

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102920AR\
 Data File : FD035208.D
 Signal(s) : FID2B.CH
 Acq On : 29 Oct 2020 18:02
 Operator : DD\AJ
 Sample : PB132696BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB132696BS

Manual Integrations
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 10/30/2020 3:55:59 PM

Integration File: autoint1.e
 Quant Time: Oct 30 03:22:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 2020
 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...	7.644	5517743	47.869 ug/ml
Spiked Amount 50.000		Recovery =	95.74%
6) S 2-Fluorobiphenyl (SURR)	8.509	3839572	48.298 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.60%
11) S ortho-Terphenyl (SURR)	11.549	5092532	38.634 ug/ml
Spiked Amount 50.000		Recovery =	77.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.441	4375779	33.646 ug/mlm
2) T Naphthalene (C11.7)	5.981	4828531	35.505 ug/ml
3) T 2-Methylnaphthalene (...)	7.034	4883213	35.831 ug/ml
5) T Acenaphthylene (C15.06)	8.311	4816180	36.215 ug/ml
7) T Acenaphthene (C15.5)	8.606	5129086	37.915 ug/ml
8) T Flouorene (C16.55)	9.388	5158016	39.758 ug/ml
9) T Phenanthrene (C19.36)	10.785	5244458	41.379 ug/ml
10) T Anthracene (C19.43)	10.861	5340098	41.782 ug/ml
12) T Fluoranthene (C21.85)	12.599	5200097	41.743 ug/ml
13) T Pyrene (C20.8)	12.896	5113484	41.839 ug/ml
14) T Benzo[a]anthracene (C...	14.768	4683727	44.185 ug/ml
15) T Chrysene (C27.41)	14.812	5545287	47.389 ug/ml
16) T benzo[b]fluoranthene ...	16.321	4479622	43.646 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.354	4172642	39.788 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.698	3882634	40.995 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.064	3973804	44.806 ug/ml
20) T Dibenz[a,h]anthracene...	18.102	4131984	40.754 ug/ml
21) T Benzo[g,h,i]perylene ...	18.319	4038701	42.266 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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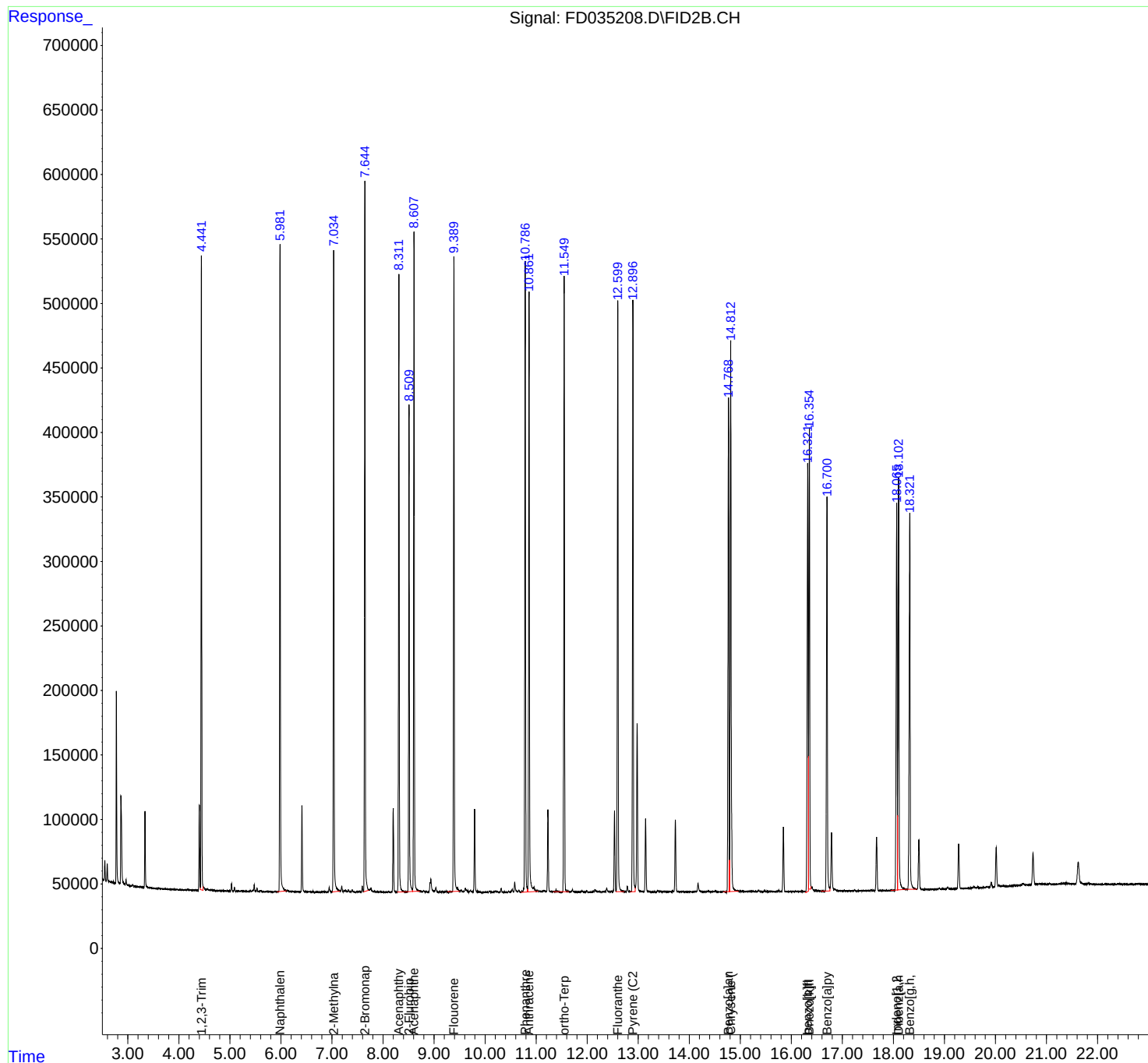
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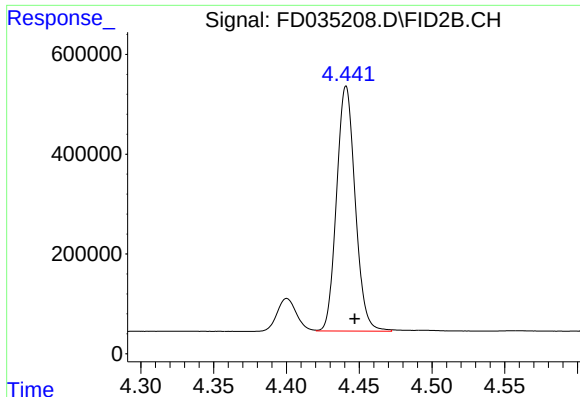
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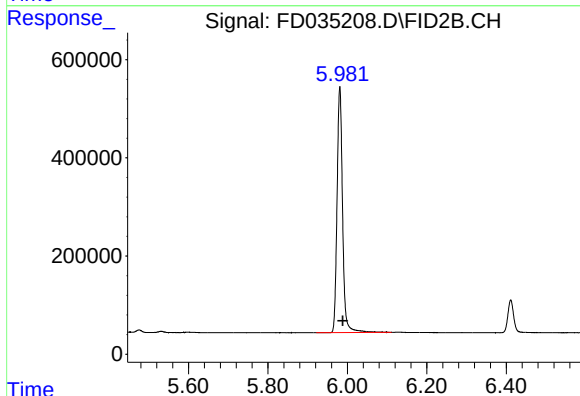
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.441 min
Delta R.T.: -0.006 min
Response: 4375779
Conc: 33.65 ug/ml m

