

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010421AR\
 Data File : FD035865.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2021 9:58
 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

Ankita
 1/5/2021 11:12:09 AM

Integration File: autoint1.e
 Quant Time: Jan 05 02:25:42 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	2175370	19.934 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
6) S 2-Fluorobiphenyl (SURR)	8.449	1350473	19.452 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.90%
11) S ortho-Terphenyl (SURR)	11.477	2553568	19.756 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.382	2502506	20.086 ug/ml
2) T Naphthalene (C11.7)	5.922	2527038	19.995 ug/ml
3) T 2-Methylnaphthalene (...)	6.973	2557340	20.218 ug/ml
5) T Acenaphthylene (C15.06)	8.246	2481997	19.620 ug/ml
7) T Acenaphthene (C15.5)	8.539	2732134	20.143 ug/ml
8) T Flouorene (C16.55)	9.324	2441199	19.877 ug/ml
9) T Phenanthrene (C19.36)	10.721	2368939	19.424 ug/ml
10) T Anthracene (C19.43)	10.799	2267393	18.117 ug/ml
12) T Fluoranthene (C21.85)	12.533	2364844	19.405 ug/ml
13) T Pyrene (C20.8)	12.829	2352708	19.229 ug/ml
14) T Benzo[a]anthracene (C...	14.705	1873969	19.059 ug/ml
15) T Chrysene (C27.41)	14.747	2313975	18.884 ug/ml
16) T benzo[b]fluoranthene ...	16.259	1912236	20.079 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.289	2244462	20.378 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.643	1876234	20.609 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.012	1748418	21.593 ug/mlm
20) T Dibenz[a,h]anthracene...	18.045	2302020	21.544 ug/ml
21) T Benzo[g,h,i]perylene ...	18.262	2024567	21.898 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

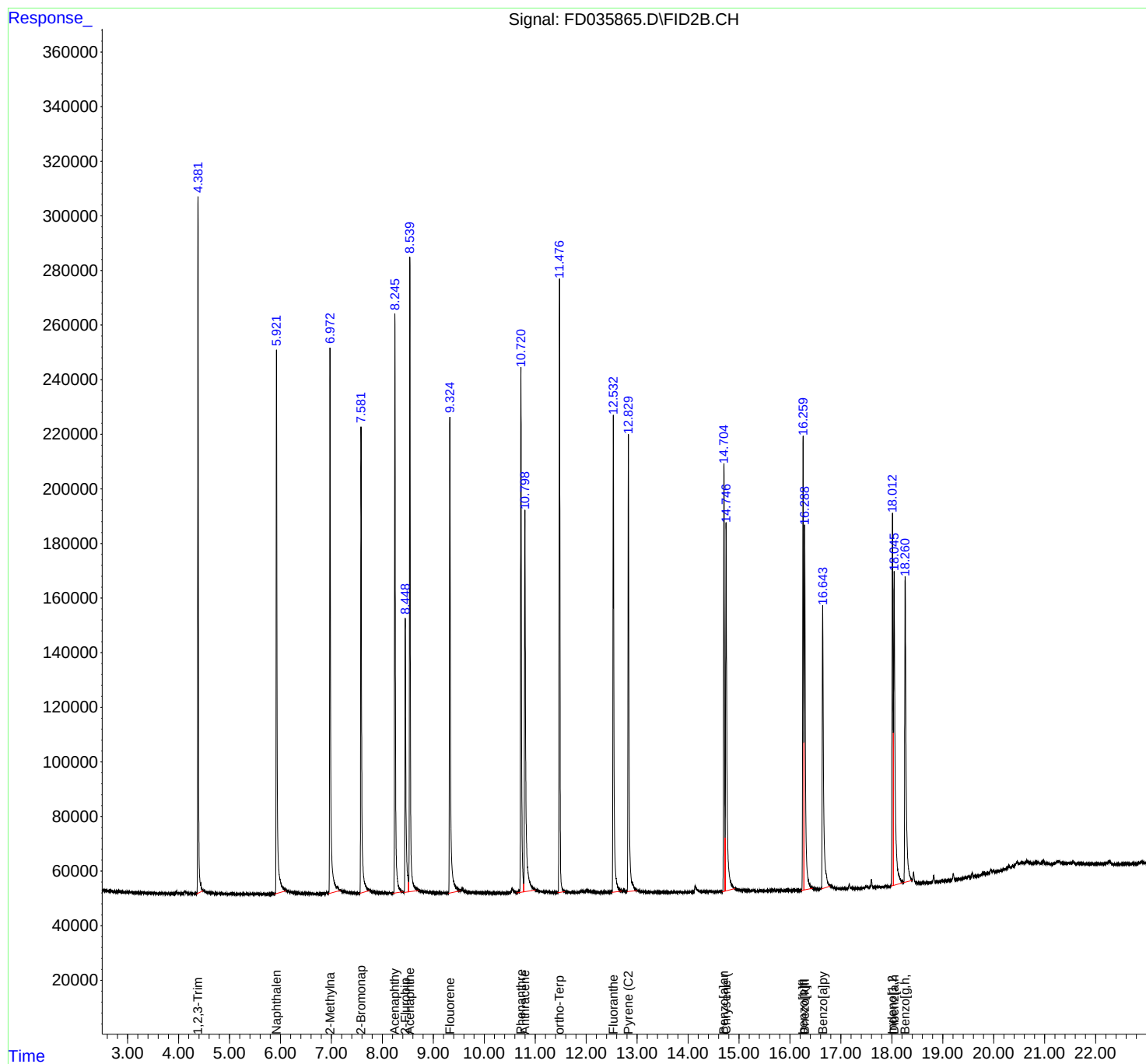
Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

