

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010521AR\
 Data File : FD035882.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2021 8:39
 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 1:15:29 PM

Integration File: autoint1.e
 Quant Time: Jan 06 08:21:05 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	2326725	21.321 ug/ml
Spiked Amount 50.000		Recovery =	42.64%
6) S 2-Fluorobiphenyl (SURR)	8.450	1420205	20.456 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.91%
11) S ortho-Terphenyl (SURR)	11.477	2691458	20.823 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.382	2640732	21.195 ug/ml
2) T Naphthalene (C11.7)	5.922	2686710	21.259 ug/ml
3) T 2-Methylnaphthalene (...)	6.973	2715997	21.472 ug/ml
5) T Acenaphthylene (C15.06)	8.245	2634996	20.829 ug/ml
7) T Acenaphthene (C15.5)	8.539	2887472	21.288 ug/ml
8) T Flouorene (C16.55)	9.324	2560875	20.851 ug/ml
9) T Phenanthrene (C19.36)	10.721	2509230	20.574 ug/ml
10) T Anthracene (C19.43)	10.799	2384703	19.055 ug/ml
12) T Fluoranthene (C21.85)	12.534	2481025	20.358 ug/ml
13) T Pyrene (C20.8)	12.830	2471984	20.204 ug/ml
14) T Benzo[a]anthracene (C...	14.705	1982527	20.163 ug/ml
15) T Chrysene (C27.41)	14.747	2467413	20.137 ug/ml
16) T benzo[b]fluoranthene ...	16.258	1950235	20.478 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.289	2244516	20.379 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.644	2004248	22.015 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.011	1887085	23.305 ug/mlm
20) T Dibenz[a,h]anthracene...	18.044	2494953	23.349 ug/ml
21) T Benzo[g,h,i]perylene ...	18.263	2147304	23.226 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 52 Sample Multiplier: 1

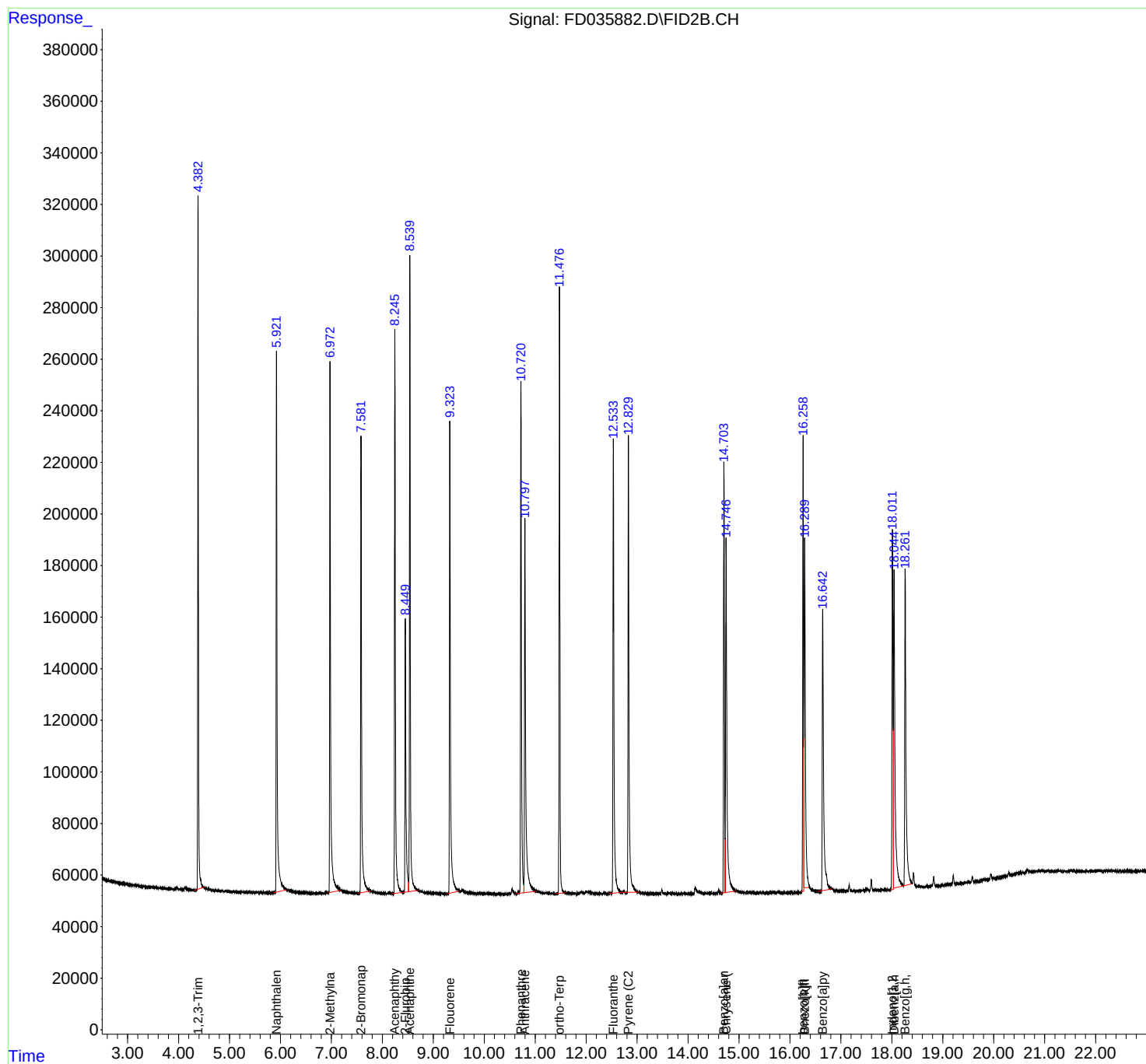
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20 PPM AROMATIC HC STD

