

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010521AR\
 Data File : FD035902.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jan 2021 8:03
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

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 1/6/2021 1:16:19 PM

Integration File: autoint1.e
 Quant Time: Jan 06 12:57:40 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...	7.575	2334662	21.393 ug/ml
Spiked Amount 50.000		Recovery =	42.79%
6) S 2-Fluorobiphenyl (SURR)	8.442	1502063	21.635 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.27%
11) S ortho-Terphenyl (SURR)	11.473	2637418	20.405 ug/mlm
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	2686539	21.563 ug/ml
2) T Naphthalene (C11.7)	5.914	2729687	21.599 ug/ml
3) T 2-Methylnaphthalene (...)	6.966	2687272	21.245 ug/ml
5) T Acenaphthylene (C15.06)	8.240	2579574	20.391 ug/ml
7) T Acenaphthene (C15.5)	8.534	2824110	20.821 ug/ml
8) T Flouorene (C16.55)	9.318	2595083	21.130 ug/ml
9) T Phenanthrene (C19.36)	10.715	2555038	20.950 ug/ml
10) T Anthracene (C19.43)	10.792	2360890	18.864 ug/ml
12) T Fluoranthene (C21.85)	12.528	2540760	20.849 ug/ml
13) T Pyrene (C20.8)	12.825	2393337	19.561 ug/mlm
14) T Benzo[a]anthracene (C...	14.700	2104069	21.400 ug/mlm
15) T Chrysene (C27.41)	14.742	2492922	20.345 ug/ml
16) T benzo[b]fluoranthene ...	16.255	2136145	22.430 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.287	2348481	21.322 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.638	1898267	20.851 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.008	2034688	25.128 ug/mlm
20) T Dibenz[a,h]anthracene...	18.042	2442710	22.860 ug/ml
21) T Benzo[g,h,i]perylene ...	18.261	2266839	24.519 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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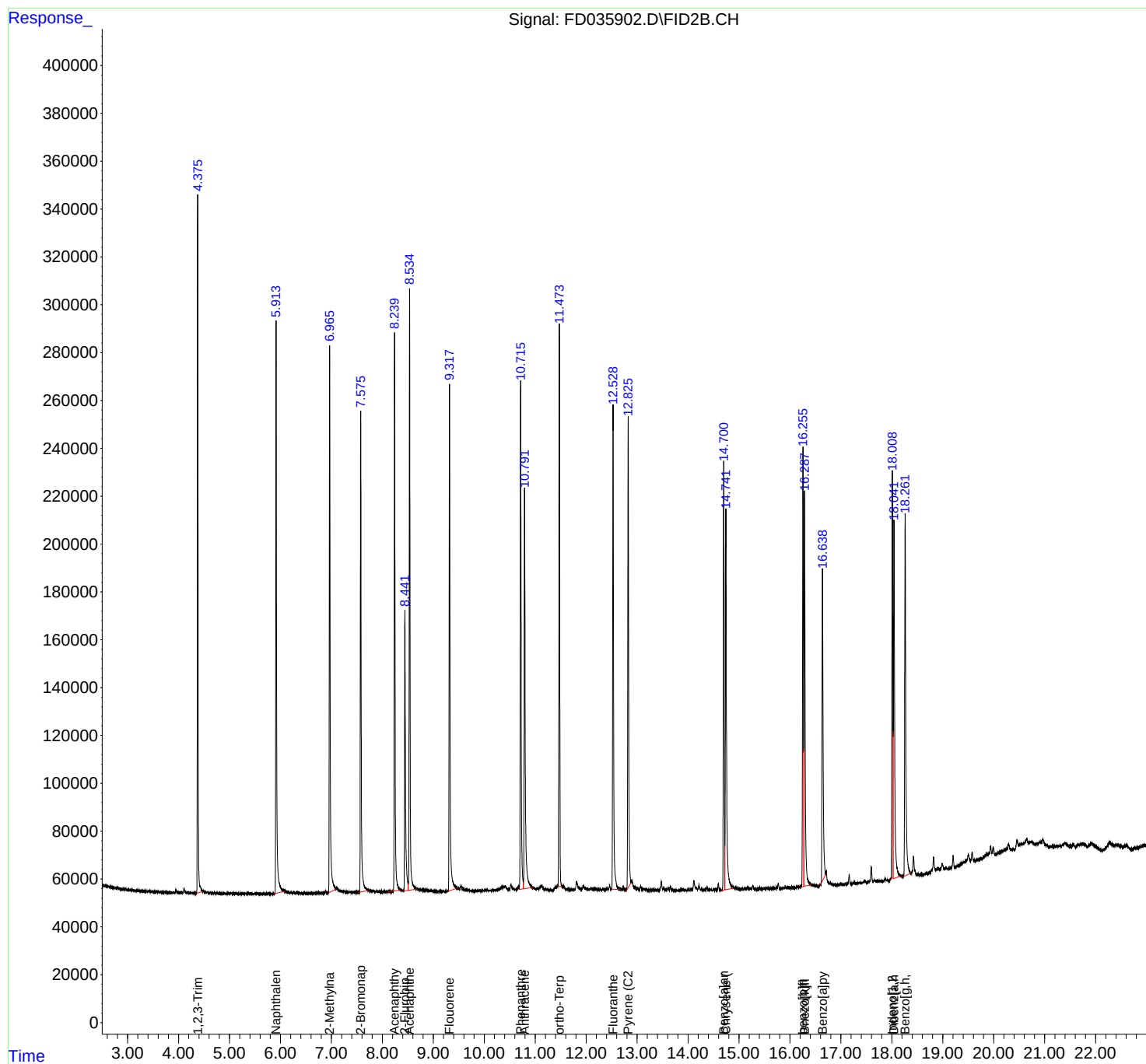
Instrument :
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20 PPM AROMATIC HC STD

