

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071624AR\
 Data File : FD048010.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2024 17:02
 Operator : YP/AJ
 Sample : P3245-01MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-CTW2-BL-EPH-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e
 Quant Time: Jul 17 01:37:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.410	7261628	48.859 ug/ml
Spiked Amount 50.000		Recovery =	97.72%
6) S 2-Fluorobiphenyl (SURR)	8.262	4793321	50.648 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.30%
11) S ortho-Terphenyl (SURR)	11.299	5192627	31.034 ug/mlm
Spiked Amount 50.000		Recovery =	62.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.228	5296970	31.633 ug/ml
2) T Naphthalene (C11.7)	5.748	6143993	35.553 ug/ml
3) T 2-Methylnaphthalene (...)	6.797	6447675	37.168 ug/ml
5) T Acenaphthylene (C15.06)	8.064	6591205	38.462 ug/ml
7) T Acenaphthene (C15.5)	8.359	6598158	38.035 ug/ml
8) T Flouorene (C16.55)	9.139	6699045	41.245 ug/ml
9) T Phenanthrene (C19.36)	10.527	6935048	43.668 ug/ml
10) T Anthracene (C19.43)	10.603	7058594	44.703 ug/ml
12) T Fluoranthene (C21.85)	12.334	7235515	45.698 ug/ml
13) T Pyrene (C20.8)	12.627	7295053	46.134 ug/ml
14) T Benzo[a]anthracene (C...	14.498	6794394	49.766 ug/ml
15) T Chrysene (C27.41)	14.540	6860634	42.559 ug/ml
16) T benzo[b]fluoranthene ...	16.045	6725443	46.725 ug/ml
17) T Bnezo[k]fluoranthene ...	16.079	6735187	45.095 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.421	6390665	45.120 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.787	6670164	59.140 ug/ml
20) T Dibenz[a,h]anthracene...	17.824	6470308	44.520 ug/ml
21) T Benzo[g,h,i]perylene ...	18.038	6199418	42.067 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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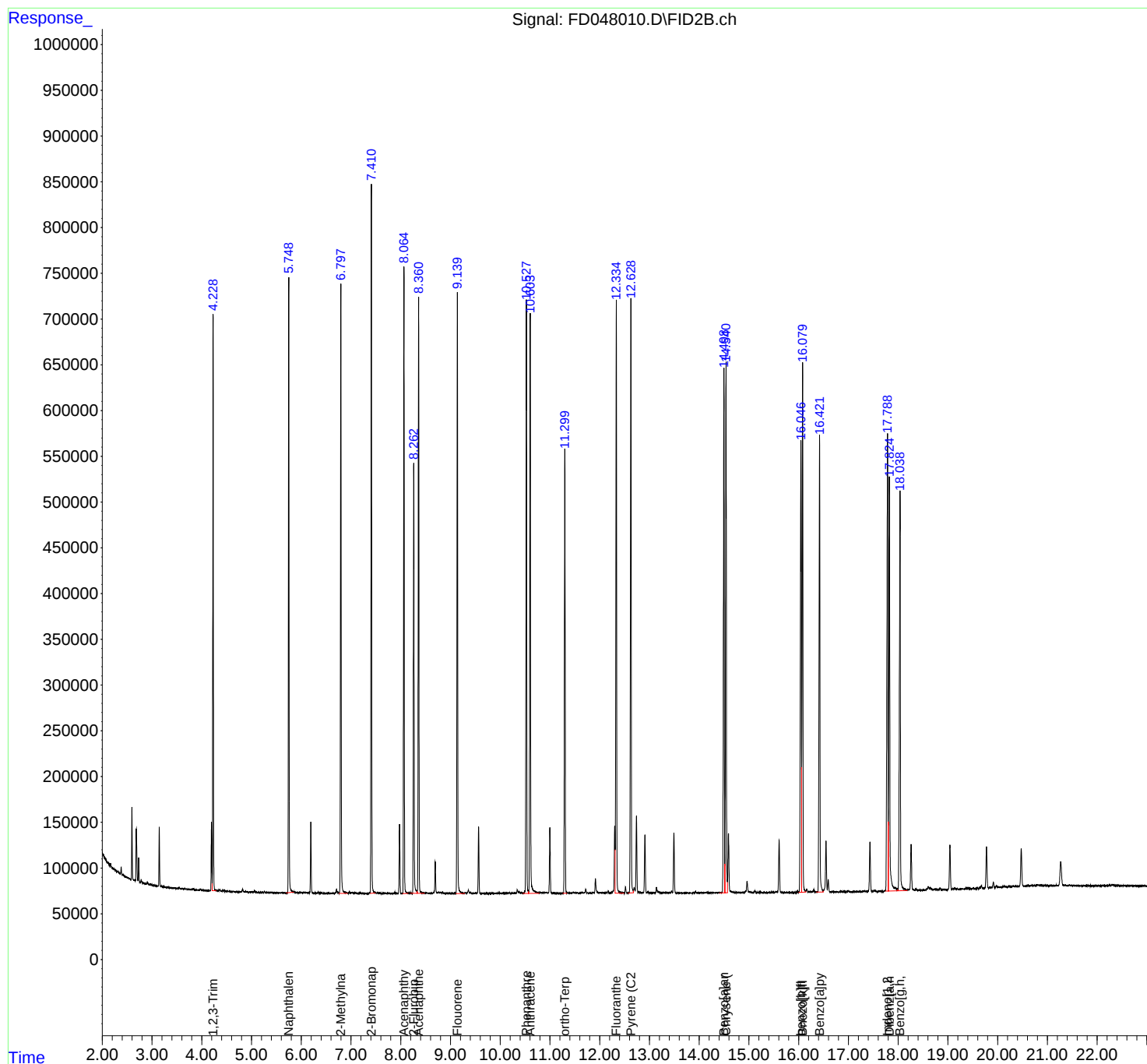
Instrument :
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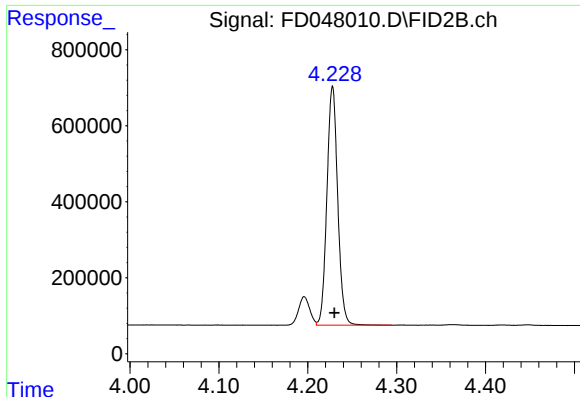
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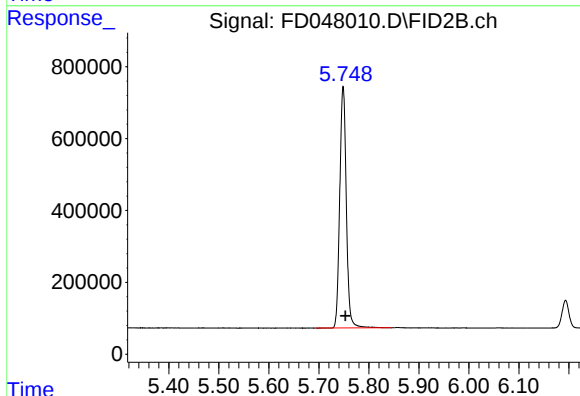
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.228 min
Delta R.T.: -0.002 min
Response: 5296970
Conc: 31.63 ug/ml