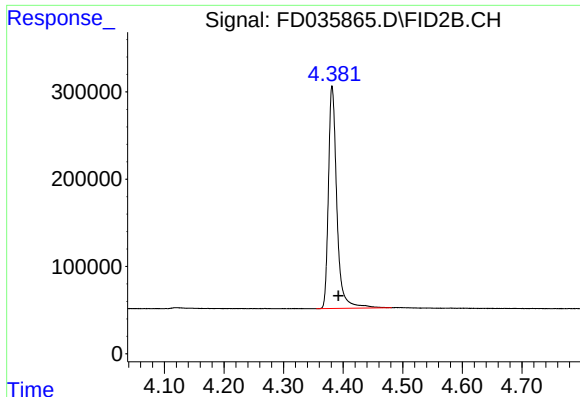
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Integration File: autoint1.e
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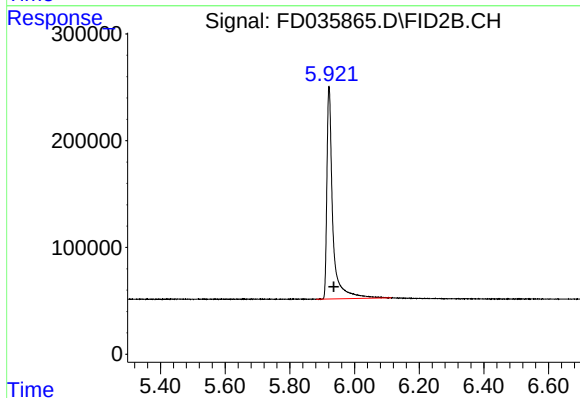
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.382 min
Delta R.T.: -0.010 min
Response: 2502506
Conc: 20.09 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

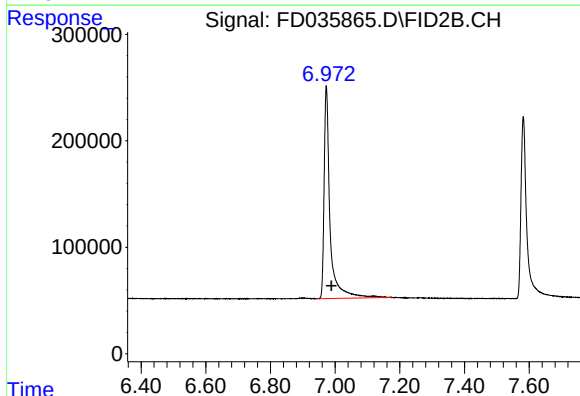
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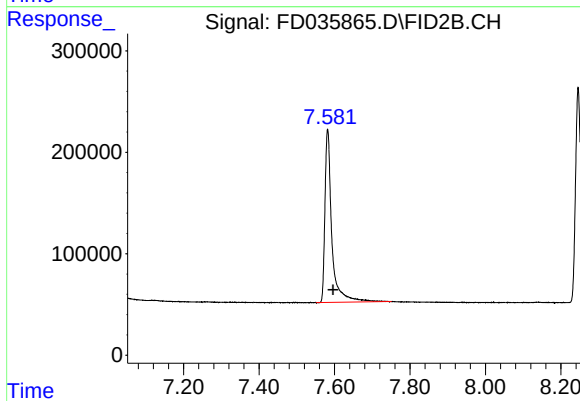
#2 Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.014 min
Response: 2527038
Conc: 20.00 ug/ml