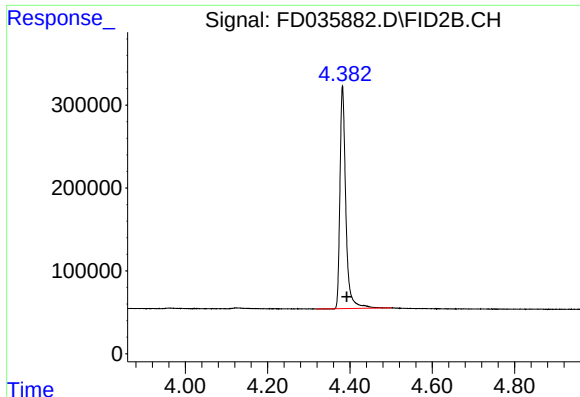
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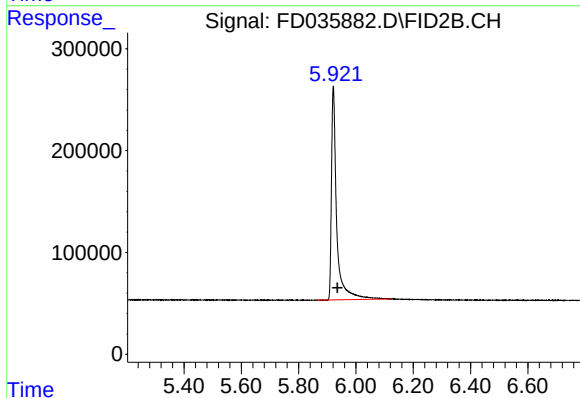
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.382 min
Delta R.T.: -0.010 min
Response: 2640732
Conc: 21.20 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

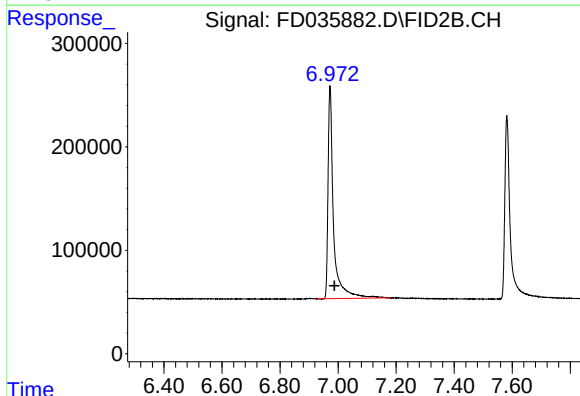
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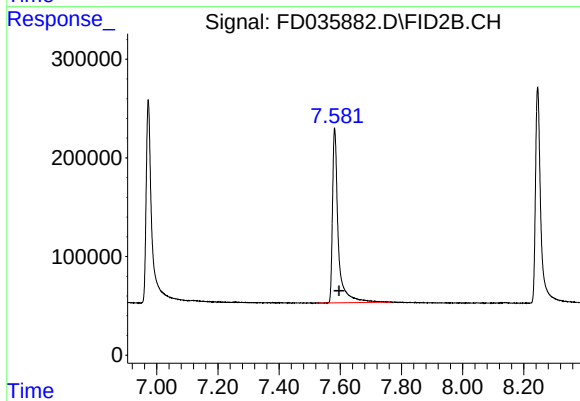
#2 Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.014 min
Response: 2686710
Conc: 21.26 ug/ml