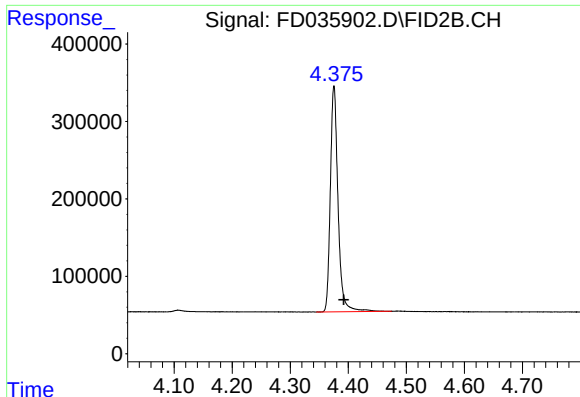
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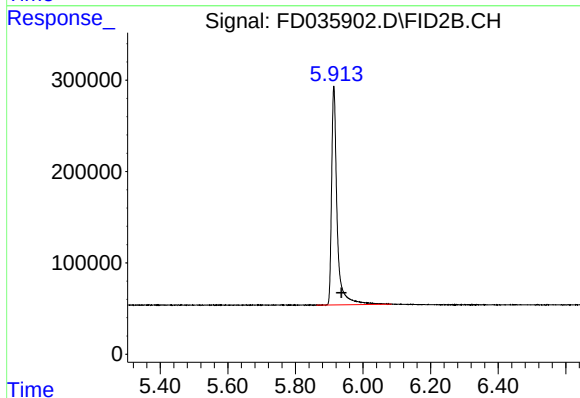
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min
Delta R.T.: -0.016 min
Response: 2686539
Conc: 21.56 ug/ml

