

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042721AR\
 Data File : FD037201.D
 Signal(s) : FID2B.CH
 Acq On : 28 Apr 2021 6:41
 Operator : DD\AJ
 Sample : PB136011BS
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB136011BS

Manual Integrations
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 4/28/2021 3:44:08 PM

Integration File: autoint1.e
 Quant Time: Apr 28 08:28:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.577	5279734	44.654 ug/ml
Spiked Amount 50.000		Recovery =	89.31%
6) S 2-Fluorobiphenyl (SURR)	8.437	2228546	28.881 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.76%
11) S ortho-Terphenyl (SURR)	11.479	4389182	35.535 ug/ml
Spiked Amount 50.000		Recovery =	71.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.373	3566826	26.823 ug/ml
2) T Naphthalene (C11.7)	5.912	4199066	30.546 ug/ml
3) T 2-Methylnaphthalene (...)	6.965	4348414	32.426 ug/ml
5) T Acenaphthylene (C15.06)	8.242	4705002	37.615 ug/ml
7) T Acenaphthene (C15.5)	8.538	4510302	34.902 ug/ml
8) T Flouorene (C16.55)	9.318	4648224	37.948 ug/ml
9) T Phenanthrene (C19.36)	10.713	4582720	38.876 ug/ml
10) T Anthracene (C19.43)	10.789	4547200	39.477 ug/ml
12) T Fluoranthene (C21.85)	12.526	4517370	38.733 ug/ml
13) T Pyrene (C20.8)	12.822	4503066	39.115 ug/ml
14) T Benzo[a]anthracene (C...	14.692	4310738	39.167 ug/ml
15) T Chrysene (C27.41)	14.736	4694372	41.469 ug/ml
16) T benzo[b]fluoranthene ...	16.242	4471023	39.861 ug/ml
17) T Bnezo[k]fluoranthene ...	16.277	4351605	40.403 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.622	4463590	43.127 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	4120764	38.738 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	4260827	40.780 ug/ml
21) T Benzo[g,h,i]perylene ...	18.244	4309957	40.351 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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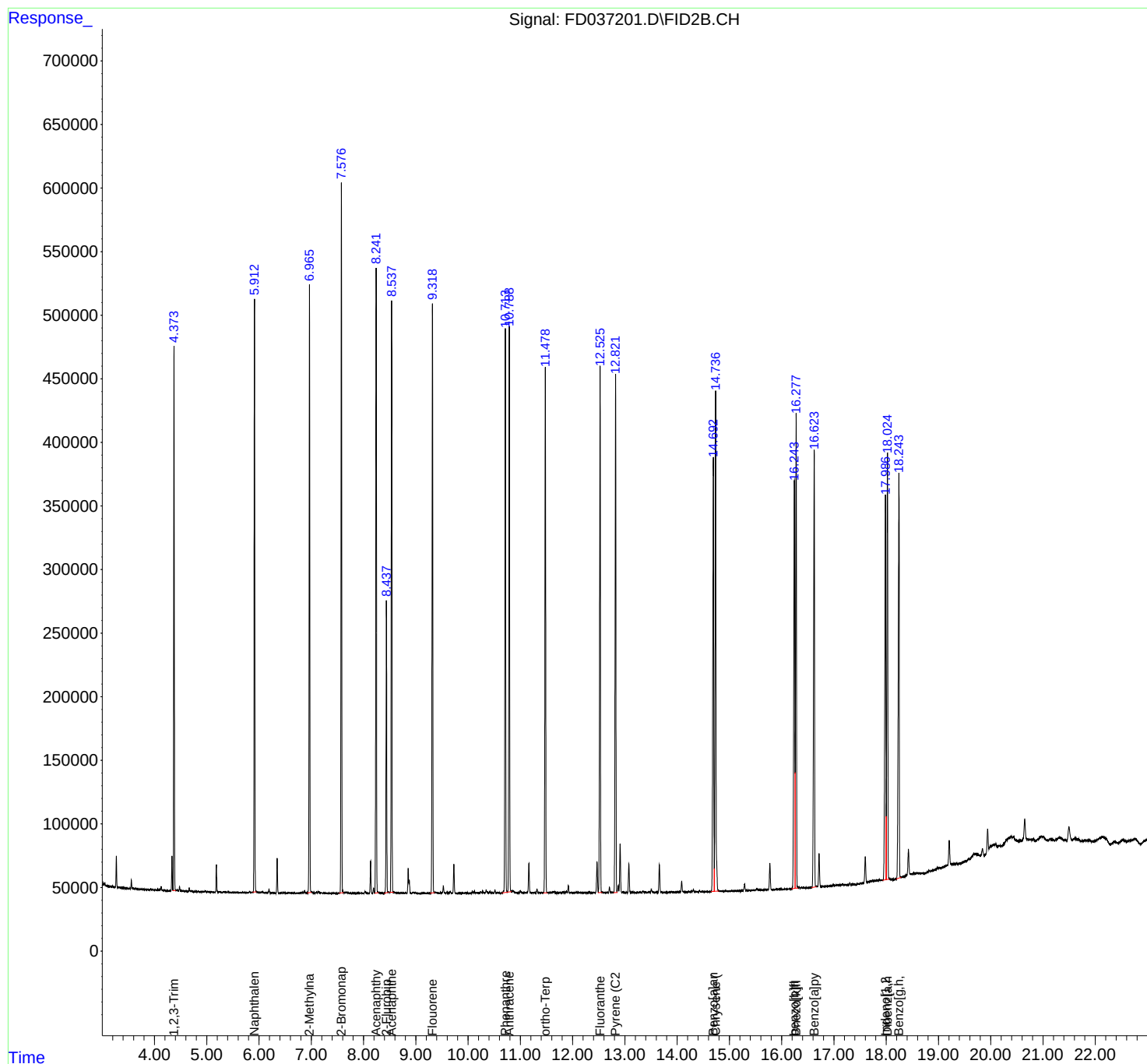
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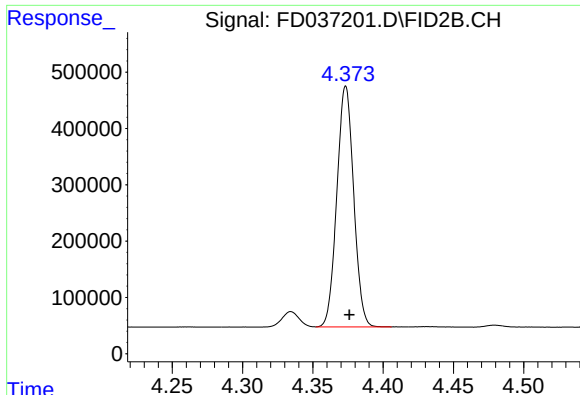
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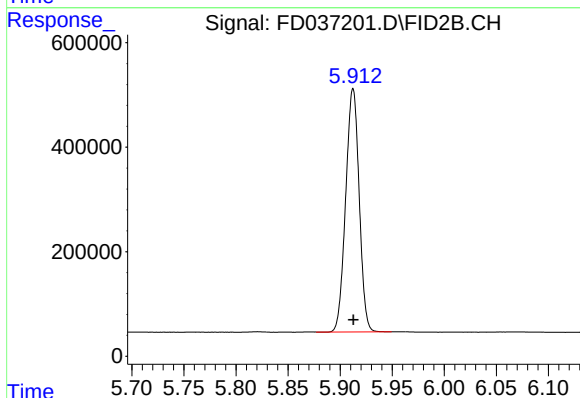
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.373 min
Delta R.T.: -0.003 min
Response: 3566826
Conc: 26.82 ug/ml

