

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120120AR\
 Data File : FD035732.D
 Signal(s) : FID2B.CH
 Acq On : 01 Dec 2020 22:51
 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
 12/2/2020 9:50:58 AM

Integration File: autoint1.e
 Quant Time: Dec 02 01:56:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 09:48:30 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...	7.606	2798498	21.959 ug/ml
Spiked Amount 50.000		Recovery =	43.92%
6) S 2-Fluorobiphenyl (SURR)	8.472	1890397	21.803 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.61%
11) S ortho-Terphenyl (SURR)	11.506	3189275	21.550 ug/ml
Spiked Amount 50.000		Recovery =	43.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.406	3155835	21.792 ug/ml
2) T Naphthalene (C11.7)	5.945	3309036	22.002 ug/ml
3) T 2-Methylnaphthalene (...)	6.997	3274593	21.701 ug/ml
5) T Acenaphthylene (C15.06)	8.272	3164322	21.618 ug/ml
7) T Acenaphthene (C15.5)	8.567	3342145	22.076 ug/ml
8) T Fluorene (C16.55)	9.350	3135653	21.846 ug/ml
9) T Phenanthrene (C19.36)	10.746	3073991	21.617 ug/ml
10) T Anthracene (C19.43)	10.822	3072719	21.478 ug/ml
12) T Fluoranthene (C21.85)	12.559	3009837	21.588 ug/ml
13) T Pyrene (C20.8)	12.857	2828366	20.884 ug/ml
14) T Benzo[a]anthracene (C...	14.730	2494774	21.452 ug/ml
15) T Chrysene (C27.41)	14.772	2800143	21.905 ug/ml
16) T benzo[b]fluoranthene ...	16.282	2365220	21.866 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.313	2467478	22.237 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.663	2034151	20.629 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	2065714	21.356 ug/mlm
20) T Dibenz[a,h]anthracene...	18.066	2457019	23.817 ug/ml
21) T Benzo[g,h,i]perylene ...	18.284	2222205	22.442 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

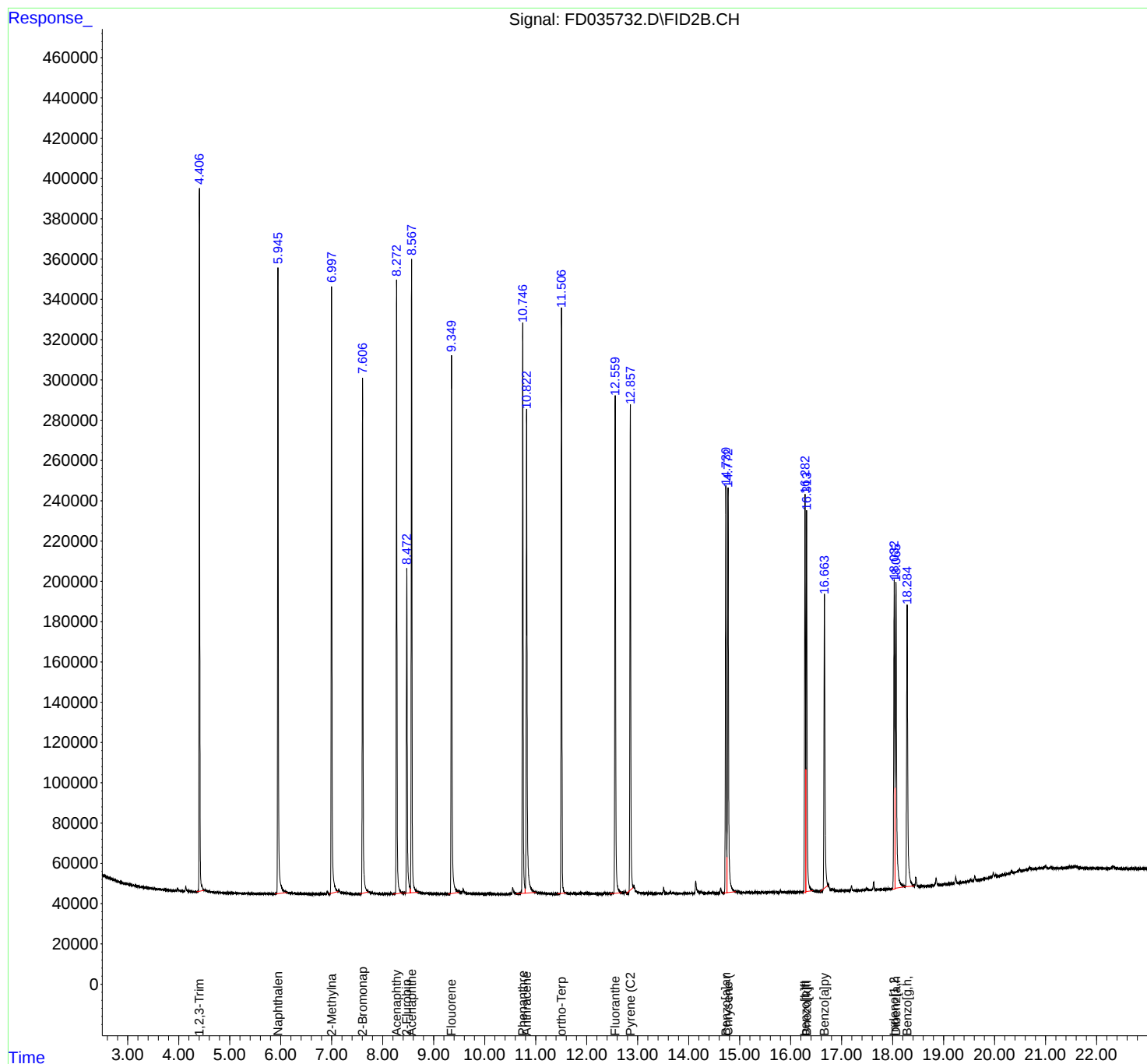
Instrument :
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20 PPM AROMATIC HC STD