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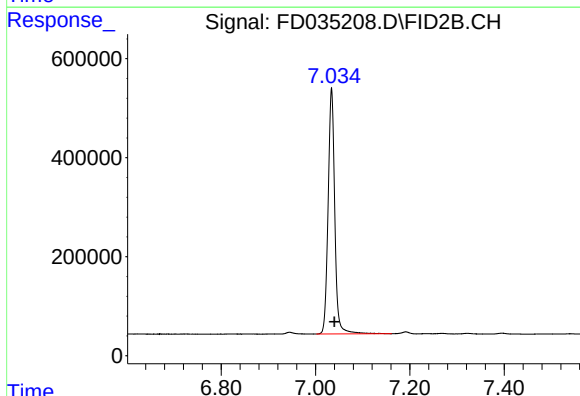
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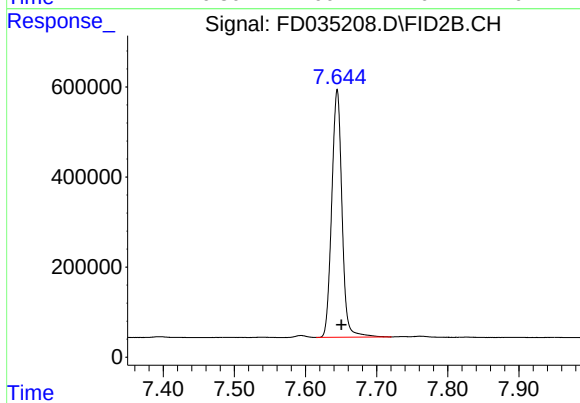
#2 Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: -0.008 min
Response: 4828531
Conc: 35.50 ug/ml