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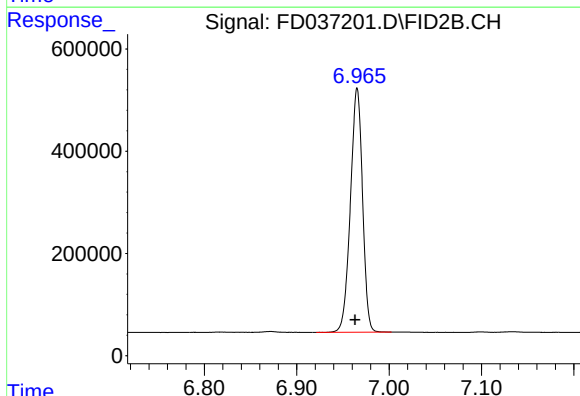
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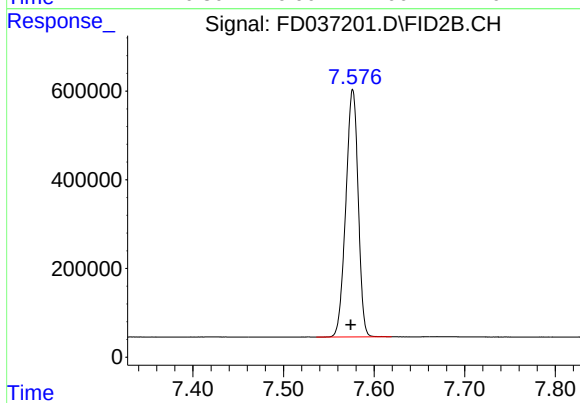
#2 Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 4199066
Conc: 30.55 ug/ml