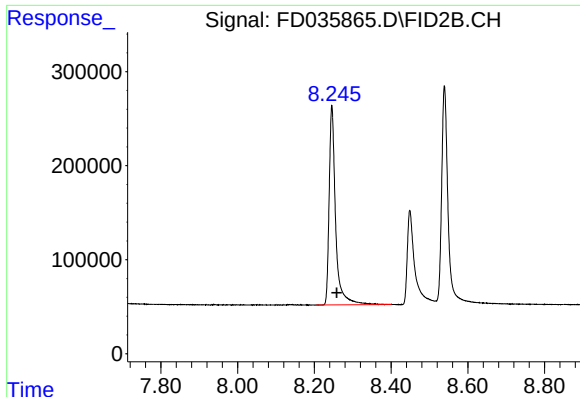
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.973 min
Delta R.T.: -0.015 min
Response: 2557340
Conc: 20.22 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.582 min
Delta R.T.: -0.014 min
Response: 2175370
Conc: 19.93 ug/ml



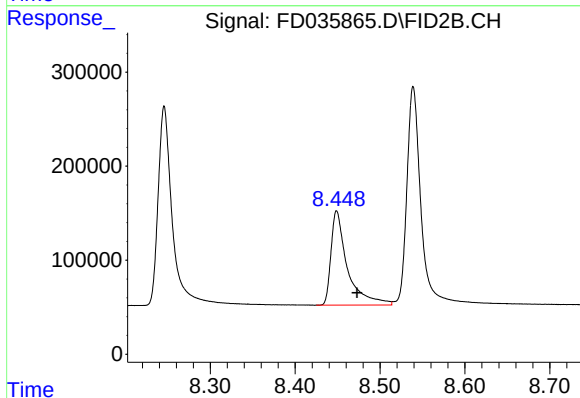
#5 Acenaphthylene (C15.06)

R.T.: 8.246 min
Delta R.T.: -0.012 min
Response: 2481997
Conc: 19.62 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

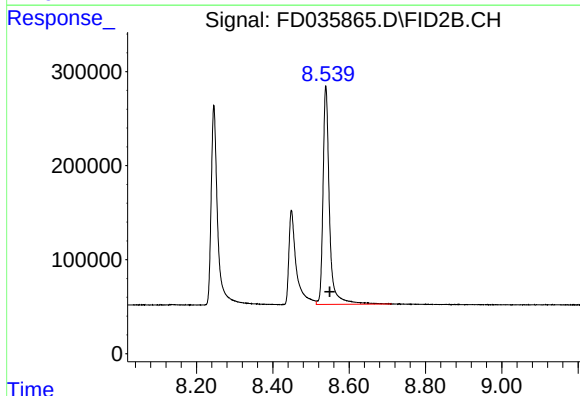
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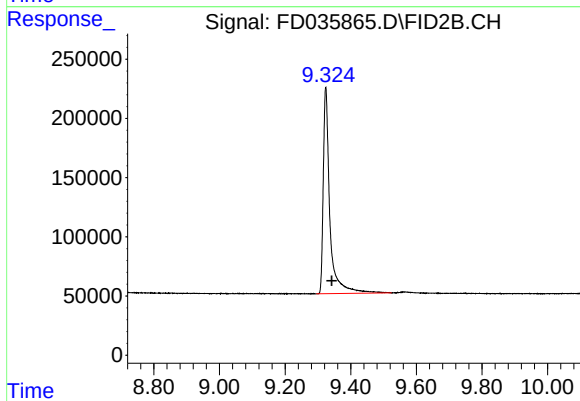
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.023 min
Response: 1350473
Conc: 19.45 ug/ml



