

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036398.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 14:13
 Operator : DD\AJ
 Sample : M1458-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 18 02:13:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.601	7184151	60.949 ug/ml
Spiked Amount 50.000		Recovery =	121.90%
6) S 2-Fluorobiphenyl (SURR)	8.462	4916538	59.078 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.16%
11) S ortho-Terphenyl (SURR)	11.504	7362277	52.257 ug/ml
Spiked Amount 50.000		Recovery =	104.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.400	488189	3.894 ug/ml
2) T Naphthalene (C11.7)	5.936	561208	4.141 ug/ml
3) T 2-Methylnaphthalene (...)	6.986	592291	4.337 ug/ml
5) T Acenaphthylene (C15.06)	8.260	559008	4.155 ug/ml
7) T Acenaphthene (C15.5)	8.555	576742	4.167 ug/ml
8) T Flouorene (C16.55)	9.334	606460	4.444 ug/ml
9) T Phenanthrene (C19.36)	10.728	589080	4.276 ug/ml
10) T Anthracene (C19.43)	10.802	569653	4.243 ug/ml
12) T Fluoranthene (C21.85)	12.537	591858	4.262 ug/ml
13) T Pyrene (C20.8)	12.833	589525	4.300 ug/ml
14) T Benzo[a]anthracene (C...	14.701	540701	4.275 ug/ml
15) T Chrysene (C27.41)	14.742	563523	4.352 ug/ml
16) T benzo[b]fluoranthene ...	16.246	553652	4.549 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.278	526986	4.475 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.624	528647	4.794 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.983	482784	4.364 ug/ml
20) T Dibenz[a,h]anthracene...	18.025	532467	4.812 ug/ml
21) T Benzo[g,h,i]perylene ...	18.236	516458	4.671 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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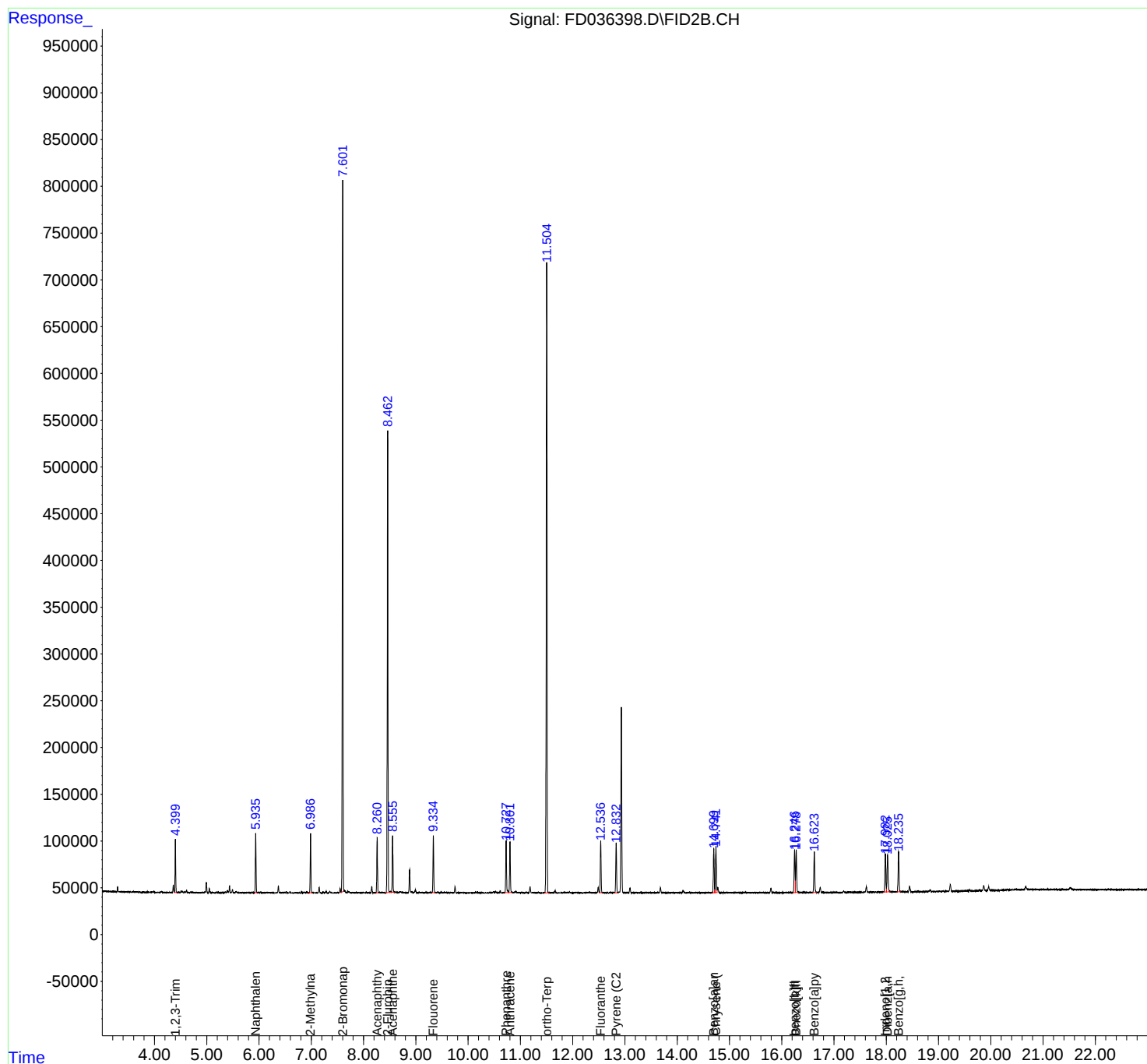
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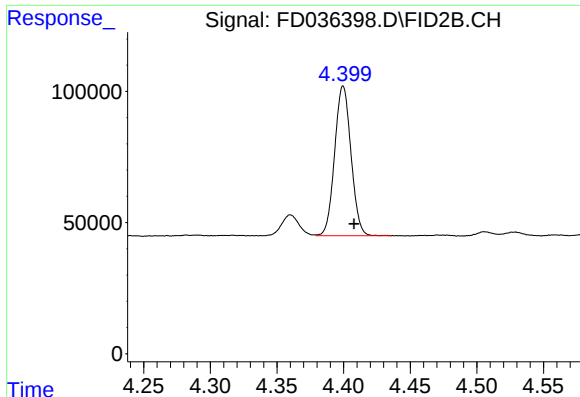
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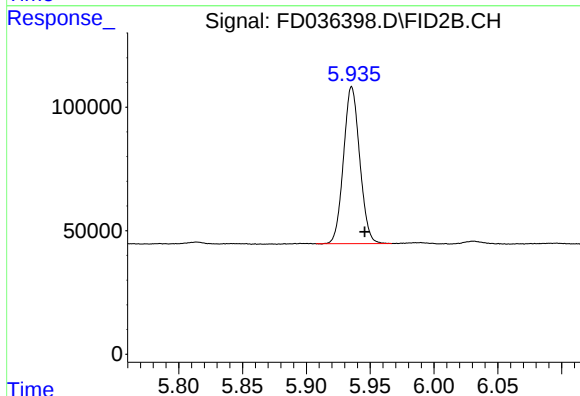
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.400 min
Delta R.T.: -0.008 min
Response: 488189
Conc: 3.89 ug/ml