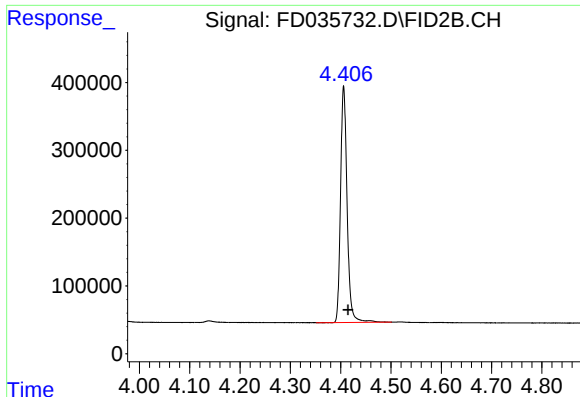
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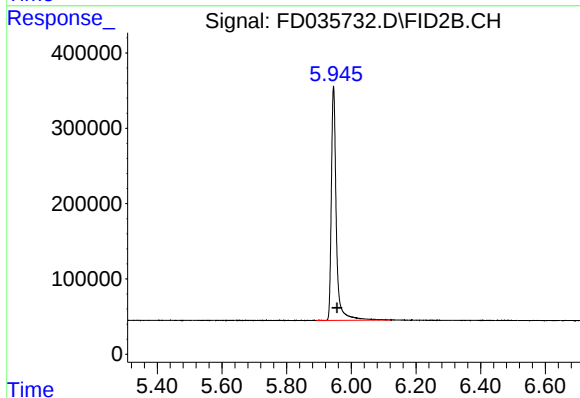
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.406 min
Delta R.T.: -0.009 min
Response: 3155835
Conc: 21.79 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