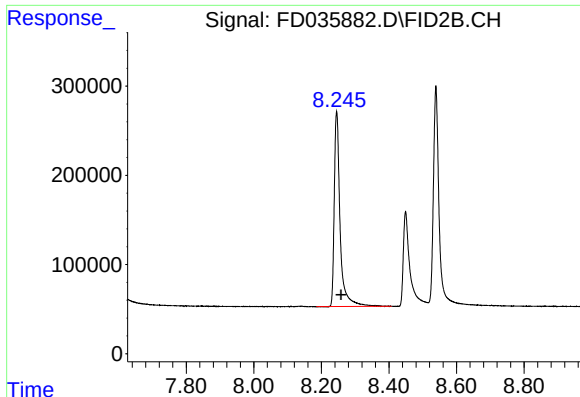
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.973 min
Delta R.T.: -0.016 min
Response: 2715997
Conc: 21.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.582 min
Delta R.T.: -0.014 min
Response: 2326725
Conc: 21.32 ug/ml



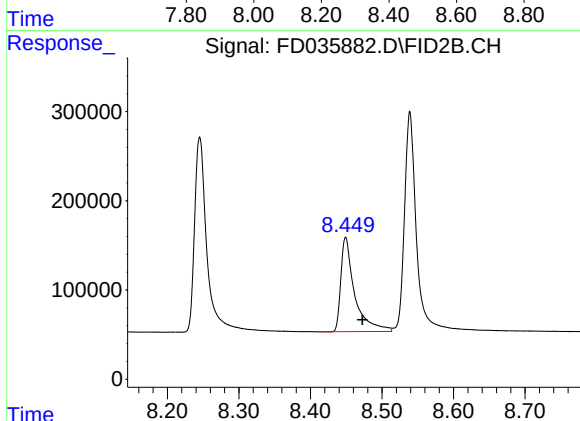
#5 Acenaphthylene (C15.06)

R.T.: 8.245 min
Delta R.T.: -0.013 min
Response: 2634996
Conc: 20.83 ug/ml

Instrument :
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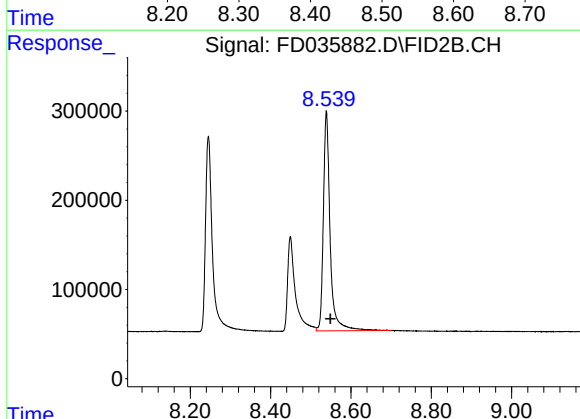
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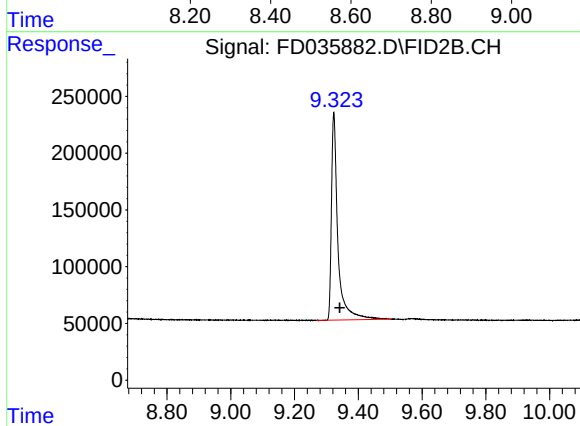
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.450 min
Delta R.T.: -0.023 min
Response: 1420205
Conc: 20.46 ug/ml