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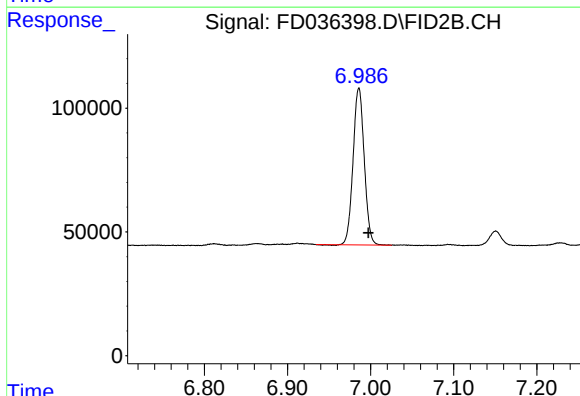
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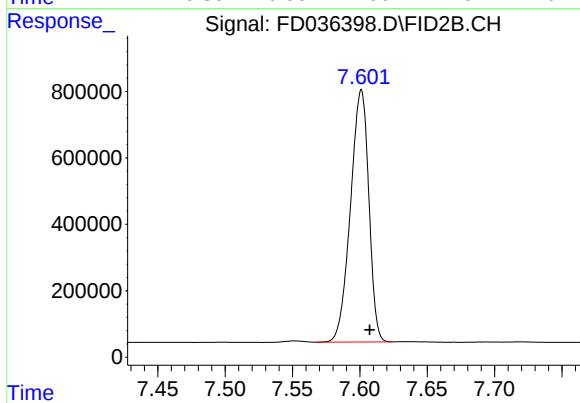
#2 Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.010 min
Response: 561208
Conc: 4.14 ug/ml



