

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010521AR\
 Data File : FD035891.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2021 15:37
 Operator : DD\AJ
 Sample : L5246-06MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 6MS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jan 06 08:22:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 09:21:33 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...	7.582	6008926	55.062 ug/mlm
Spiked Amount 50.000		Recovery =	110.12%
6) S 2-Fluorobiphenyl (SURR)	8.449	3290198	47.391 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.78%
11) S ortho-Terphenyl (SURR)	11.483	6042708	46.751 ug/mlm
Spiked Amount 50.000		Recovery =	93.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.383	3617901	29.038 ug/ml
2) T Naphthalene (C11.7)	5.920	4437281	35.110 ug/ml
3) T 2-Methylnaphthalene (...)	6.972	5613473	44.379 ug/mlm
5) T Acenaphthylene (C15.06)	8.247	5514322	43.590 ug/mlm
7) T Acenaphthene (C15.5)	8.543	5056825	37.282 ug/mlm
8) T Fluorene (C16.55)	9.326	5015025	40.834 ug/mlm
9) T Phenanthrene (C19.36)	10.725	5453808	44.718 ug/mlm
10) T Anthracene (C19.43)	10.800	5130515	40.995 ug/mlm
12) T Fluoranthene (C21.85)	12.538	5422912	44.498 ug/mlm
13) T Pyrene (C20.8)	12.835	5162334	42.193 ug/mlm
14) T Benzo[a]anthracene (C...	14.708	4286588	43.597 ug/ml
15) T Chrysene (C27.41)	14.749	4929246	40.228 ug/ml
16) T benzo[b]fluoranthene ...	16.262	4246838	44.594 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.293	4425006	40.176 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.641	4124786	45.307 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.016	3994740	49.335 ug/mlm
20) T Dibenz[a,h]anthracene...	18.045	4513845	42.243 ug/ml
21) T Benzo[g,h,i]perylene ...	18.267	4269240	46.177 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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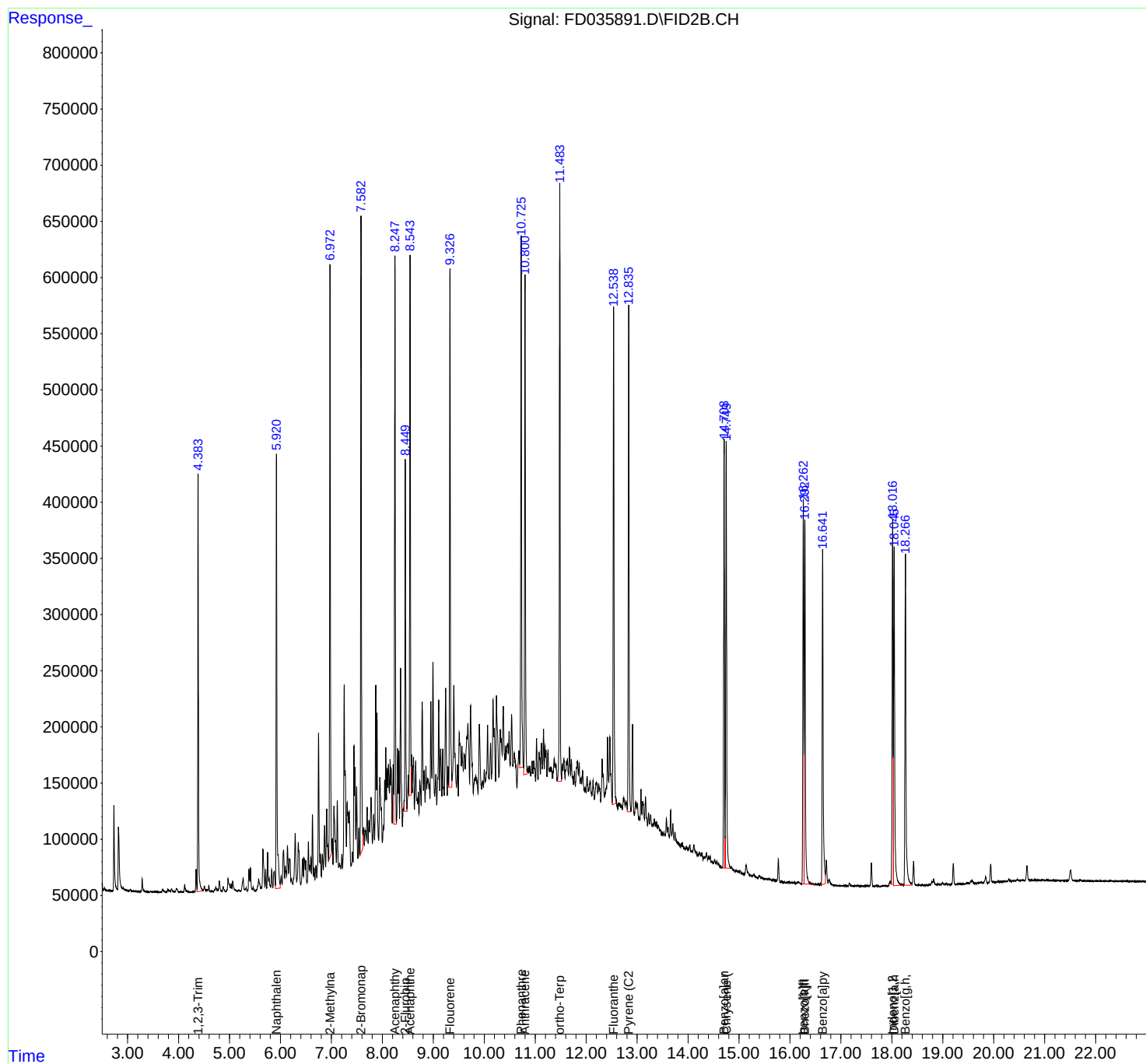
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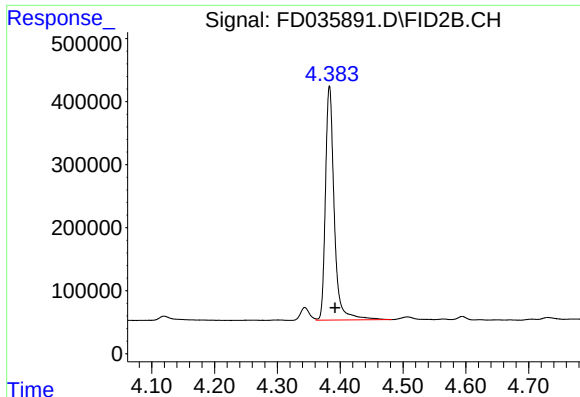
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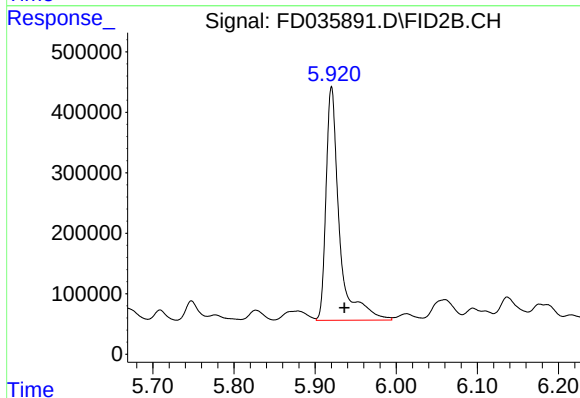
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.383 min
Delta R.T.: -0.009 min
Response: 3617901
Conc: 29.04 ug/ml