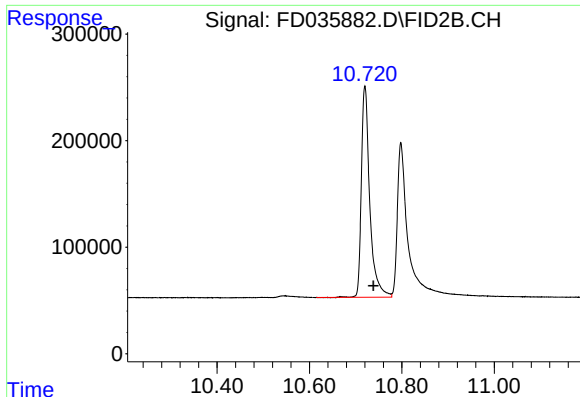
#7 Acenaphthene (C15.5)

R.T.: 8.539 min
Delta R.T.: -0.010 min
Response: 2887472
Conc: 21.29 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.324 min
Delta R.T.: -0.018 min
Response: 2560875
Conc: 20.85 ug/ml



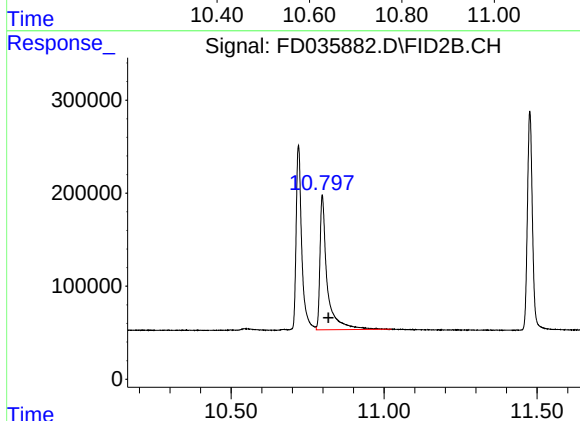
#9 Phenanthrene (C19.36)

R.T.: 10.721 min
Delta R.T.: -0.017 min
Response: 2509230
Conc: 20.57 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

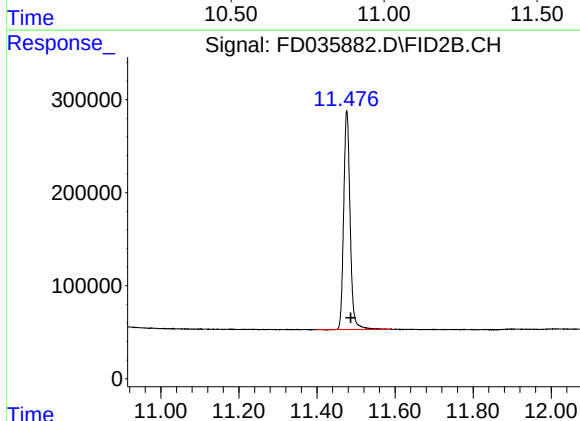
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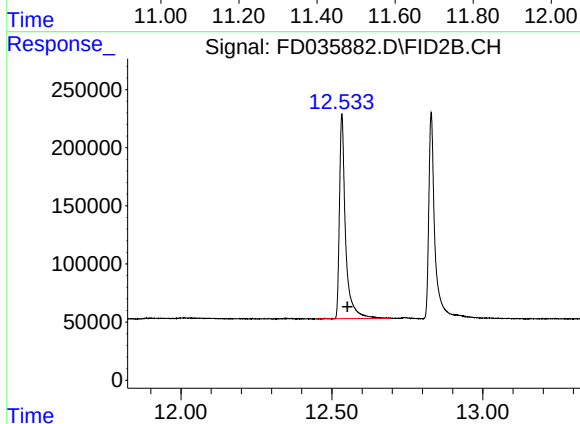
#10 Anthracene (C19.43)