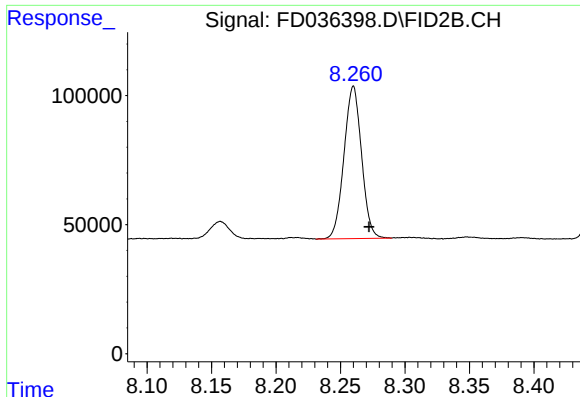
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.011 min
Response: 592291
Conc: 4.34 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 7184151
Conc: 60.95 ug/ml



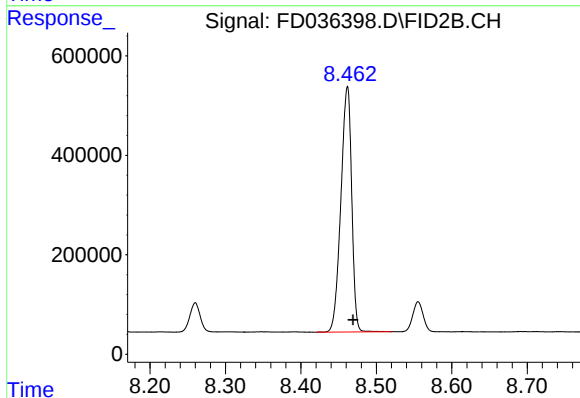
#5 Acenaphthylene (C15.06)

R.T.: 8.260 min
Delta R.T.: -0.012 min
Response: 559008
Conc: 4.15 ug/ml

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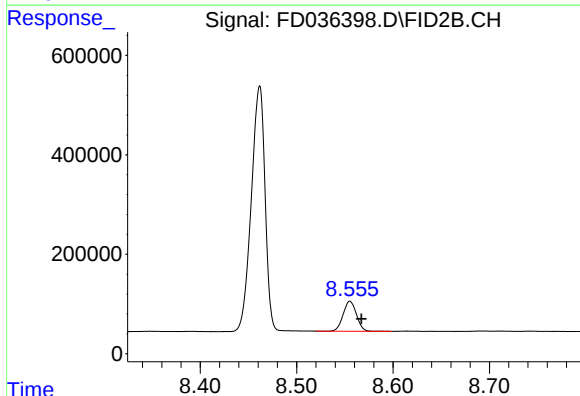
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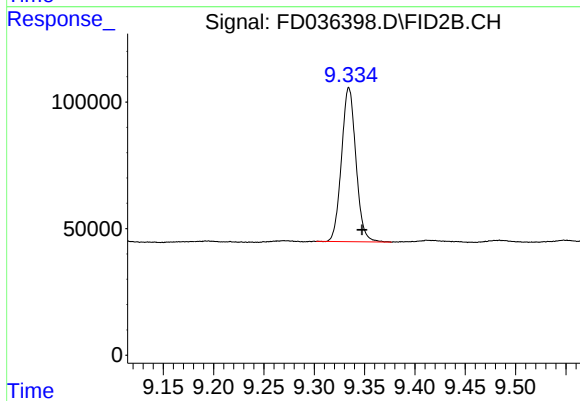
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.462 min
Delta R.T.: -0.007 min
Response: 4916538
Conc: 59.08 ug/ml