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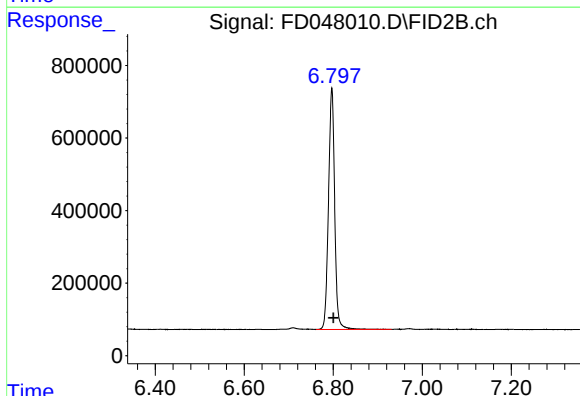
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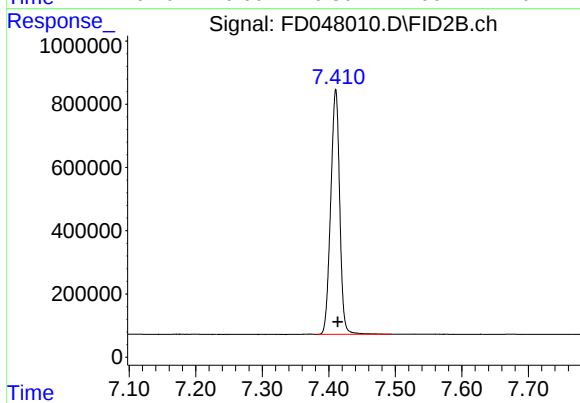
#2 Naphthalene (C11.7)