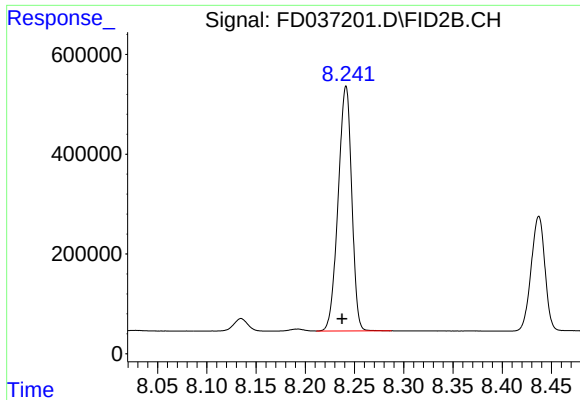
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.965 min
Delta R.T.: 0.002 min
Response: 4348414
Conc: 32.43 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.577 min
Delta R.T.: 0.002 min
Response: 5279734
Conc: 44.65 ug/ml



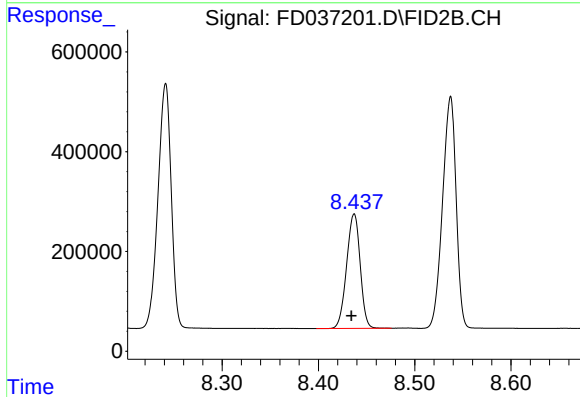
#5 Acenaphthylene (C15.06)

R.T.: 8.242 min
Delta R.T.: 0.004 min
Response: 4705002
Conc: 37.62 ug/ml

Instrument :
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PB136011BS

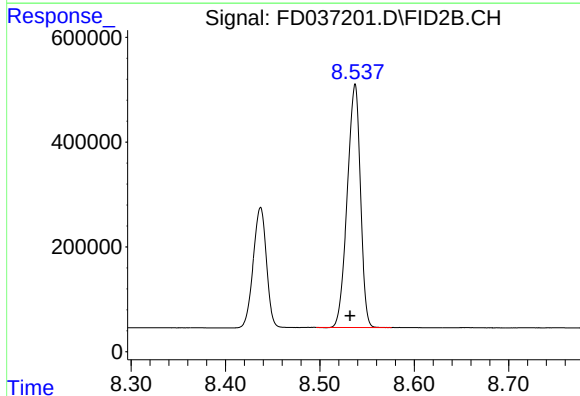
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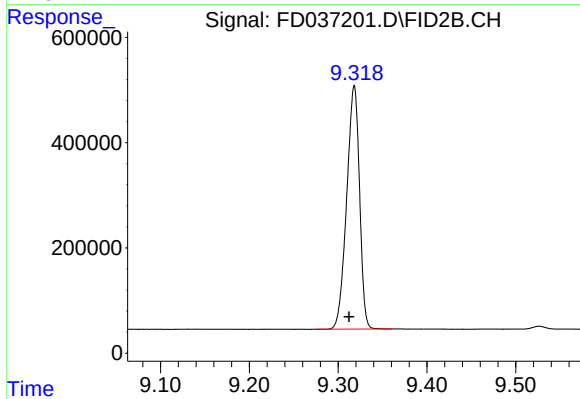
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.437 min
Delta R.T.: 0.003 min
Response: 2228546
Conc: 28.88 ug/ml