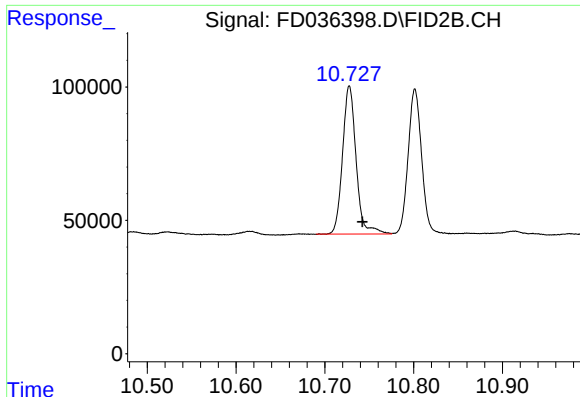
#7 Acenaphthene (C15.5)

R.T.: 8.555 min
Delta R.T.: -0.012 min
Response: 576742
Conc: 4.17 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.334 min
Delta R.T.: -0.013 min
Response: 606460
Conc: 4.44 ug/ml



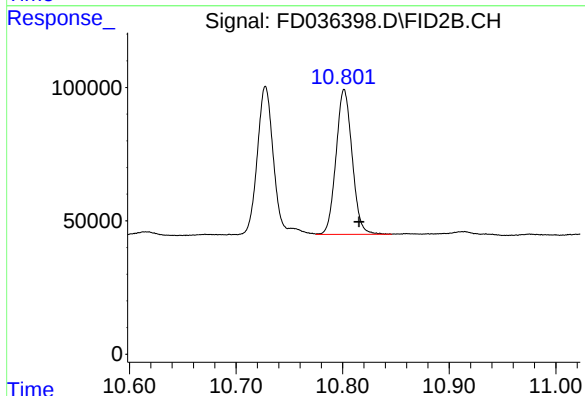
#9 Phenanthrene (C19.36)

R.T.: 10.728 min
Delta R.T.: -0.015 min
Response: 589080
Conc: 4.28 ug/ml

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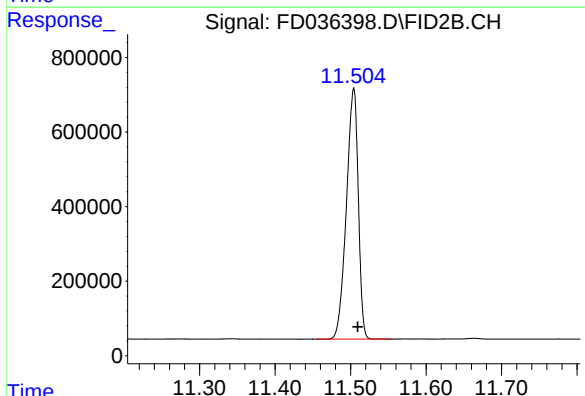
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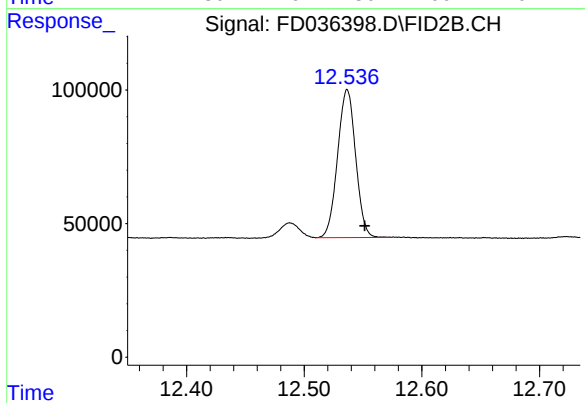
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: -0.014 min
Response: 569653
Conc: 4.24 ug/ml