Instrument :
FID_D
ClientSampleId :
6MS

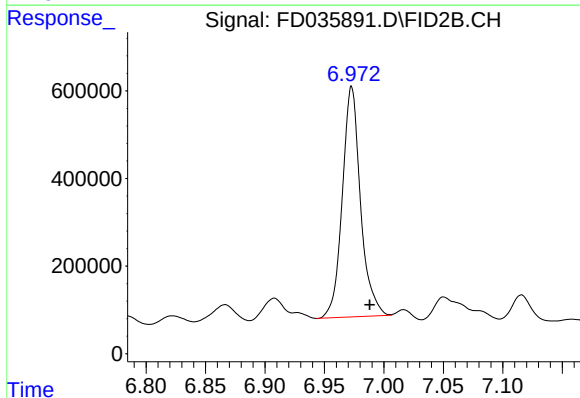
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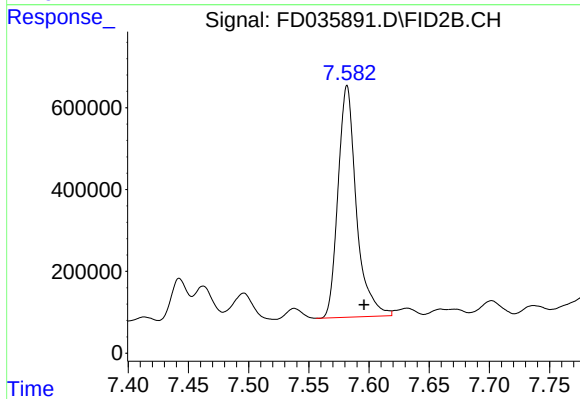
#2 Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.015 min
Response: 4437281
Conc: 35.11 ug/ml