R.T.: 10.799 min
Delta R.T.: -0.018 min
Response: 2384703
Conc: 19.05 ug/ml



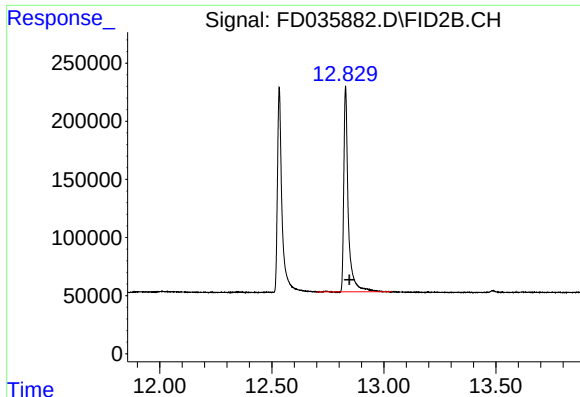
#11 ortho-Terphenyl (SURR)

R.T.: 11.477 min
Delta R.T.: -0.010 min
Response: 2691458
Conc: 20.82 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.534 min
Delta R.T.: -0.018 min
Response: 2481025
Conc: 20.36 ug/ml



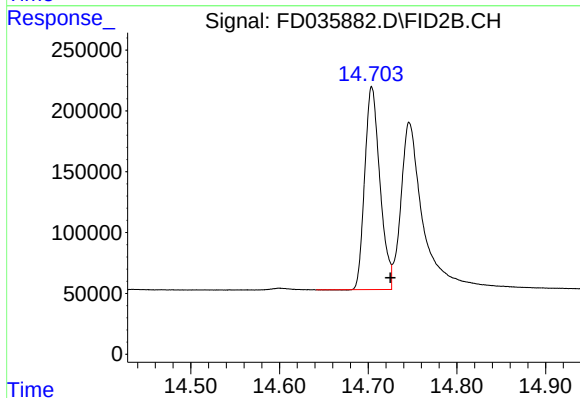
#13 Pyrene (C20.8)

R.T.: 12.830 min
Delta R.T.: -0.016 min
Response: 2471984
Conc: 20.20 ug/ml

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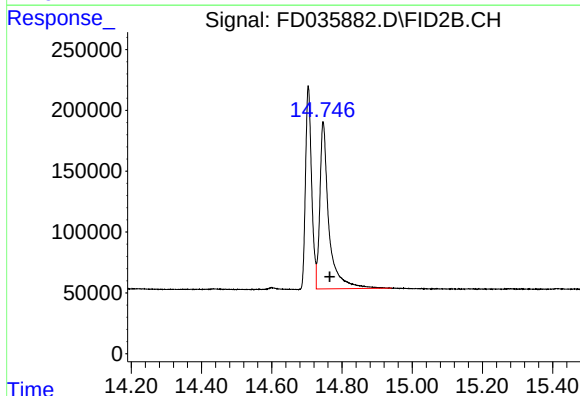
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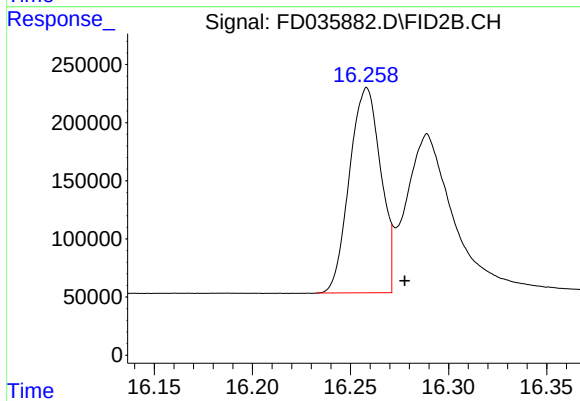
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.705 min
Delta R.T.: -0.020 min
Response: 1982527
Conc: 20.16 ug/ml



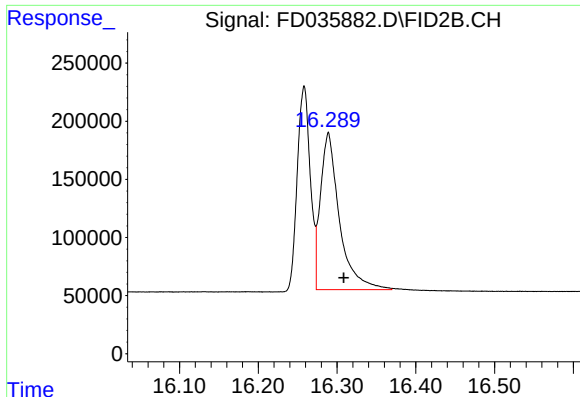
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: -0.018 min
Response: 2467413
Conc: 20.14 ug/ml