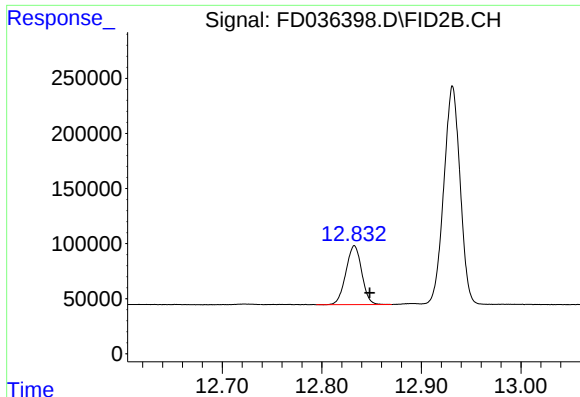
#11 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: -0.005 min
Response: 7362277
Conc: 52.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: -0.015 min
Response: 591858
Conc: 4.26 ug/ml



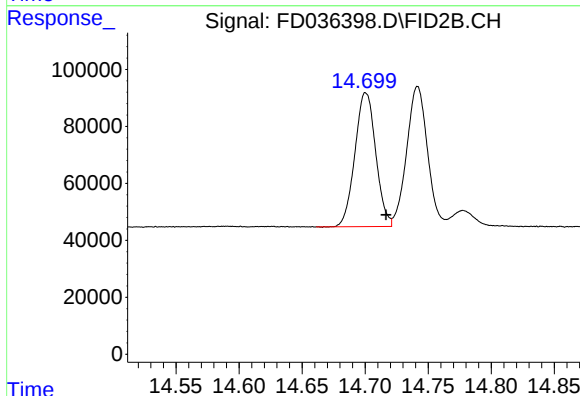
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: -0.015 min
Response: 589525
Conc: 4.30 ug/ml

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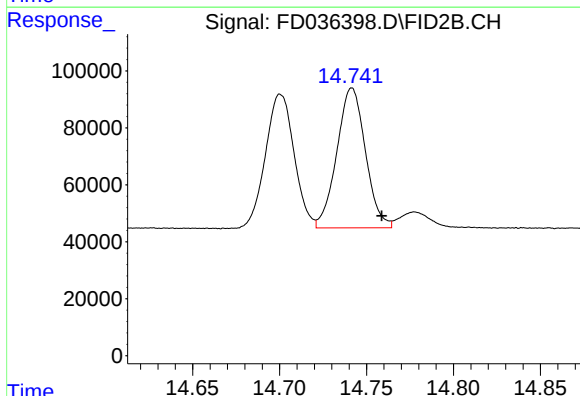
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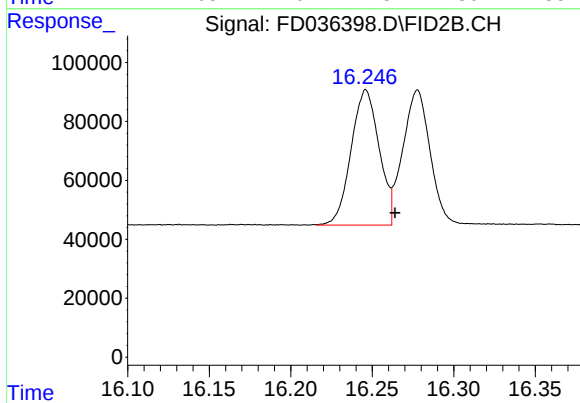
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: -0.016 min
Response: 540701
Conc: 4.27 ug/ml



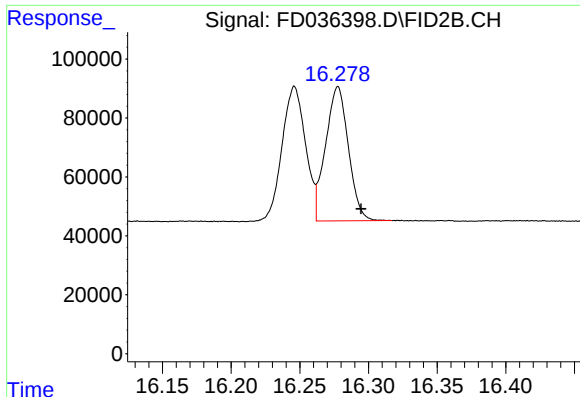
#15 Chrysene (C27.41)