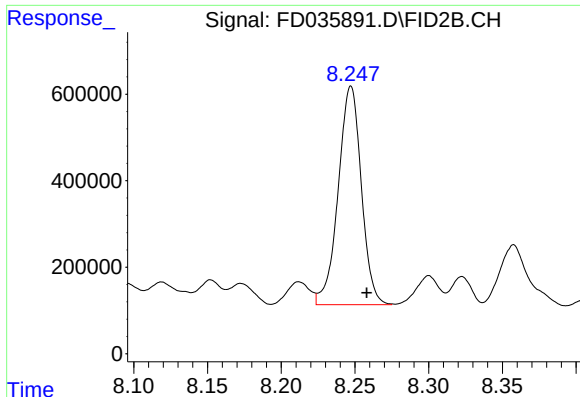
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.972 min
Delta R.T.: -0.016 min
Response: 5613473
Conc: 44.38 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.582 min
Delta R.T.: -0.014 min
Response: 6008926
Conc: 55.06 ug/ml m



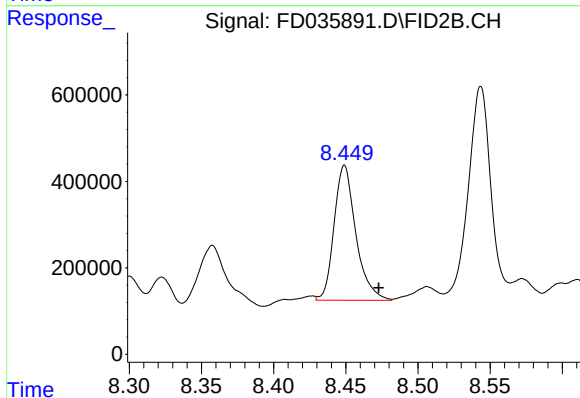
#5 Acenaphthylene (C15.06)

R.T.: 8.247 min
Delta R.T.: -0.011 min
Response: 5514322
Conc: 43.59 ug/ml m

Instrument :
FID_D
ClientSampleId :
6MS

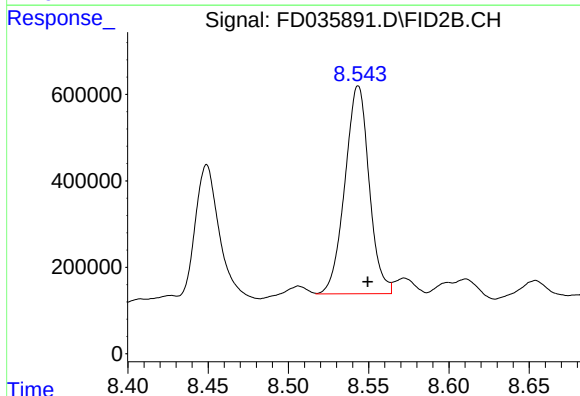
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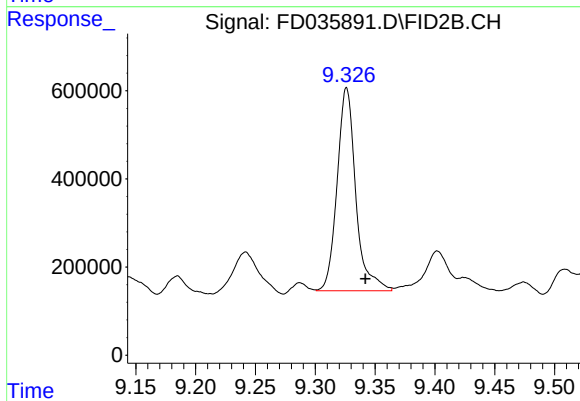
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.024 min
Response: 3290198
Conc: 47.39 ug/ml m