R.T.: 5.748 min
Delta R.T.: -0.005 min
Response: 6143993
Conc: 35.55 ug/ml



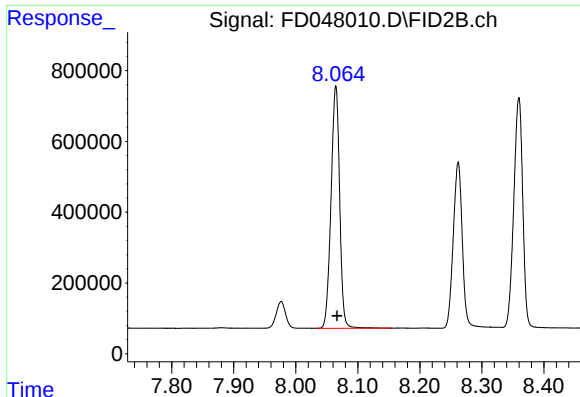
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.797 min
Delta R.T.: -0.004 min
Response: 6447675
Conc: 37.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 7261628
Conc: 48.86 ug/ml



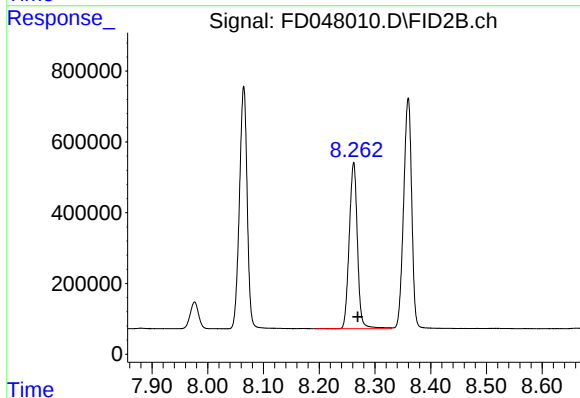
#5 Acenaphthylene (C15.06)

R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 6591205
Conc: 38.46 ug/ml

Instrument :
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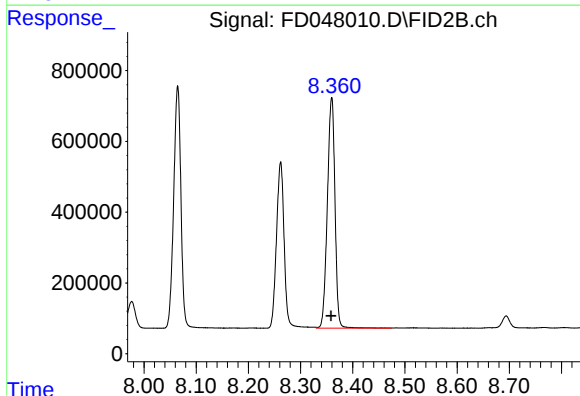
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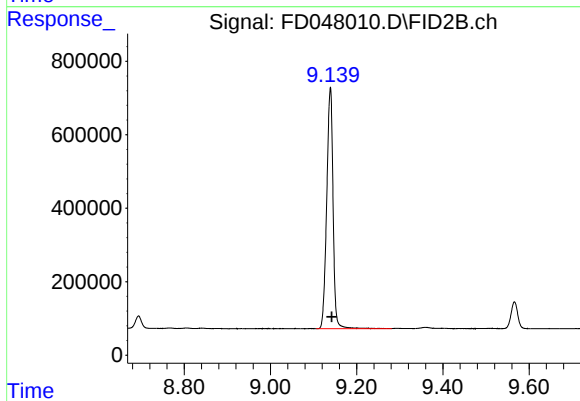
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.262 min
Delta R.T.: -0.007 min
Response: 4793321
Conc: 50.65 ug/ml