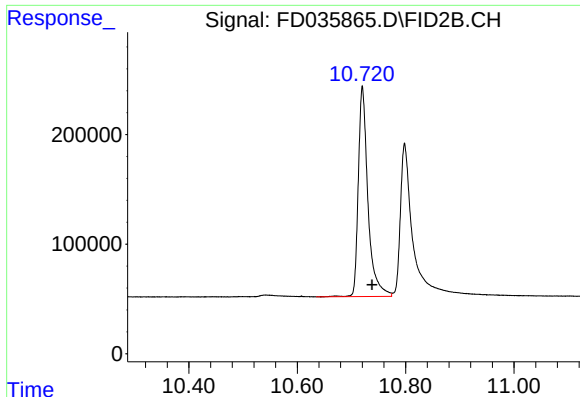
#7 Acenaphthene (C15.5)

R.T.: 8.539 min
Delta R.T.: -0.010 min
Response: 2732134
Conc: 20.14 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.324 min
Delta R.T.: -0.018 min
Response: 2441199
Conc: 19.88 ug/ml



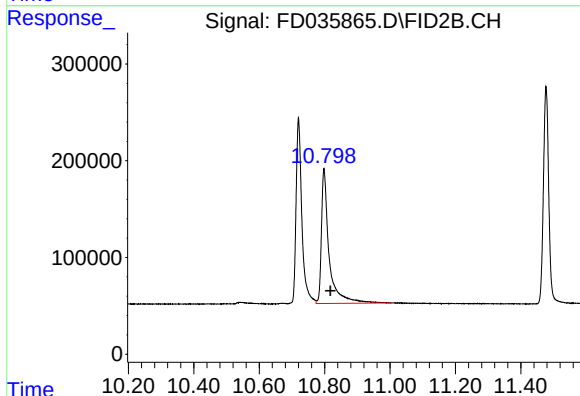
#9 Phenanthrene (C19.36)

R.T.: 10.721 min
Delta R.T.: -0.018 min
Response: 2368939
Conc: 19.42 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

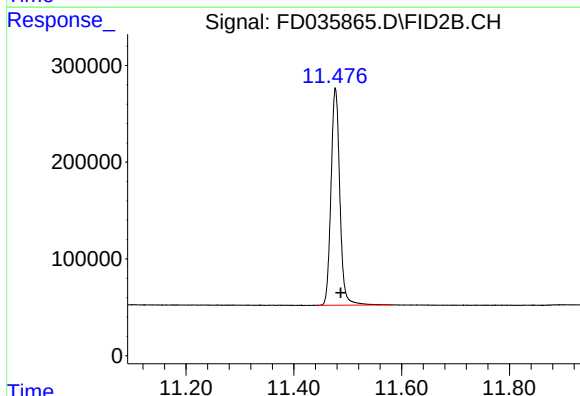
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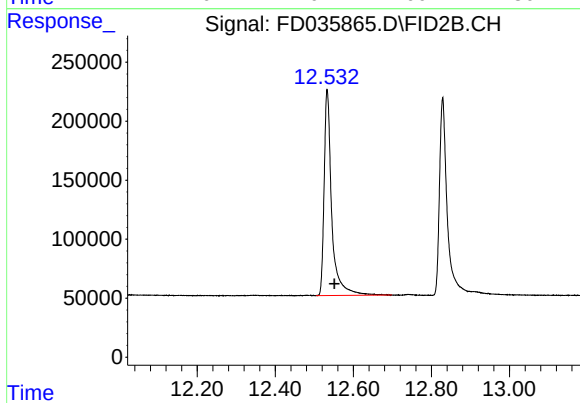
#10 Anthracene (C19.43)