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20 PPM AROMATIC HC STD

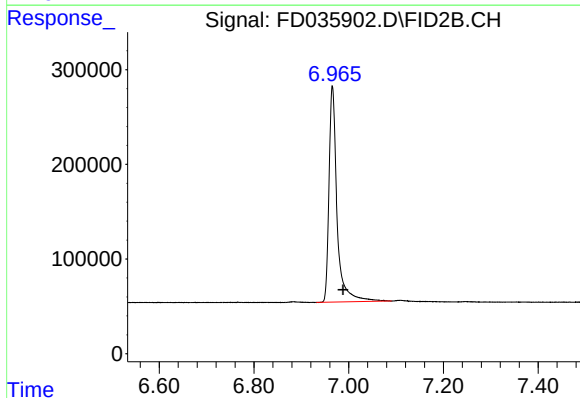
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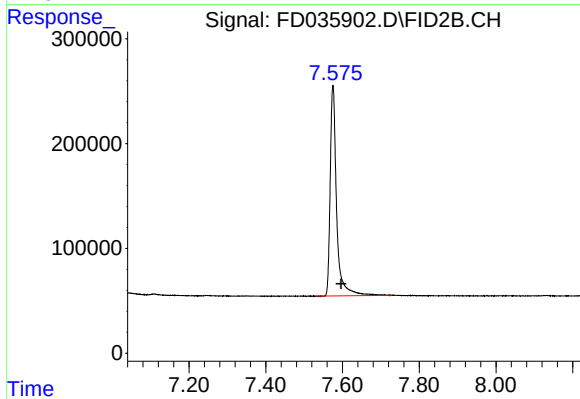
#2 Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.022 min
Response: 2729687
Conc: 21.60 ug/ml



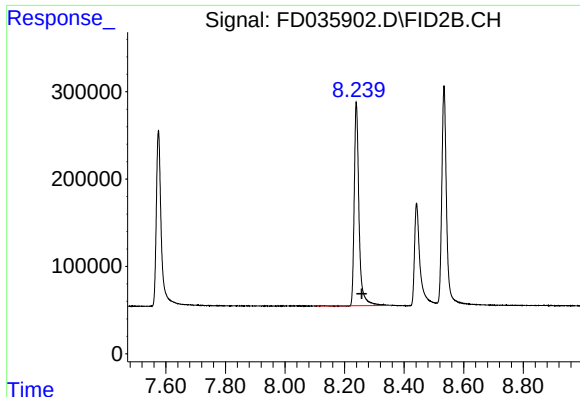
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.966 min
Delta R.T.: -0.022 min
Response: 2687272
Conc: 21.25 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.575 min
Delta R.T.: -0.021 min
Response: 2334662
Conc: 21.39 ug/ml



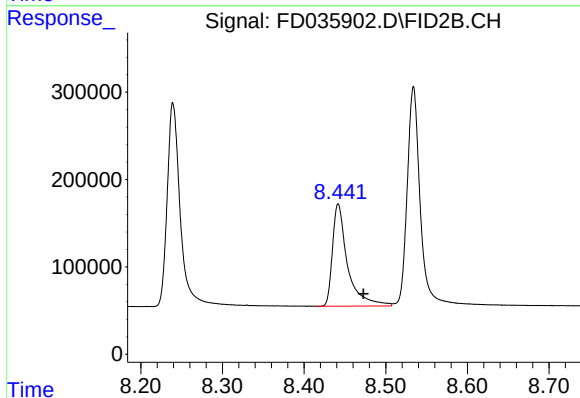
#5 Acenaphthylene (C15.06)

R.T.: 8.240 min
Delta R.T.: -0.018 min
Response: 2579574
Conc: 20.39 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

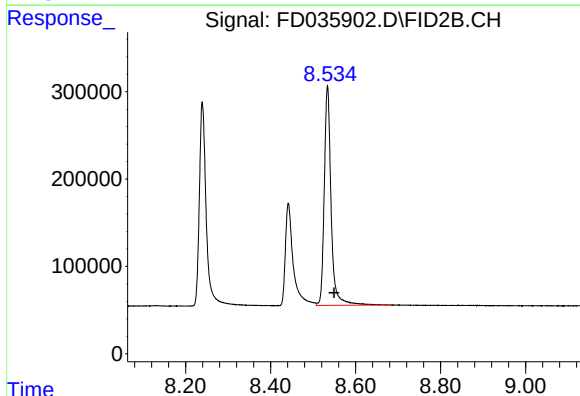
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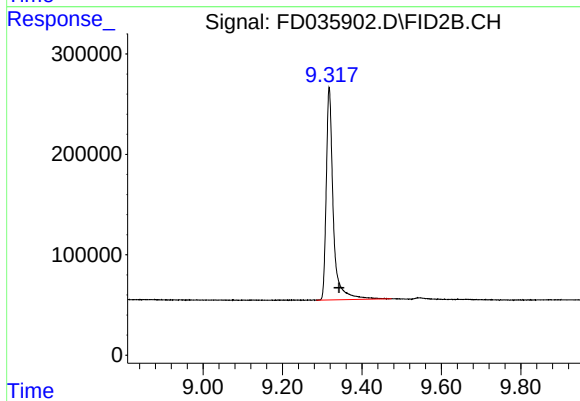
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.442 min
Delta R.T.: -0.031 min
Response: 1502063
Conc: 21.64 ug/ml