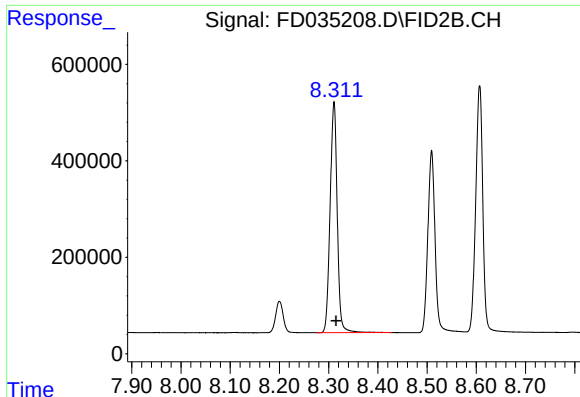
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.006 min
Response: 4883213
Conc: 35.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.644 min
Delta R.T.: -0.006 min
Response: 5517743
Conc: 47.87 ug/ml



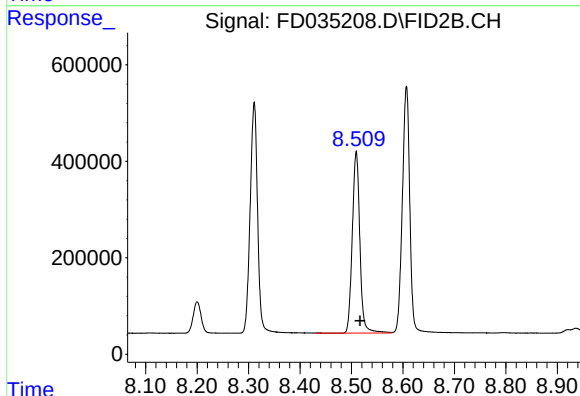
#5 Acenaphthylene (C15.06)

R.T.: 8.311 min
Delta R.T.: -0.004 min
Response: 4816180
Conc: 36.21 ug/ml

Instrument :
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PB132696BS

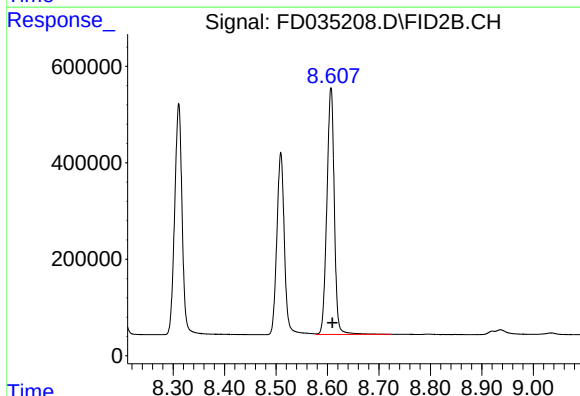
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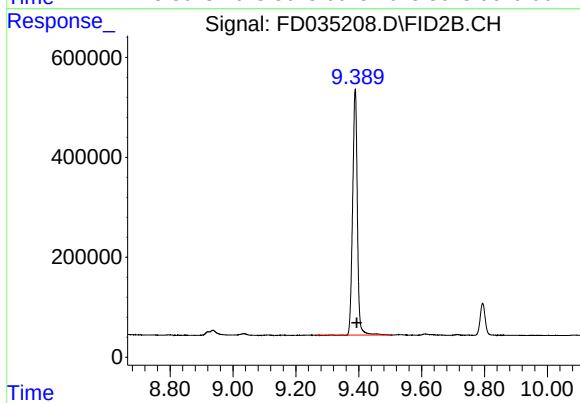
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.509 min
Delta R.T.: -0.007 min
Response: 3839572
Conc: 48.30 ug/ml