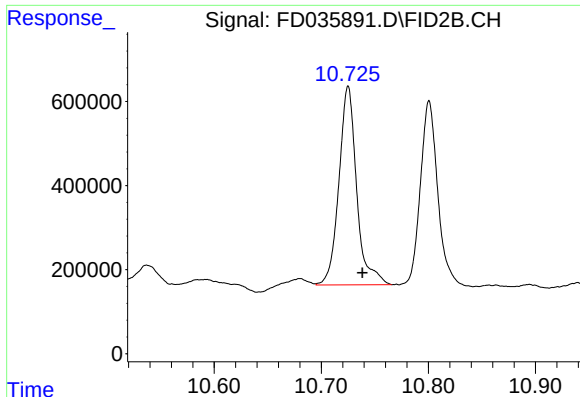
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.006 min
Response: 5056825
Conc: 37.28 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.326 min
Delta R.T.: -0.016 min
Response: 5015025
Conc: 40.83 ug/ml m



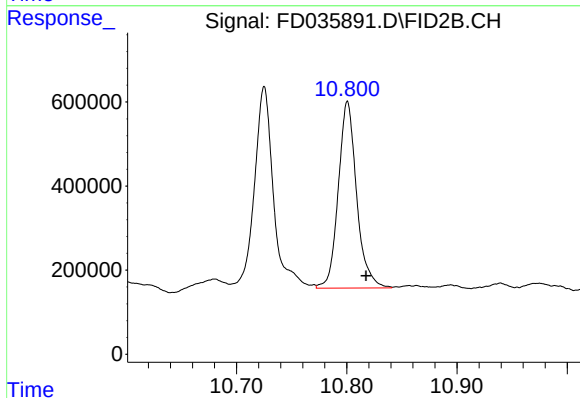
#9 Phenanthrene (C19.36)

R.T.: 10.725 min
Delta R.T.: -0.014 min
Response: 5453808
Conc: 44.72 ug/ml m

Instrument :
FID_D
ClientSampleId :
6MS

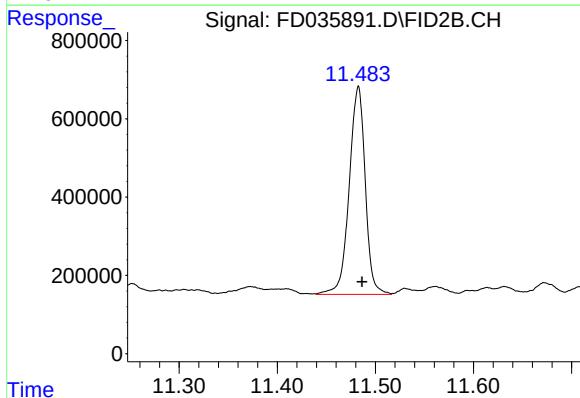
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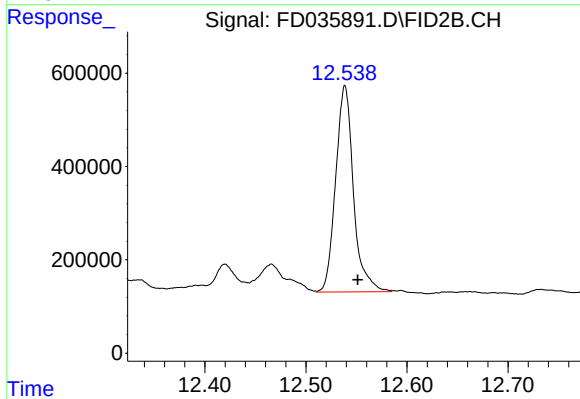
#10 Anthracene (C19.43)