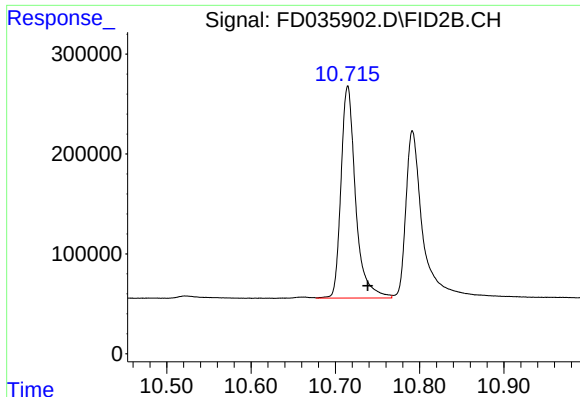
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: -0.015 min
Response: 2824110
Conc: 20.82 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.318 min
Delta R.T.: -0.024 min
Response: 2595083
Conc: 21.13 ug/ml



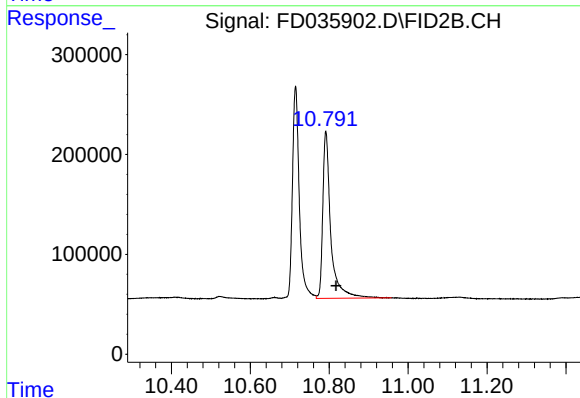
#9 Phenanthrene (C19.36)

R.T.: 10.715 min
Delta R.T.: -0.024 min
Response: 2555038
Conc: 20.95 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

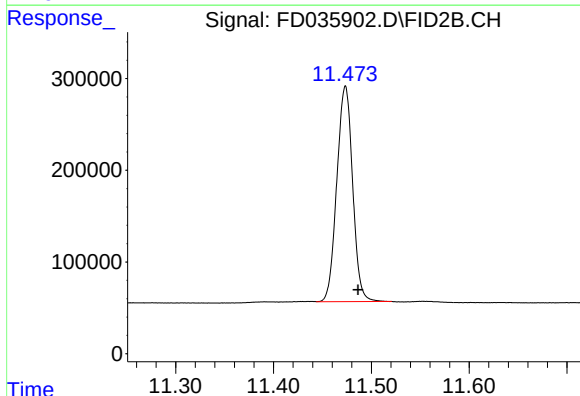
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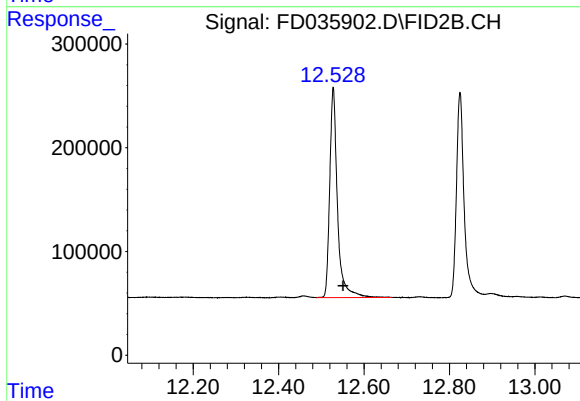
#10 Anthracene (C19.43)