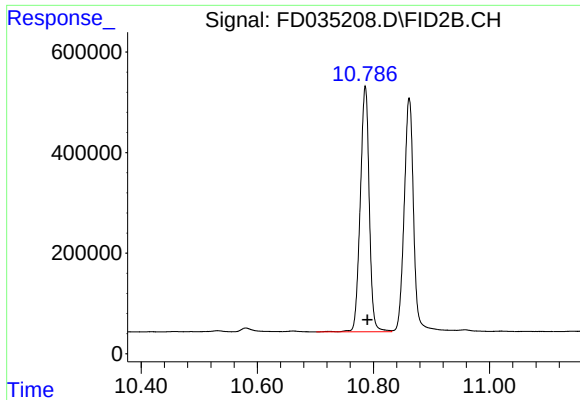
#7 Acenaphthene (C15.5)

R.T.: 8.606 min
Delta R.T.: -0.003 min
Response: 5129086
Conc: 37.91 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.388 min
Delta R.T.: -0.005 min
Response: 5158016
Conc: 39.76 ug/ml



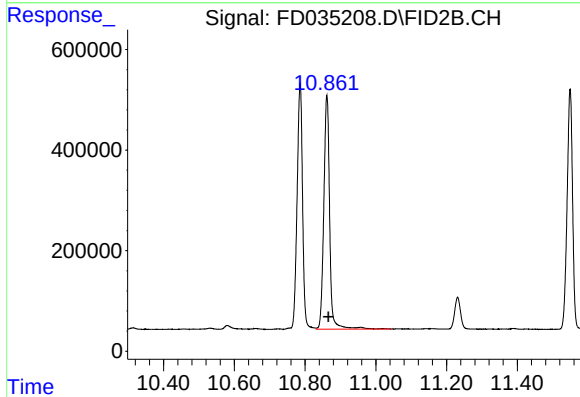
#9 Phenanthrene (C19.36)

R.T.: 10.785 min
Delta R.T.: -0.004 min
Response: 5244458
Conc: 41.38 ug/ml

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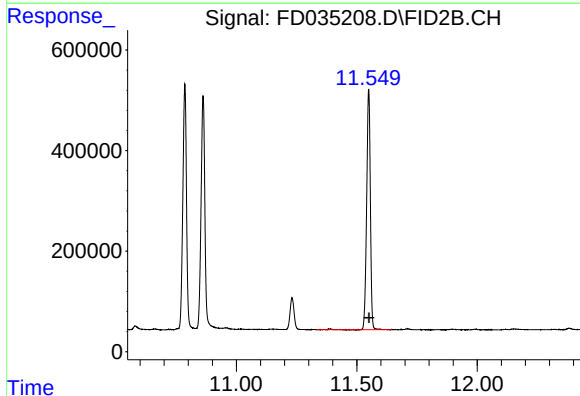
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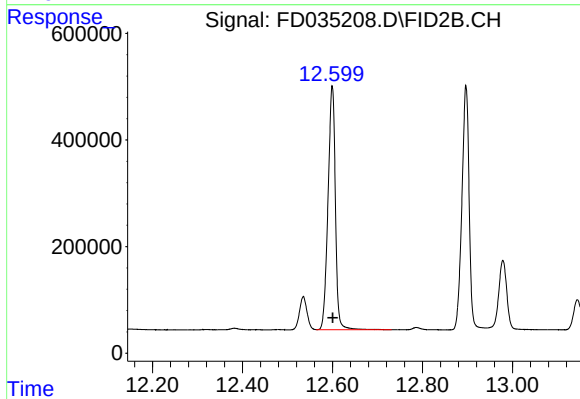
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: -0.004 min
Response: 5340098
Conc: 41.78 ug/ml