R.T.: 10.799 min
Delta R.T.: -0.019 min
Response: 2267393
Conc: 18.12 ug/ml



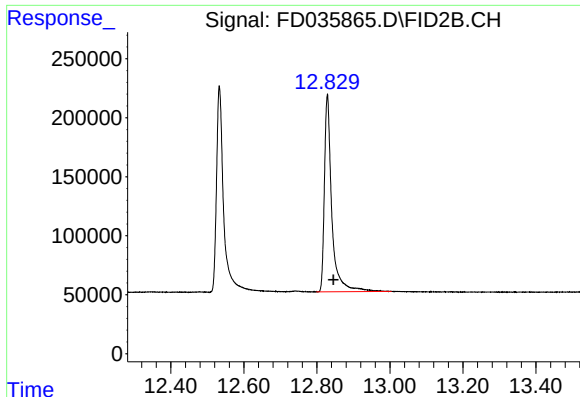
#11 ortho-Terphenyl (SURR)

R.T.: 11.477 min
Delta R.T.: -0.009 min
Response: 2553568
Conc: 19.76 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.533 min
Delta R.T.: -0.018 min
Response: 2364844
Conc: 19.41 ug/ml



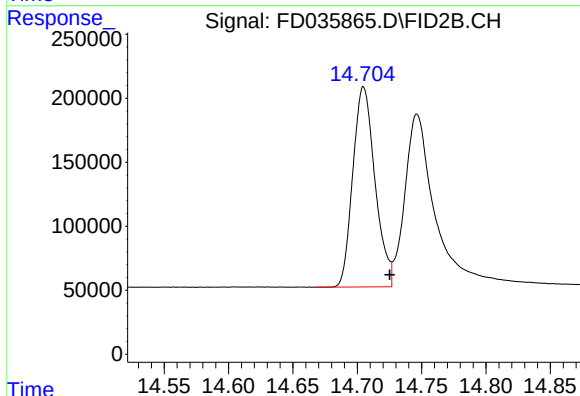
#13 Pyrene (C20.8)

R.T.: 12.829 min
Delta R.T.: -0.017 min
Response: 2352708
Conc: 19.23 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

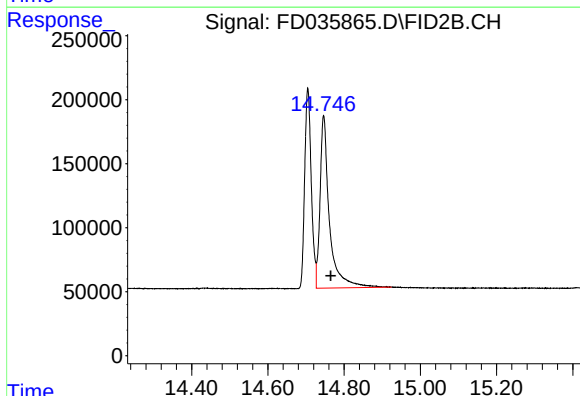
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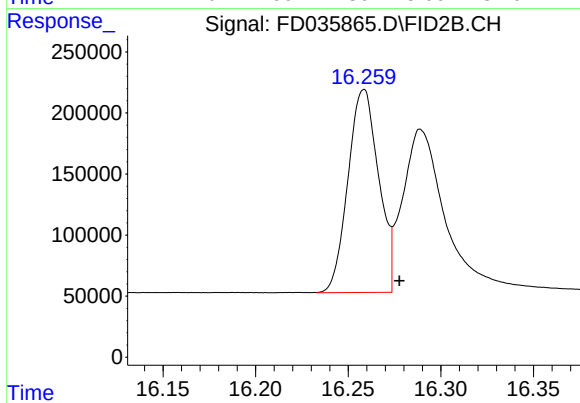
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.705 min
Delta R.T.: -0.020 min
Response: 1873969
Conc: 19.06 ug/ml



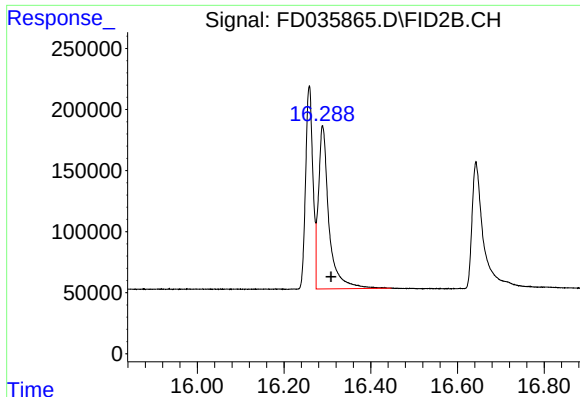
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: -0.019 min
Response: 2313975
Conc: 18.88 ug/ml