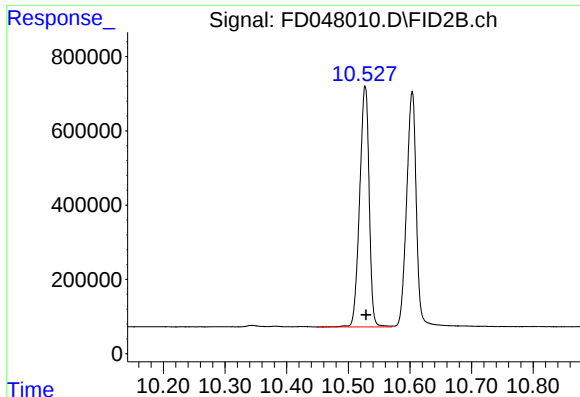
#7 Acenaphthene (C15.5)

R.T.: 8.359 min
Delta R.T.: 0.000 min
Response: 6598158
Conc: 38.03 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.139 min
Delta R.T.: -0.003 min
Response: 6699045
Conc: 41.25 ug/ml



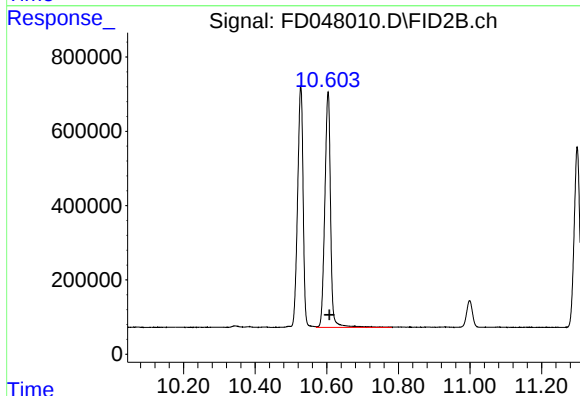
#9 Phenanthrene (C19.36)

R.T.: 10.527 min
Delta R.T.: -0.002 min
Response: 6935048
Conc: 43.67 ug/ml

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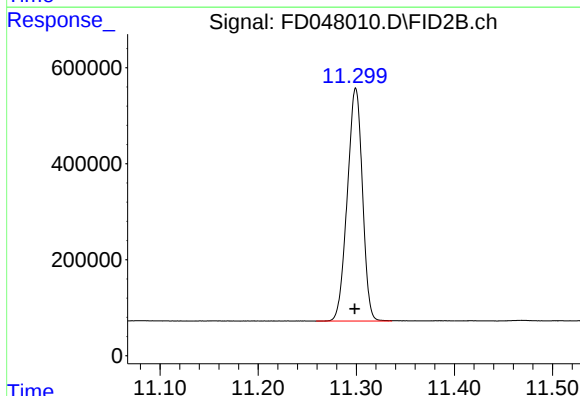
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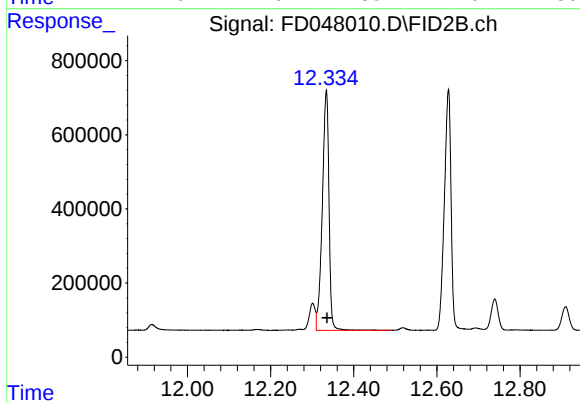
#10 Anthracene (C19.43)