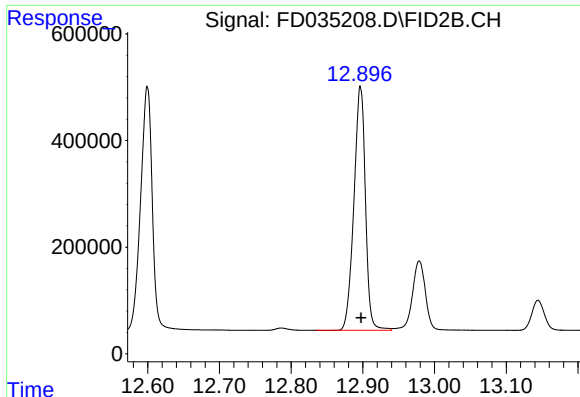
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: -0.002 min
Response: 5092532
Conc: 38.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.599 min
Delta R.T.: -0.002 min
Response: 5200097
Conc: 41.74 ug/ml



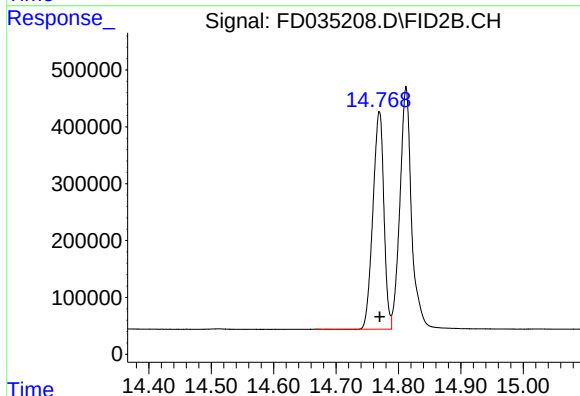
#13 Pyrene (C20.8)

R.T.: 12.896 min
Delta R.T.: -0.001 min
Response: 5113484
Conc: 41.84 ug/ml

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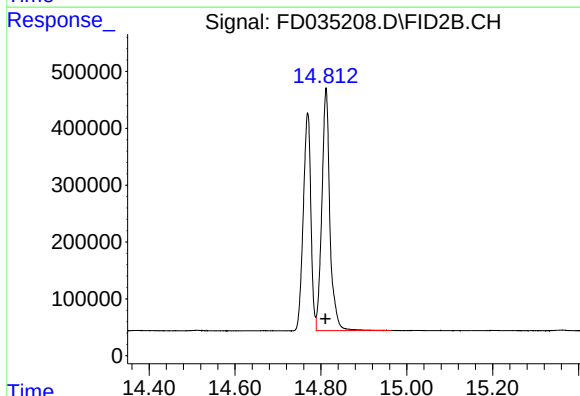
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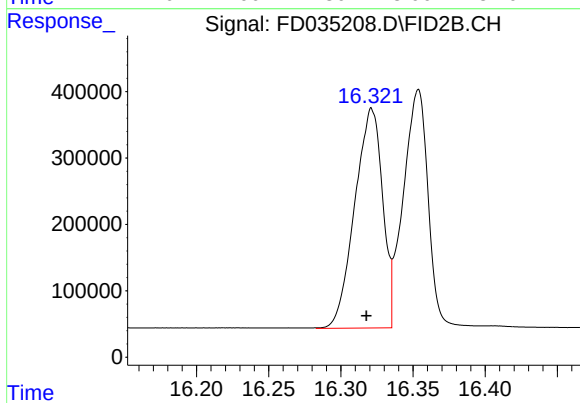
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.768 min
Delta R.T.: -0.001 min
Response: 4683727
Conc: 44.19 ug/ml



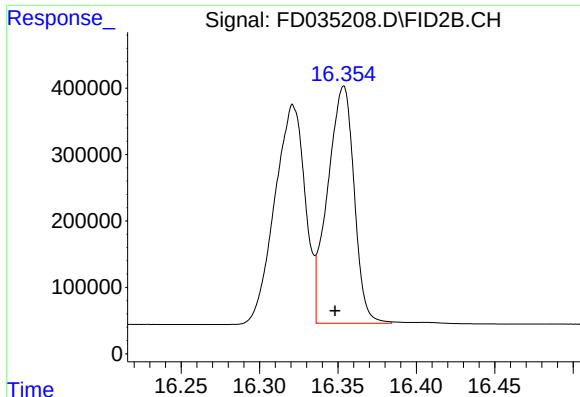
#15 Chrysene (C27.41)