R.T.: 10.800 min
Delta R.T.: -0.017 min
Response: 5130515
Conc: 40.99 ug/ml m



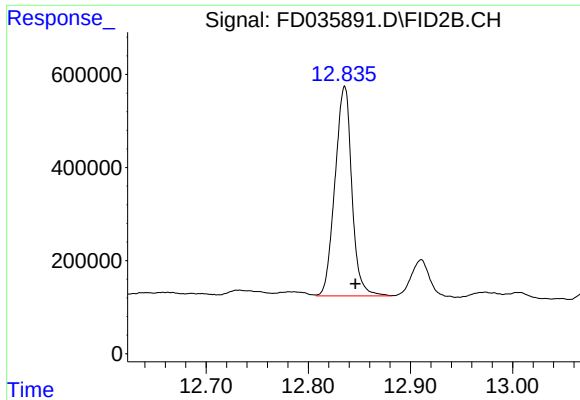
#11 ortho-Terphenyl (SURR)

R.T.: 11.483 min
Delta R.T.: -0.004 min
Response: 6042708
Conc: 46.75 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.538 min
Delta R.T.: -0.013 min
Response: 5422912
Conc: 44.50 ug/ml m



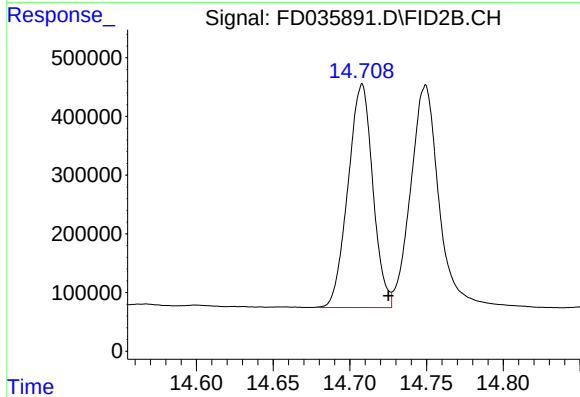
#13 Pyrene (C20.8)

R.T.: 12.835 min
Delta R.T.: -0.011 min
Response: 5162334
Conc: 42.19 ug/ml m

Instrument :
FID_D
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6MS

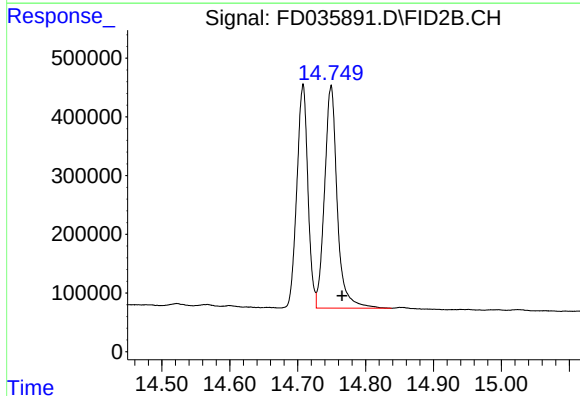
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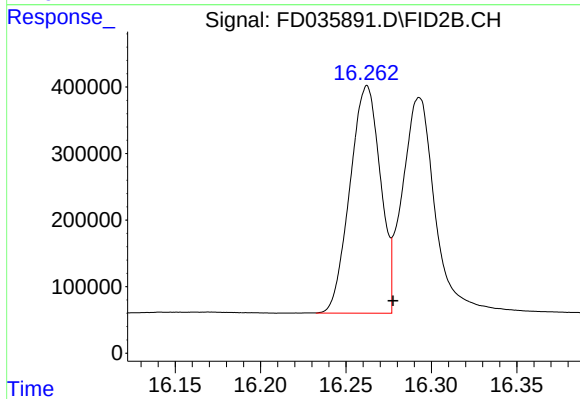
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.708 min
Delta R.T.: -0.018 min
Response: 4286588
Conc: 43.60 ug/ml



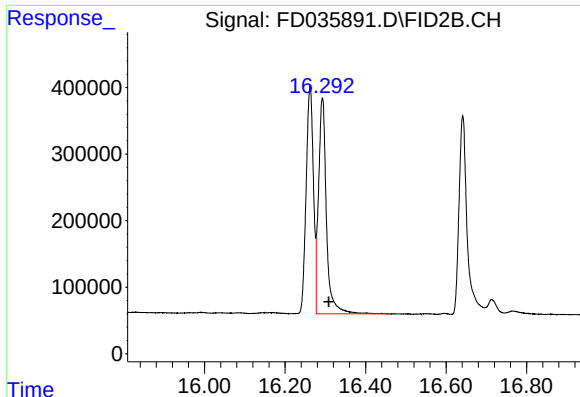
#15 Chrysene (C27.41)