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

R.T.: 16.258 min
Delta R.T.: -0.020 min
Response: 1950235
Conc: 20.48 ug/ml m



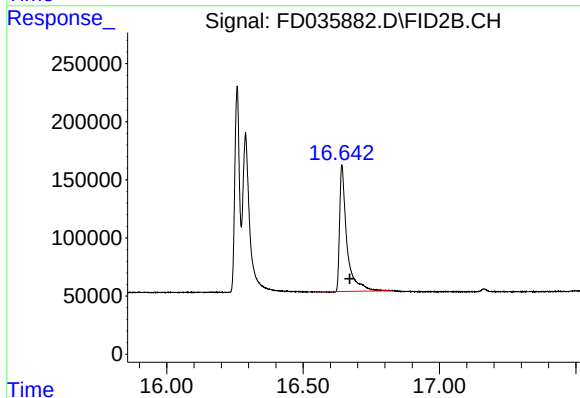
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.289 min
Delta R.T.: -0.020 min
Response: 2244516
Conc: 20.38 ug/ml m

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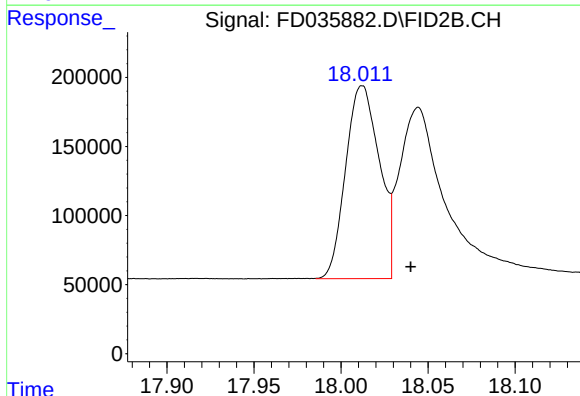
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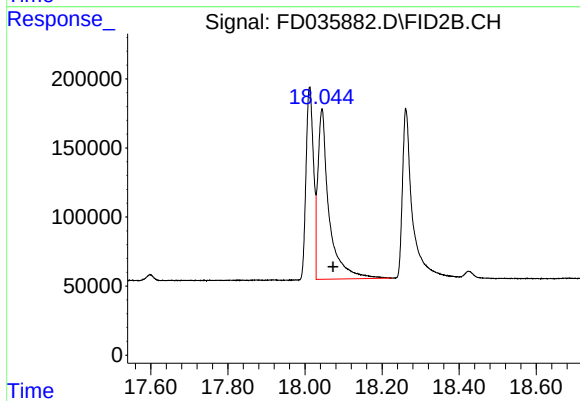
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.644 min
Delta R.T.: -0.028 min
Response: 2004248
Conc: 22.01 ug/ml



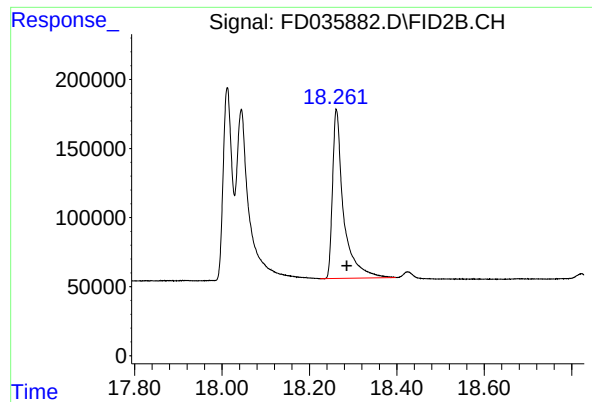
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.011 min
Delta R.T.: -0.029 min
Response: 1887085
Conc: 23.31 ug/ml m



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

R.T.: 18.044 min
Delta R.T.: -0.029 min
Response: 2494953
Conc: 23.35 ug/ml



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

R.T.: 18.263 min
Delta R.T.: -0.023 min
Response: 2147304
Conc: 23.23 ug/ml

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