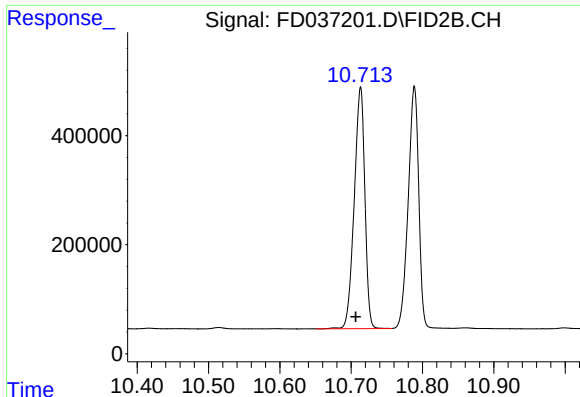
#7 Acenaphthene (C15.5)

R.T.: 8.538 min
Delta R.T.: 0.005 min
Response: 4510302
Conc: 34.90 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.318 min
Delta R.T.: 0.006 min
Response: 4648224
Conc: 37.95 ug/ml



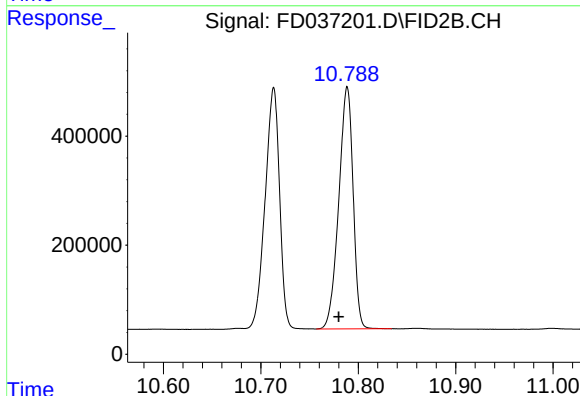
#9 Phenanthrene (C19.36)

R.T.: 10.713 min
Delta R.T.: 0.007 min
Response: 4582720
Conc: 38.88 ug/ml

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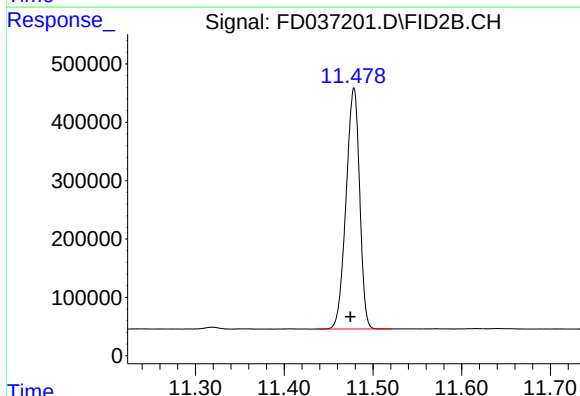
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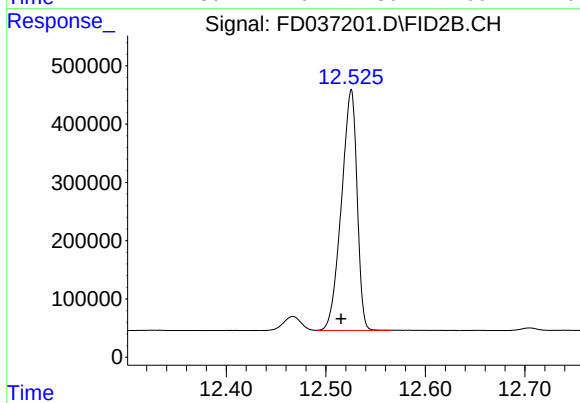
#10 Anthracene (C19.43)