R.T.: 14.749 min
Delta R.T.: -0.016 min
Response: 4929246
Conc: 40.23 ug/ml



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

R.T.: 16.262 min
Delta R.T.: -0.016 min
Response: 4246838
Conc: 44.59 ug/ml m



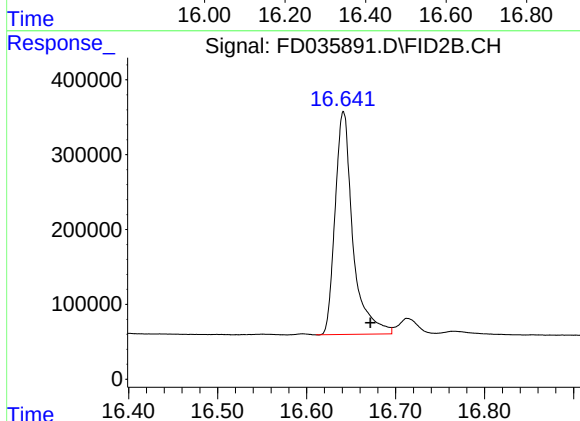
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.293 min
Delta R.T.: -0.016 min
Response: 4425006
Conc: 40.18 ug/ml

Instrument :
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ClientSampleId :
6MS

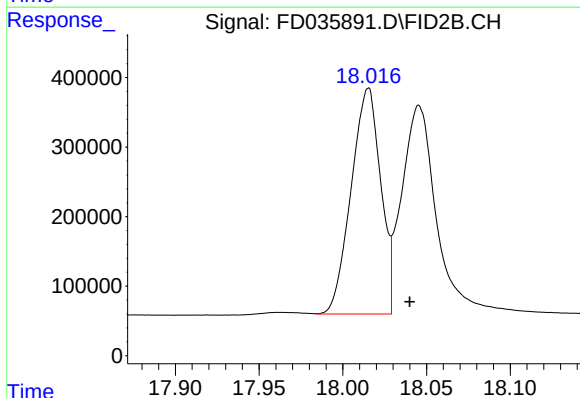
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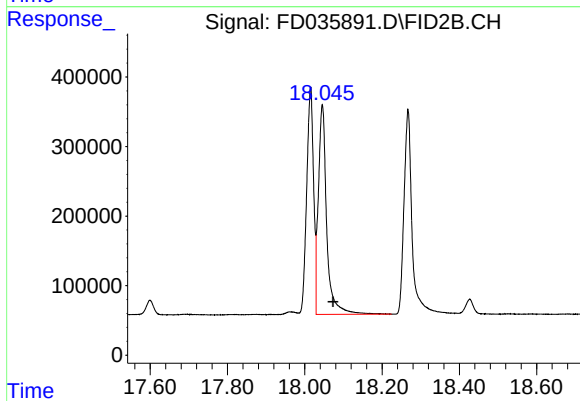
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.641 min
Delta R.T.: -0.030 min
Response: 4124786
Conc: 45.31 ug/ml



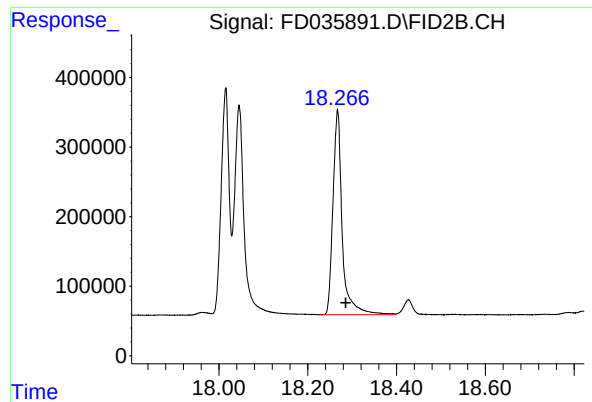
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.016 min
Delta R.T.: -0.025 min
Response: 3994740
Conc: 49.33 ug/ml m



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

R.T.: 18.045 min
Delta R.T.: -0.028 min
Response: 4513845
Conc: 42.24 ug/ml



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

R.T.: 18.267 min
Delta R.T.: -0.019 min
Response: 4269240
Conc: 46.18 ug/ml

Instrument :
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