17.66 ug/ml

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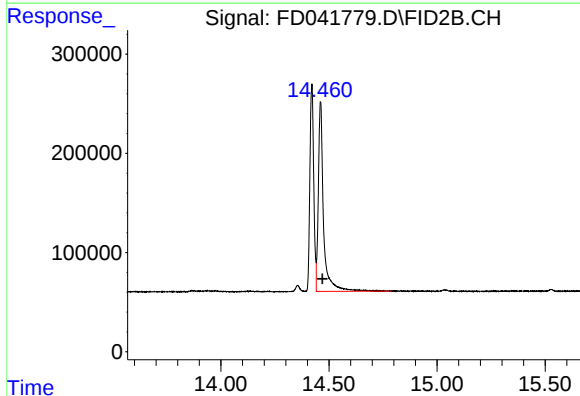
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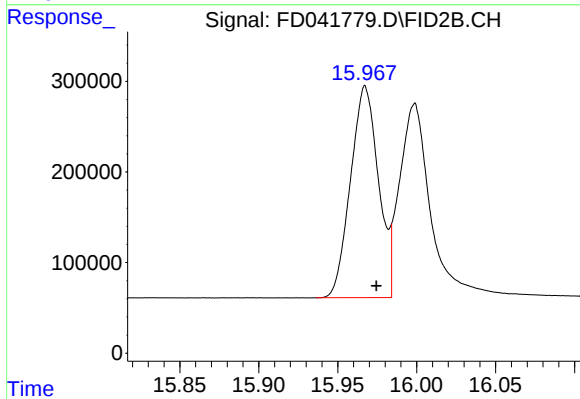
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.010 min
Response: 2566030
Conc: 17.16 ug/ml



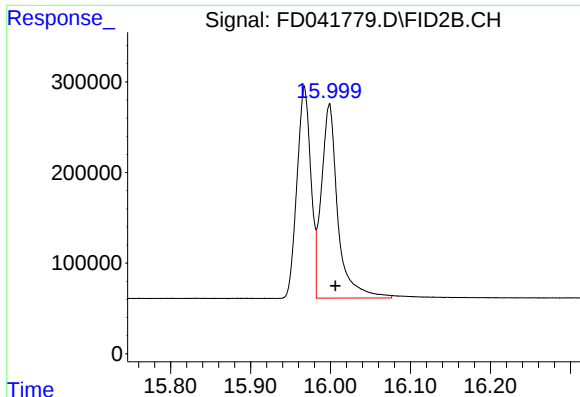
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: -0.009 min
Response: 3218843
Conc: 17.88 ug/ml



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

R.T.: 15.967 min
Delta R.T.: -0.008 min
Response: 2898157
Conc: 19.54 ug/ml m



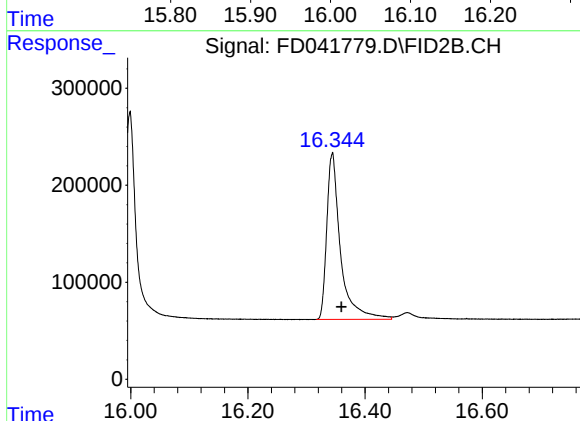
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.999 min
Delta R.T.: -0.007 min
Response: 3049026
Conc: 18.45 ug/ml

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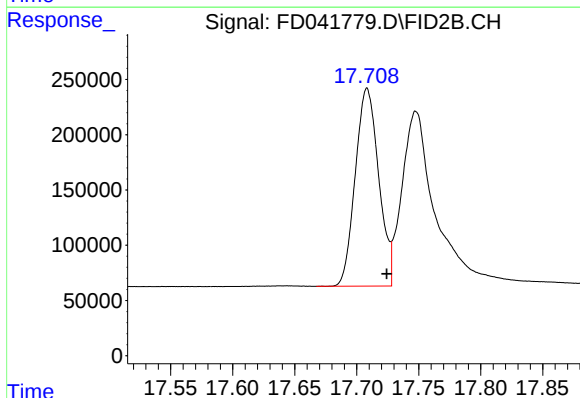
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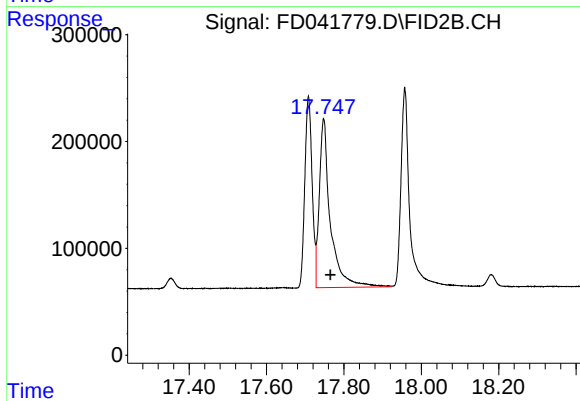
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.345 min
Delta R.T.: -0.015 min
Response: 2795444
Conc: 19.87 ug/ml



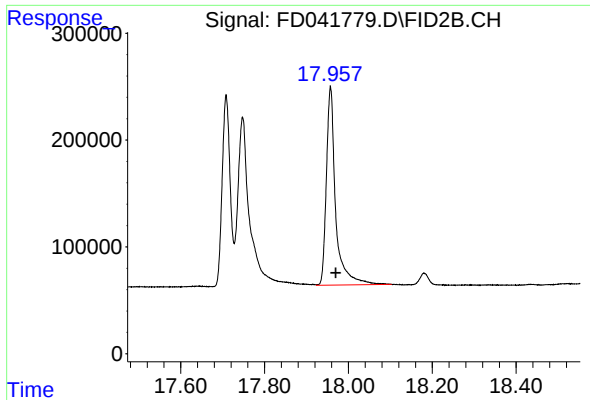
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.709 min
Delta R.T.: -0.016 min
Response: 2358857
Conc: 21.42 ug/ml



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

R.T.: 17.748 min
Delta R.T.: -0.018 min
Response: 3132838
Conc: 21.64 ug/ml



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

R.T.: 17.957 min
Delta R.T.: -0.012 min
Response: 2864612
Conc: 21.58 ug/ml

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