R.T.: 10.603 min
Delta R.T.: -0.004 min
Response: 7058594
Conc: 44.70 ug/ml



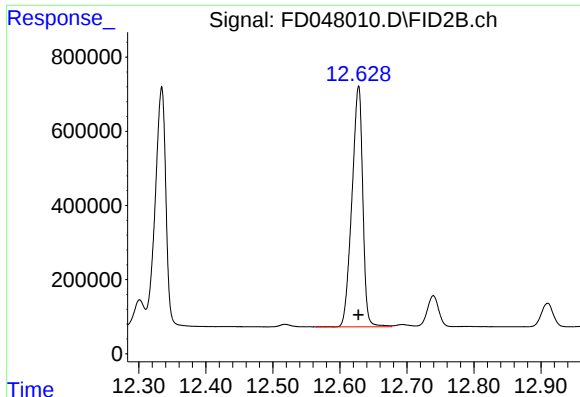
#11 ortho-Terphenyl (SURR)

R.T.: 11.299 min
Delta R.T.: 0.000 min
Response: 5192627
Conc: 31.03 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.334 min
Delta R.T.: -0.002 min
Response: 7235515
Conc: 45.70 ug/ml



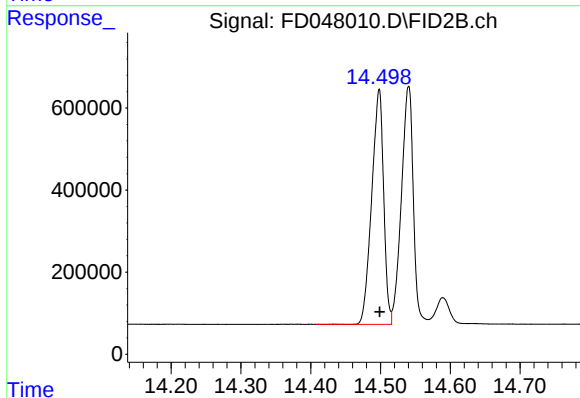
#13 Pyrene (C20.8)

R.T.: 12.627 min
Delta R.T.: 0.000 min
Response: 7295053
Conc: 46.13 ug/ml

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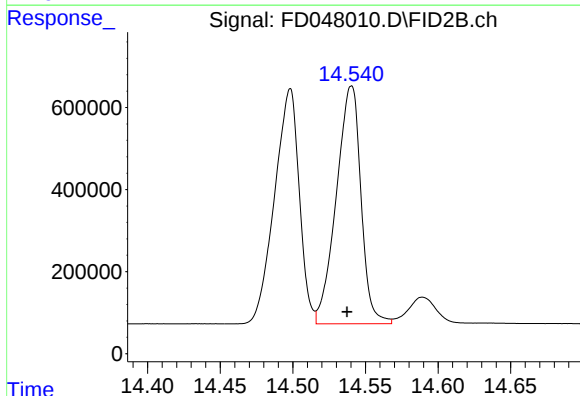
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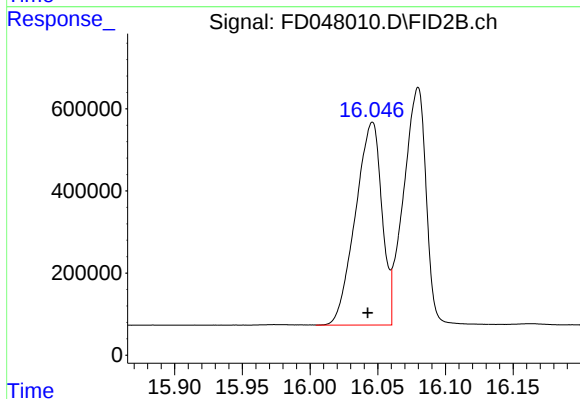
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.498 min
Delta R.T.: -0.001 min
Response: 6794394
Conc: 49.77 ug/ml



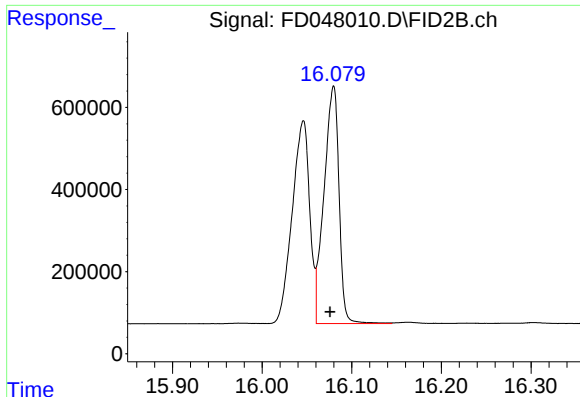
#15 Chrysene (C27.41)