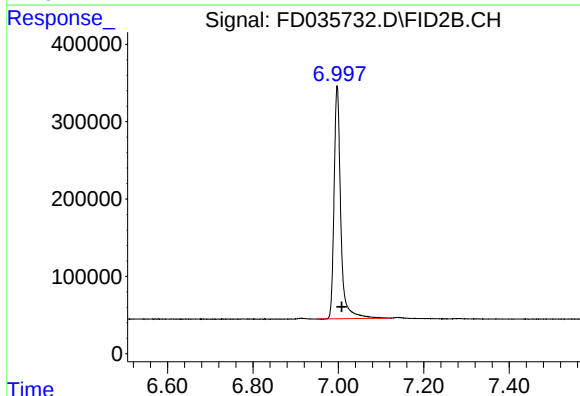
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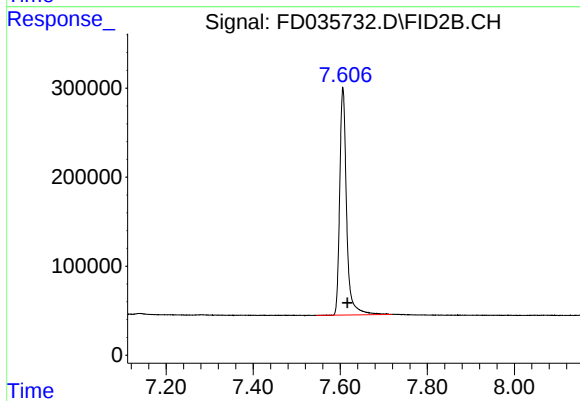
#2 Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.011 min
Response: 3309036
Conc: 22.00 ug/ml



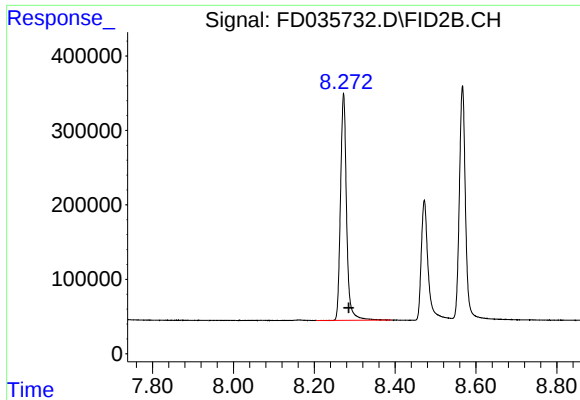
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.011 min
Response: 3274593
Conc: 21.70 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.606 min
Delta R.T.: -0.010 min
Response: 2798498
Conc: 21.96 ug/ml



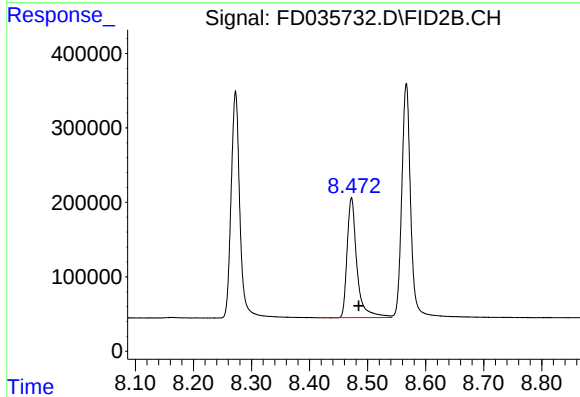
#5 Acenaphthylene (C15.06)

R.T.: 8.272 min
Delta R.T.: -0.013 min
Response: 3164322
Conc: 21.62 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

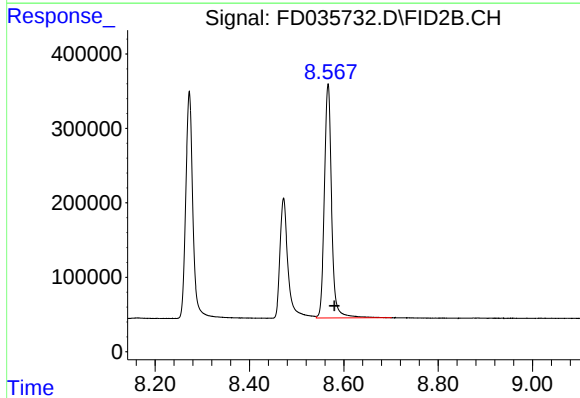
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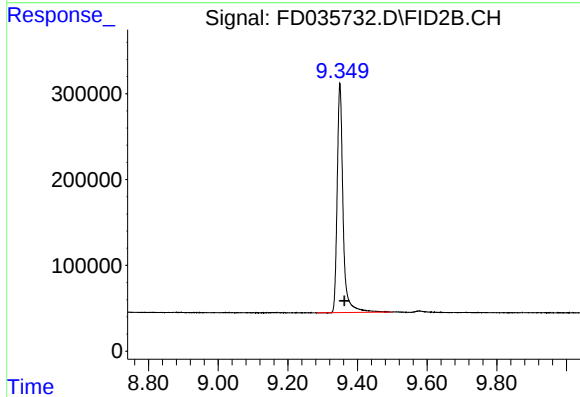
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.472 min
Delta R.T.: -0.012 min
Response: 1890397
Conc: 21.80 ug/ml