R.T.: 14.812 min
Delta R.T.: 0.000 min
Response: 5545287
Conc: 47.39 ug/ml



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

R.T.: 16.321 min
Delta R.T.: 0.003 min
Response: 4479622
Conc: 43.65 ug/ml m



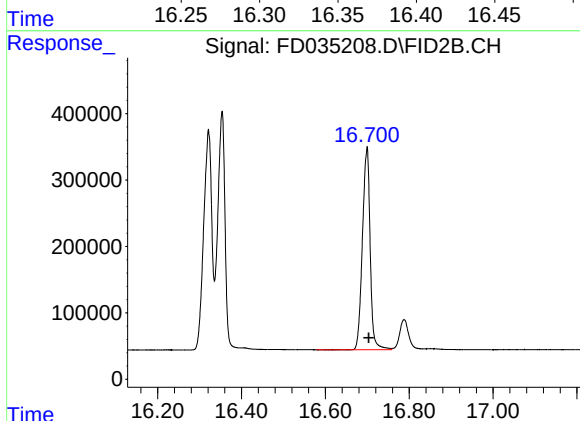
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.354 min
Delta R.T.: 0.005 min
Response: 4172642
Conc: 39.79 ug/ml m

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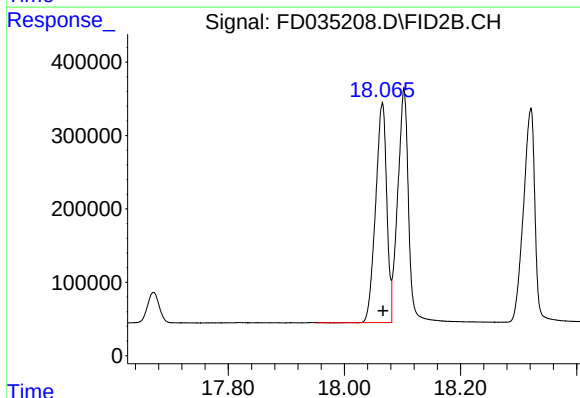
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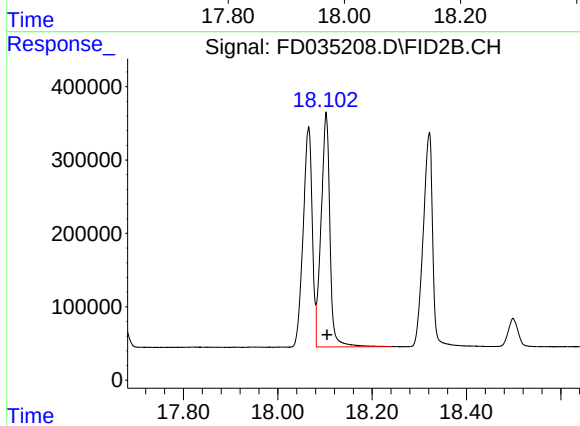
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.698 min
Delta R.T.: -0.005 min
Response: 3882634
Conc: 40.99 ug/ml



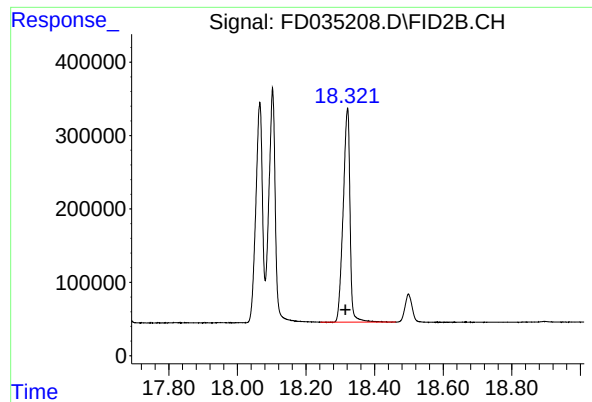
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.064 min
Delta R.T.: -0.002 min
Response: 3973804
Conc: 44.81 ug/ml



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

R.T.: 18.102 min
Delta R.T.: -0.003 min
Response: 4131984
Conc: 40.75 ug/ml



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

R.T.: 18.319 min
Delta R.T.: 0.004 min
Response: 4038701
Conc: 42.27 ug/ml

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