R.T.: 10.789 min
Delta R.T.: 0.009 min
Response: 4547200
Conc: 39.48 ug/ml



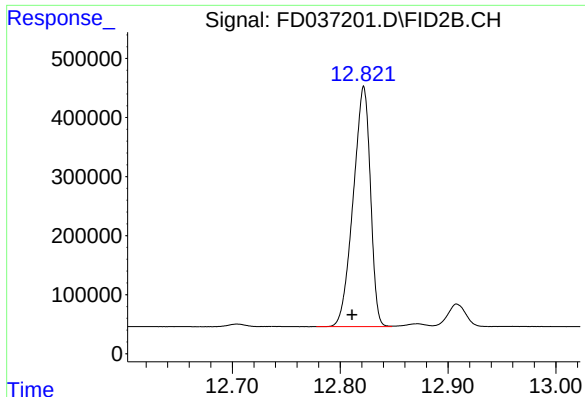
#11 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: 0.004 min
Response: 4389182
Conc: 35.54 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.526 min
Delta R.T.: 0.010 min
Response: 4517370
Conc: 38.73 ug/ml



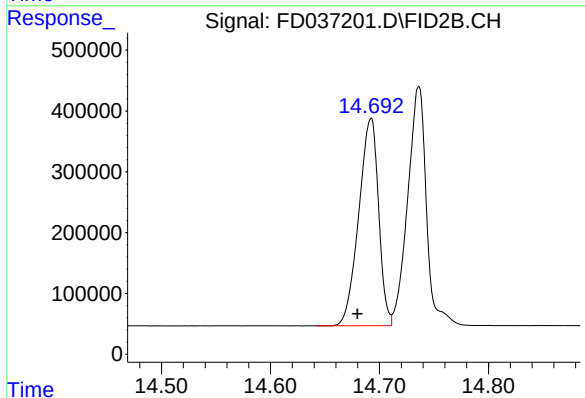
#13 Pyrene (C20.8)

R.T.: 12.822 min
Delta R.T.: 0.011 min
Response: 4503066
Conc: 39.12 ug/ml

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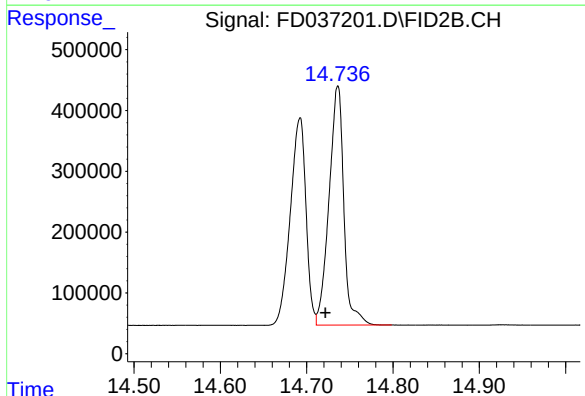
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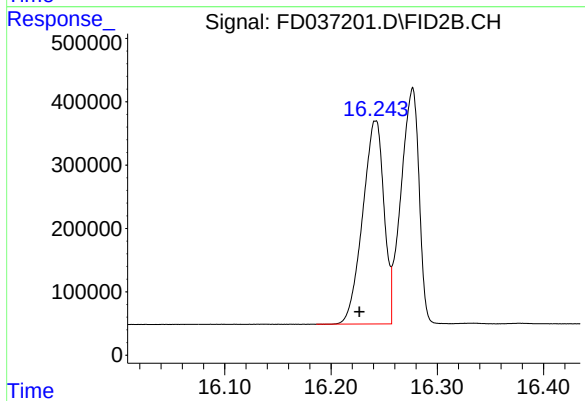
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min
Delta R.T.: 0.013 min
Response: 4310738
Conc: 39.17 ug/ml



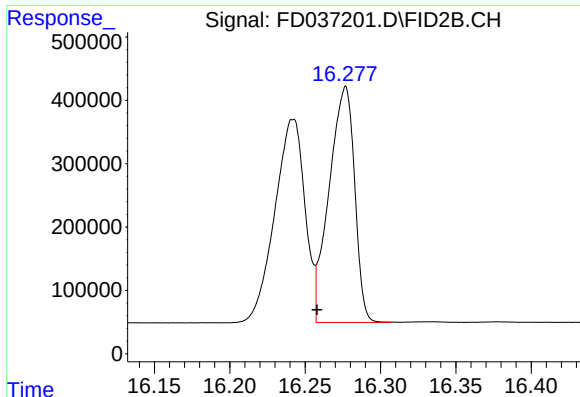
#15 Chrysene (C27.41)