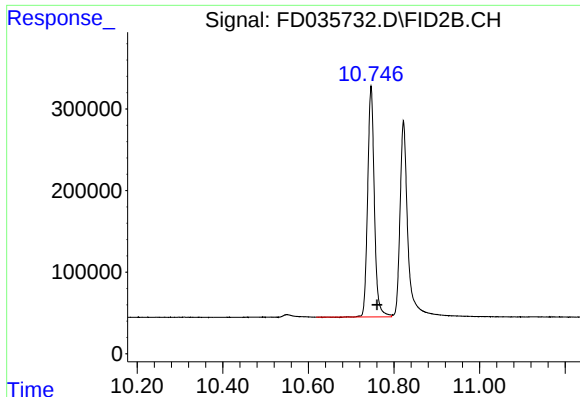
#7 Acenaphthene (C15.5)

R.T.: 8.567 min
Delta R.T.: -0.014 min
Response: 3342145
Conc: 22.08 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.350 min
Delta R.T.: -0.013 min
Response: 3135653
Conc: 21.85 ug/ml



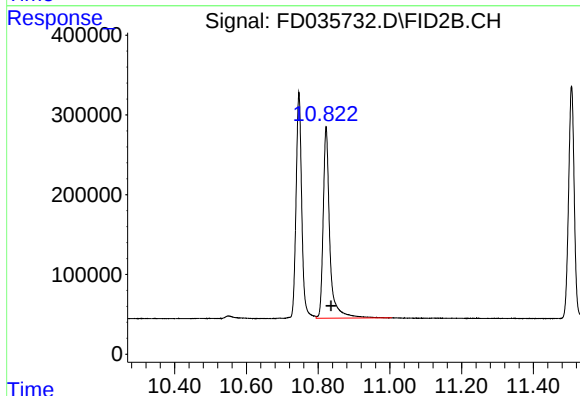
#9 Phenanthrene (C19.36)

R.T.: 10.746 min
Delta R.T.: -0.015 min
Response: 3073991
Conc: 21.62 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

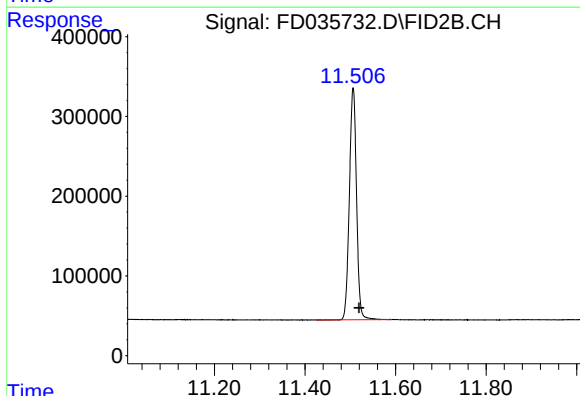
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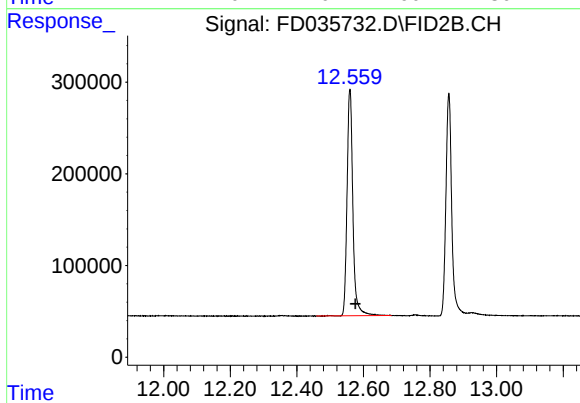
#10 Anthracene (C19.43)