R.T.: 10.792 min
Delta R.T.: -0.026 min
Response: 2360890
Conc: 18.86 ug/ml



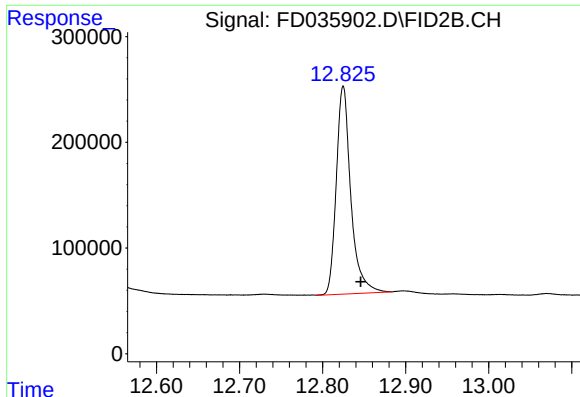
#11 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: -0.013 min
Response: 2637418
Conc: 20.40 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.528 min
Delta R.T.: -0.023 min
Response: 2540760
Conc: 20.85 ug/ml



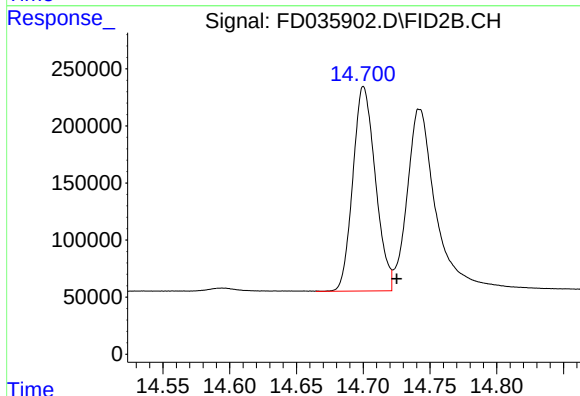
#13 Pyrene (C20.8)

R.T.: 12.825 min
Delta R.T.: -0.021 min
Response: 2393337
Conc: 19.56 ug/ml m

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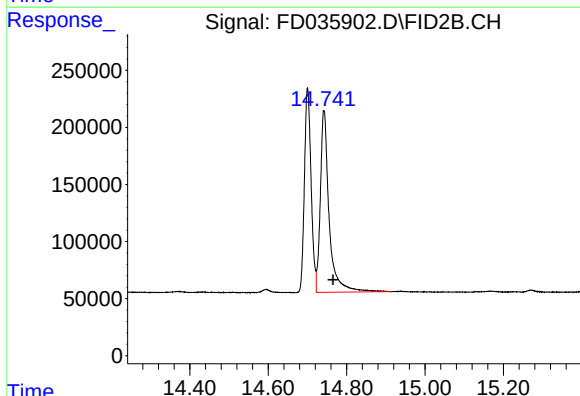
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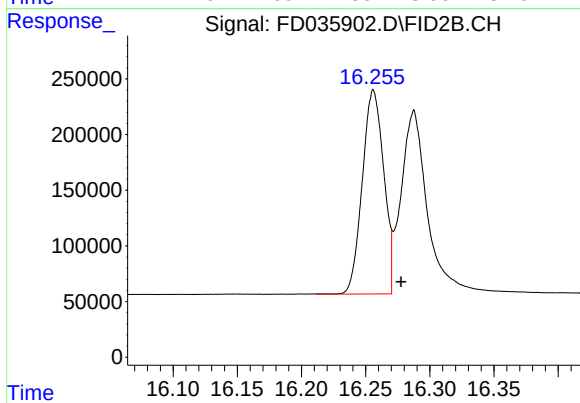
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.700 min
Delta R.T.: -0.025 min
Response: 2104069
Conc: 21.40 ug/ml m



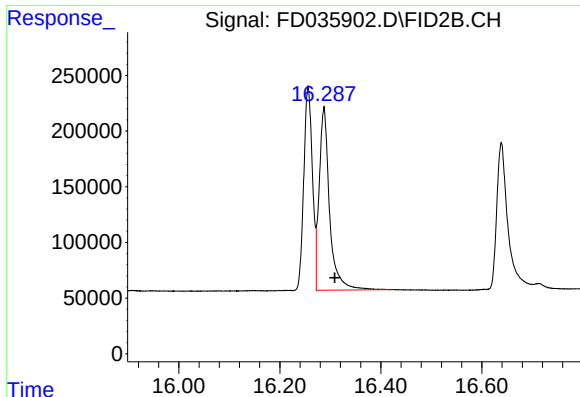
#15 Chrysene (C27.41)