R.T.: 14.742 min
Delta R.T.: -0.017 min
Response: 563523
Conc: 4.35 ug/ml



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

R.T.: 16.246 min
Delta R.T.: -0.019 min
Response: 553652
Conc: 4.55 ug/ml m



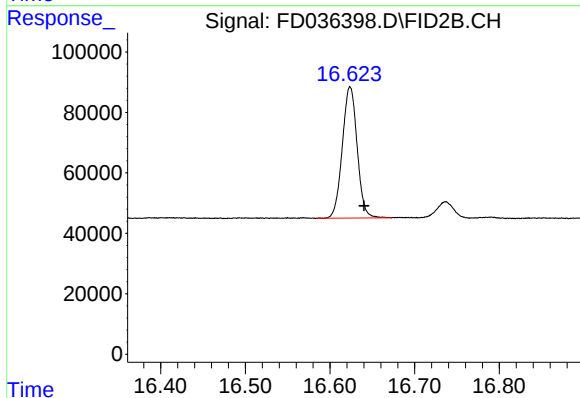
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.278 min
Delta R.T.: -0.017 min
Response: 526986
Conc: 4.48 ug/ml

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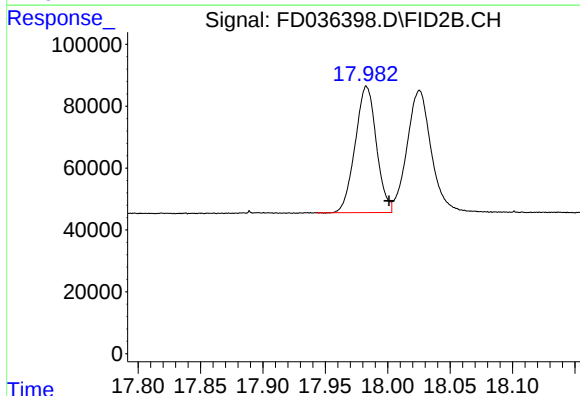
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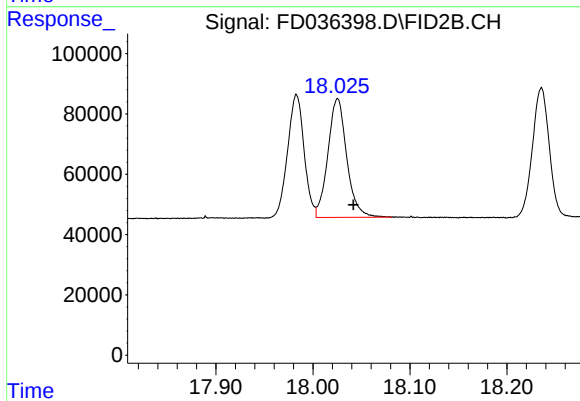
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.624 min
Delta R.T.: -0.017 min
Response: 528647
Conc: 4.79 ug/ml



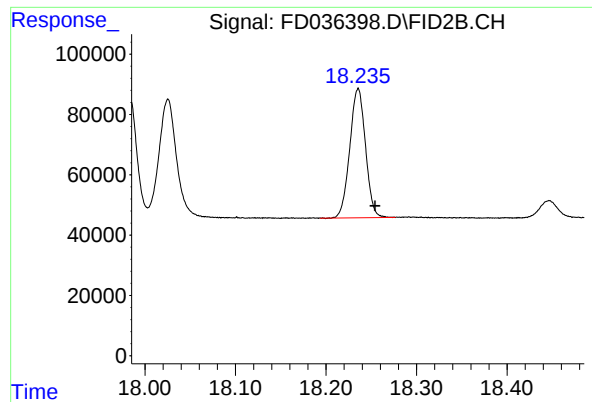
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.983 min
Delta R.T.: -0.018 min
Response: 482784
Conc: 4.36 ug/ml



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

R.T.: 18.025 min
Delta R.T.: -0.016 min
Response: 532467
Conc: 4.81 ug/ml



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

R.T.: 18.236 min
Delta R.T.: -0.019 min
Response: 516458
Conc: 4.67 ug/ml

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