R.T.: 10.822 min
Delta R.T.: -0.014 min
Response: 3072719
Conc: 21.48 ug/ml



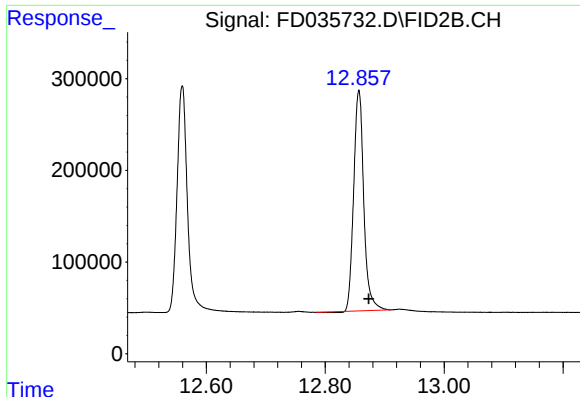
#11 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: -0.013 min
Response: 3189275
Conc: 21.55 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.559 min
Delta R.T.: -0.016 min
Response: 3009837
Conc: 21.59 ug/ml



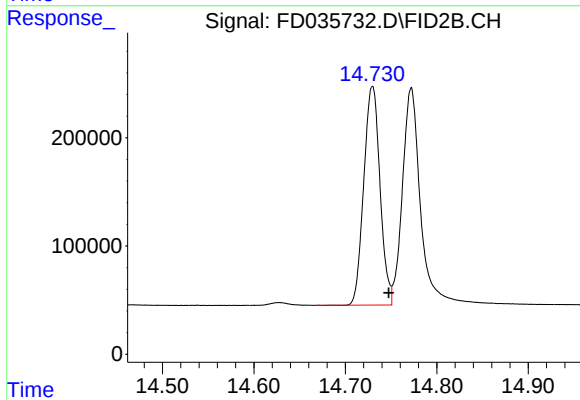
#13 Pyrene (C20.8)

R.T.: 12.857 min
Delta R.T.: -0.017 min
Response: 2828366
Conc: 20.88 ug/ml

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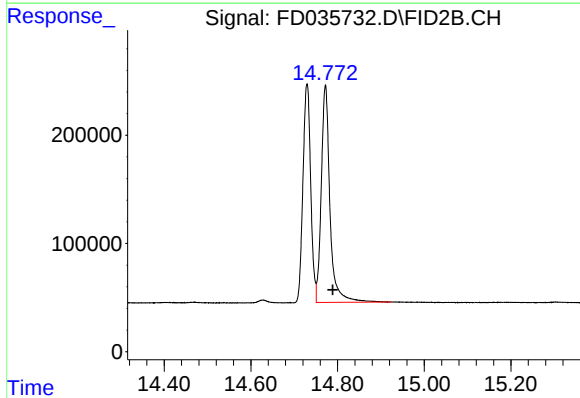
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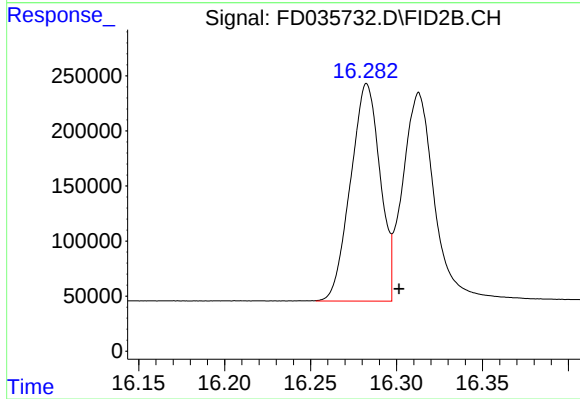
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.730 min
Delta R.T.: -0.018 min
Response: 2494774
Conc: 21.45 ug/ml



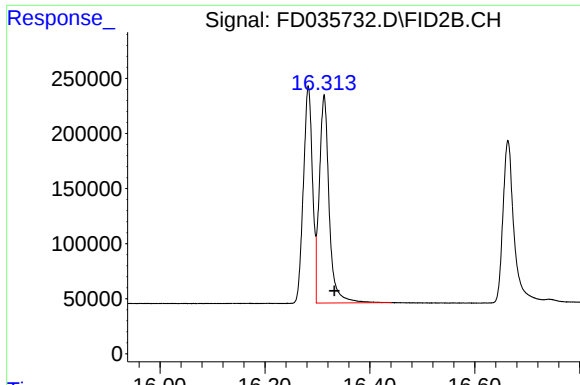
#15 Chrysene (C27.41)