R.T.: 14.742 min
Delta R.T.: -0.023 min
Response: 2492922
Conc: 20.34 ug/ml



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

R.T.: 16.255 min
Delta R.T.: -0.022 min
Response: 2136145
Conc: 22.43 ug/ml m



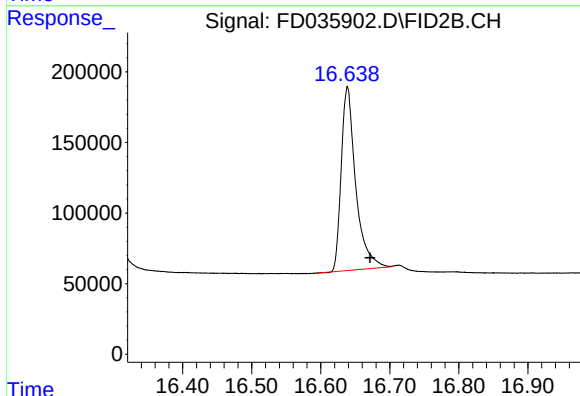
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.287 min
Delta R.T.: -0.021 min
Response: 2348481
Conc: 21.32 ug/ml

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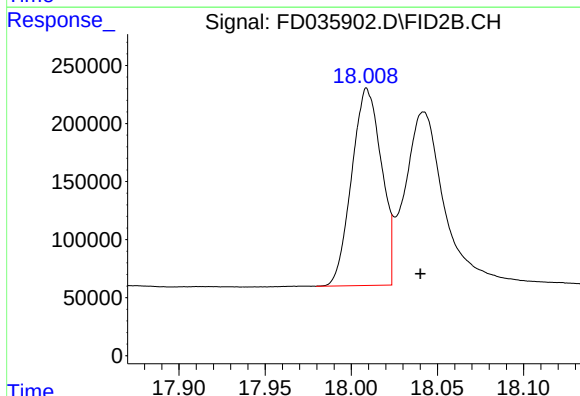
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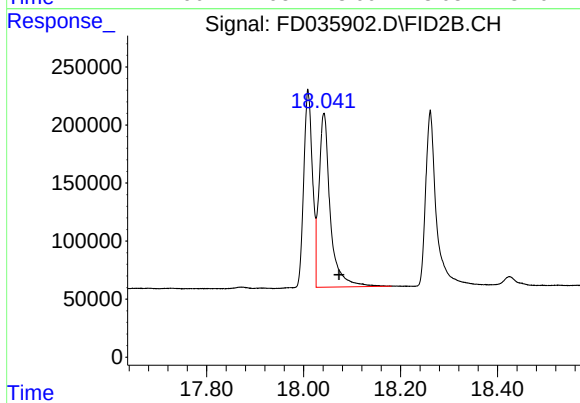
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.638 min
Delta R.T.: -0.033 min
Response: 1898267
Conc: 20.85 ug/ml m



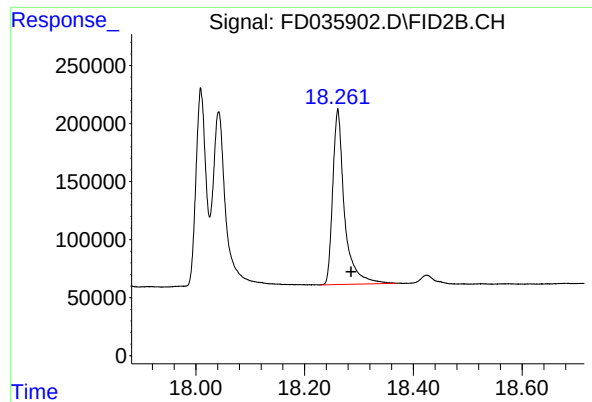
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.008 min
Delta R.T.: -0.032 min
Response: 2034688
Conc: 25.13 ug/ml m



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

R.T.: 18.042 min
Delta R.T.: -0.031 min
Response: 2442710
Conc: 22.86 ug/ml



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

R.T.: 18.261 min
Delta R.T.: -0.025 min
Response: 2266839
Conc: 24.52 ug/ml m

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