R.T.: 14.540 min
Delta R.T.: 0.002 min
Response: 6860634
Conc: 42.56 ug/ml



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

R.T.: 16.045 min
Delta R.T.: 0.003 min
Response: 6725443
Conc: 46.73 ug/ml



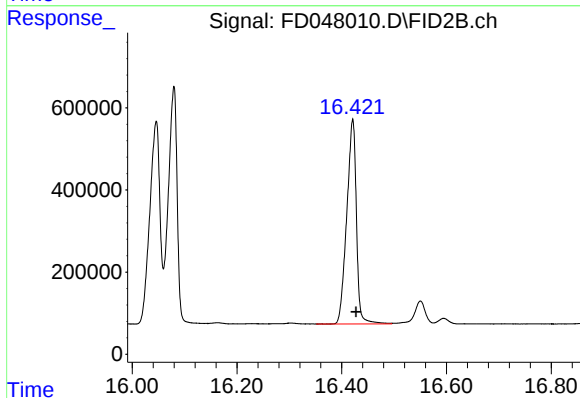
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.079 min
Delta R.T.: 0.003 min
Response: 6735187
Conc: 45.09 ug/ml

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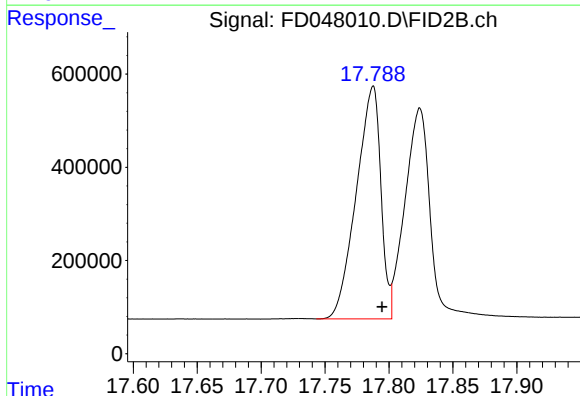
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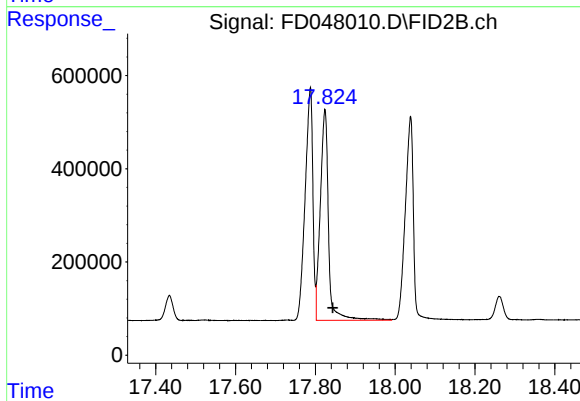
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.421 min
Delta R.T.: -0.007 min
Response: 6390665
Conc: 45.12 ug/ml



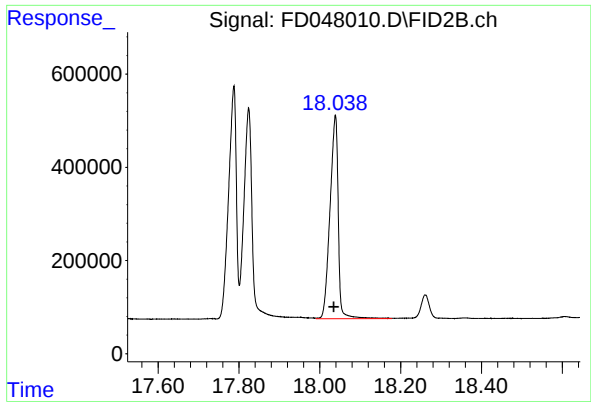
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.787 min
Delta R.T.: -0.008 min
Response: 6670164
Conc: 59.14 ug/ml



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

R.T.: 17.824 min
Delta R.T.: -0.020 min
Response: 6470308
Conc: 44.52 ug/ml



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

R.T.: 18.038 min
Delta R.T.: 0.003 min
Response: 6199418
Conc: 42.07 ug/ml

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