R.T.: 14.772 min
Delta R.T.: -0.017 min
Response: 2800143
Conc: 21.90 ug/ml



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

R.T.: 16.282 min
Delta R.T.: -0.019 min
Response: 2365220
Conc: 21.87 ug/ml m



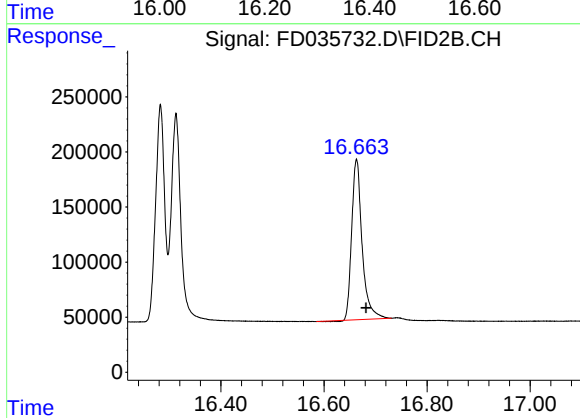
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.313 min
Delta R.T.: -0.020 min
Response: 2467478
Conc: 22.24 ug/ml

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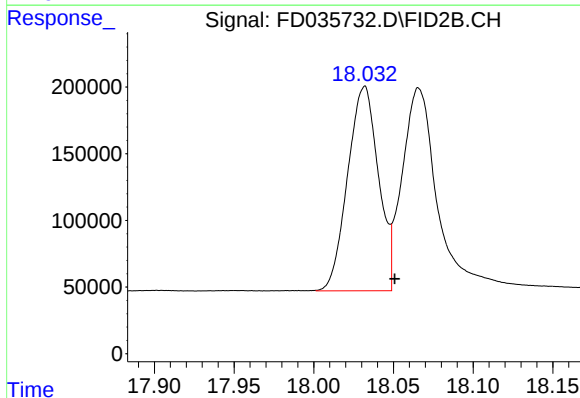
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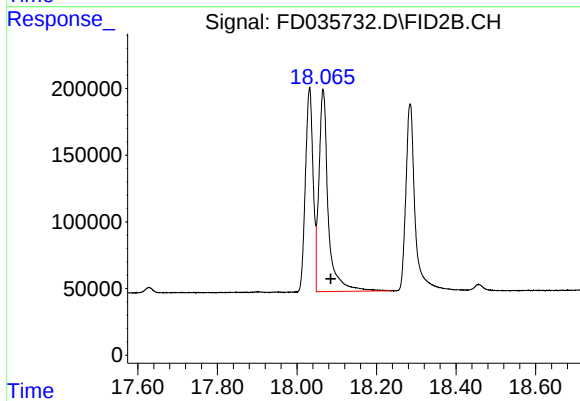
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.663 min
Delta R.T.: -0.019 min
Response: 2034151
Conc: 20.63 ug/ml



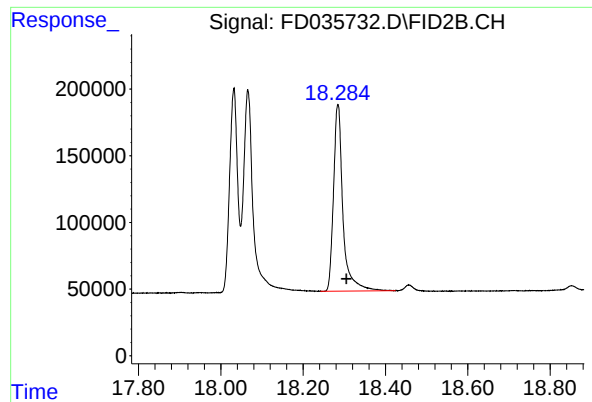
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: -0.019 min
Response: 2065714
Conc: 21.36 ug/ml m



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

R.T.: 18.066 min
Delta R.T.: -0.019 min
Response: 2457019
Conc: 23.82 ug/ml



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

R.T.: 18.284 min
Delta R.T.: -0.021 min
Response: 2222205
Conc: 22.44 ug/ml

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