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

R.T.: 16.259 min
Delta R.T.: -0.019 min
Response: 1912236
Conc: 20.08 ug/ml m



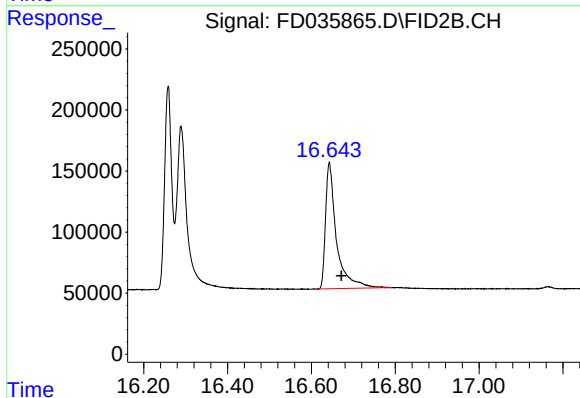
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.289 min
Delta R.T.: -0.019 min
Response: 2244462
Conc: 20.38 ug/ml

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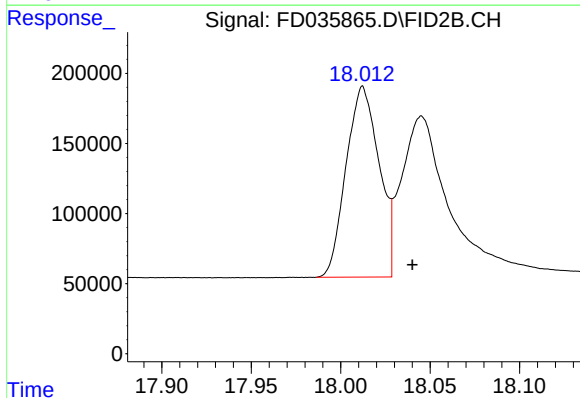
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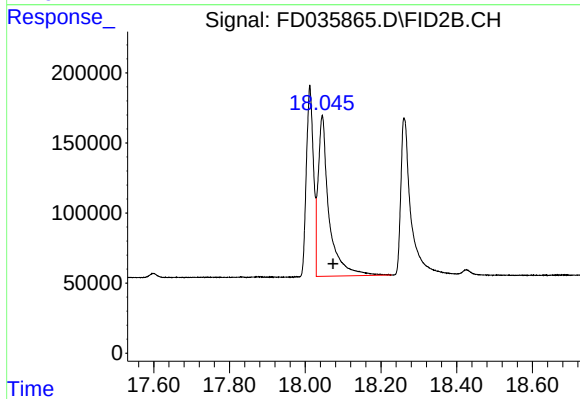
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.643 min
Delta R.T.: -0.028 min
Response: 1876234
Conc: 20.61 ug/ml



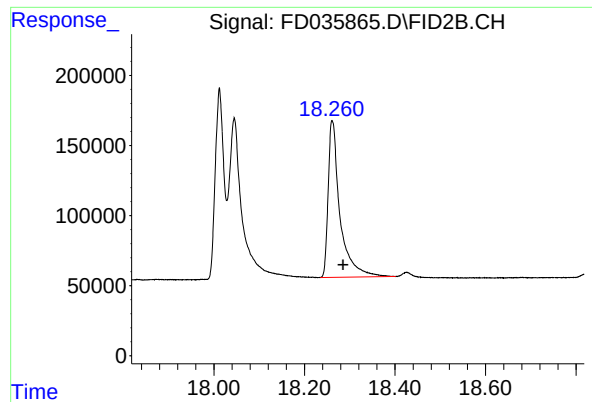
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.012 min
Delta R.T.: -0.028 min
Response: 1748418
Conc: 21.59 ug/ml m



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

R.T.: 18.045 min
Delta R.T.: -0.028 min
Response: 2302020
Conc: 21.54 ug/ml



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

R.T.: 18.262 min
Delta R.T.: -0.024 min
Response: 2024567
Conc: 21.90 ug/ml

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