R.T.: 14.736 min
Delta R.T.: 0.015 min
Response: 4694372
Conc: 41.47 ug/ml



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

R.T.: 16.242 min
Delta R.T.: 0.015 min
Response: 4471023
Conc: 39.86 ug/ml



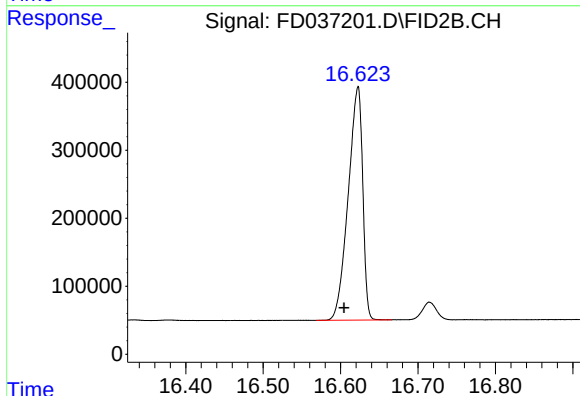
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.277 min
Delta R.T.: 0.019 min
Response: 4351605
Conc: 40.40 ug/ml m

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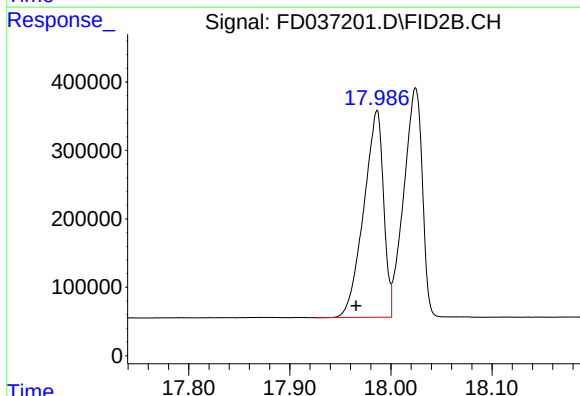
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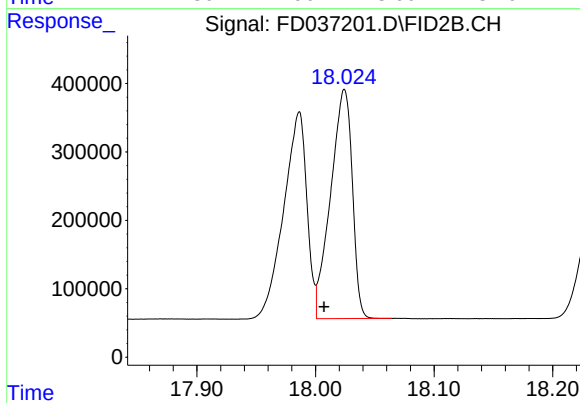
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.622 min
Delta R.T.: 0.018 min
Response: 4463590
Conc: 43.13 ug/ml



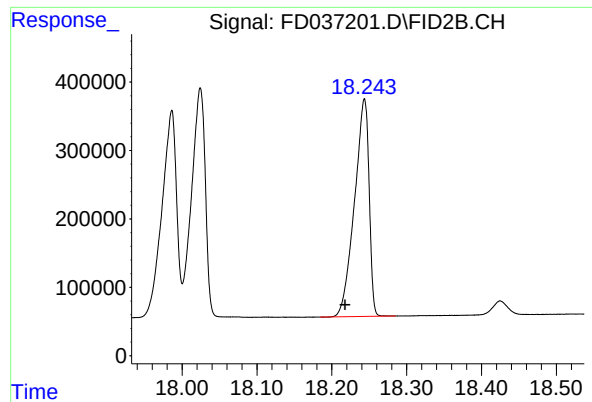
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: 0.021 min
Response: 4120764
Conc: 38.74 ug/ml



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

R.T.: 18.024 min
Delta R.T.: 0.017 min
Response: 4260827
Conc: 40.78 ug/ml



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

R.T.: 18.244 min
Delta R.T.: 0.026 min
Response: 4309957
Conc: 40.35 ug/ml

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