

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040620AR\
 Data File : FD032835.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2020 15:34
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
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Sohil

4/7/2020 1:36:22 PM

Integration File: autoint1.e
 Quant Time: Apr 07 02:06:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:02:27 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...	7.612	14732036	97.578 ug/ml
Spiked Amount 50.000		Recovery =	195.16%
6) S 2-Fluorobiphenyl (SURR)	8.475	10102333	99.841 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.68%#
11) S ortho-Terphenyl (SURR)	11.512	15433988	94.722 ug/ml
Spiked Amount 50.000		Recovery =	189.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	15191740	95.716 ug/ml
2) T Naphthalene (C11.7)	5.952	16279673	97.462 ug/ml
3) T 2-Methylnaphthalene (...)	7.004	16194051	97.769 ug/ml
5) T Acenaphthylene (C15.06)	8.278	15412112	97.008 ug/ml
7) T Acenaphthene (C15.5)	8.577	16066962	97.263 ug/ml
8) T Fluorene (C16.55)	9.356	15850115	98.393 ug/ml
9) T Phenanthrene (C19.36)	10.751	15700210	97.395 ug/ml
10) T Anthracene (C19.43)	10.828	15298843	96.686 ug/ml
12) T Fluoranthene (C21.85)	12.565	15460445	95.766 ug/ml
13) T Pyrene (C20.8)	12.863	15291269	95.828 ug/ml
14) T Benzo[a]anthracene (C...	14.733	14214062	97.267 ug/ml
15) T Chrysene (C27.41)	14.782	14291642	94.851 ug/ml
16) T benzo[b]fluoranthene ...	16.286	13600263	97.503 ug/ml
17) T Bnezo[k]fluoranthene ...	16.327	13320424	94.568 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.669	13187933	97.128 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	12862901	104.704 ug/ml
20) T Dibenz[a,h]anthracene...	18.076	11633562	90.356 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.298	11961547	96.176 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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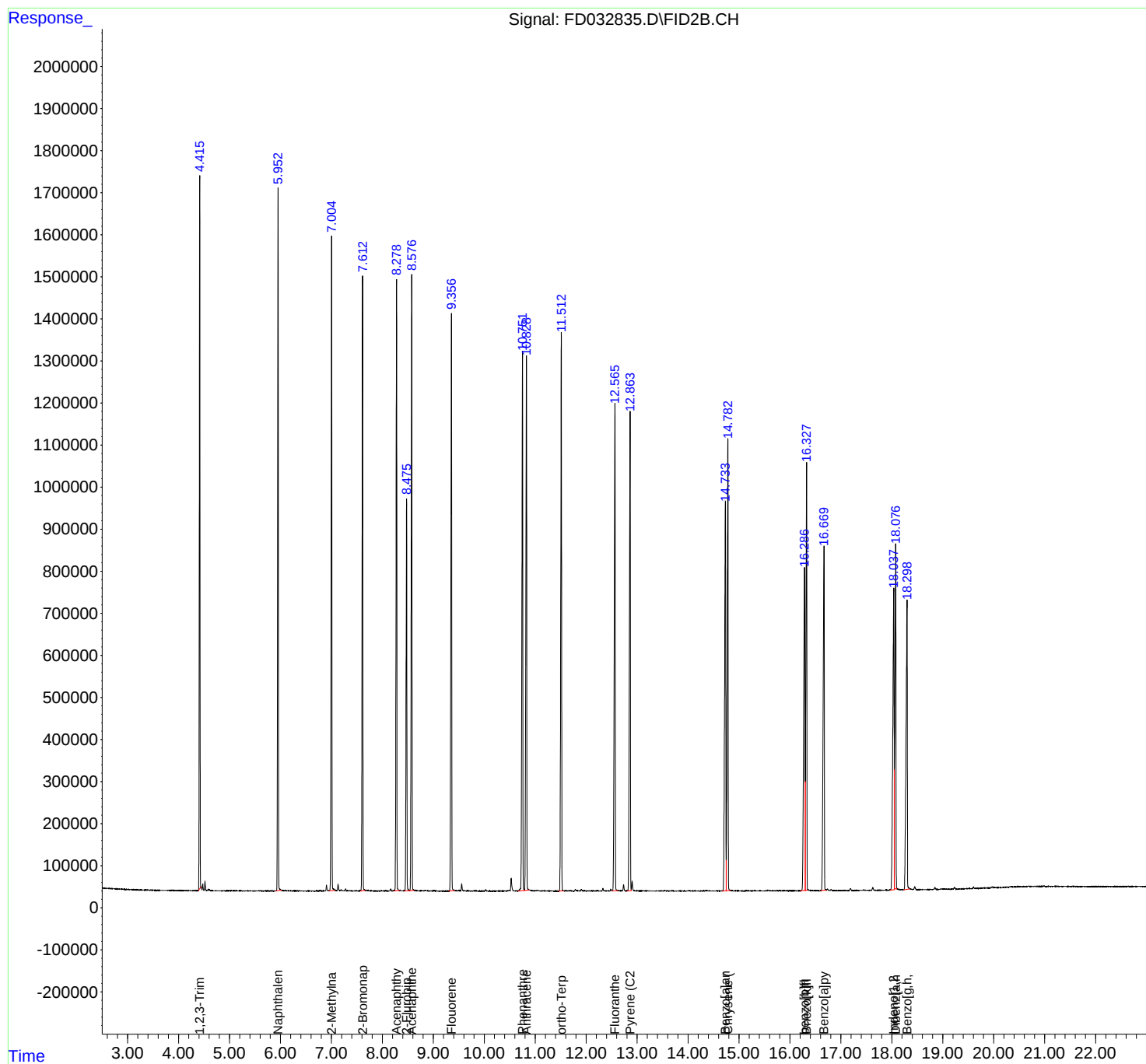
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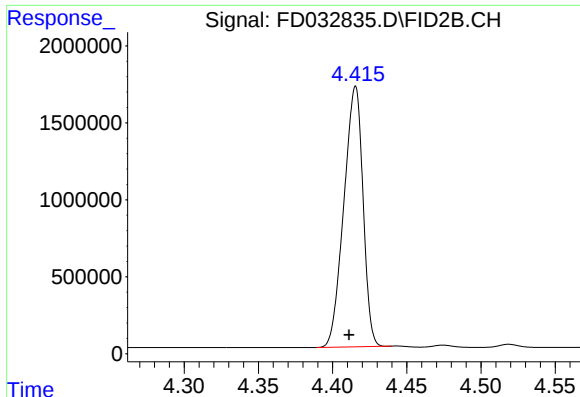
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#1 1,2,3-Trimethylbenzene (C10.1)

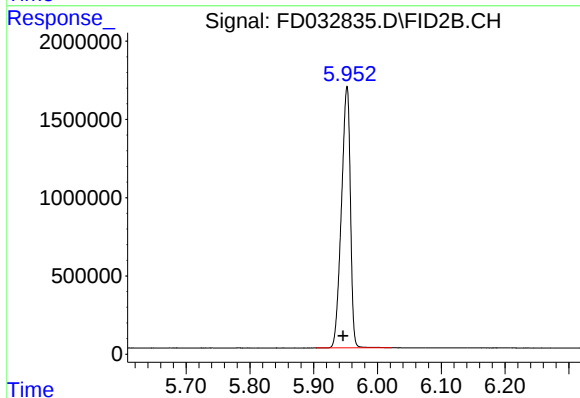
R.T.: 4.415 min
Delta R.T.: 0.004 min
Response: 15191740
Conc: 95.72 ug/ml

Instrument :
FID_D
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100 PPM AROMATIC HC STD1

Manual Integrations
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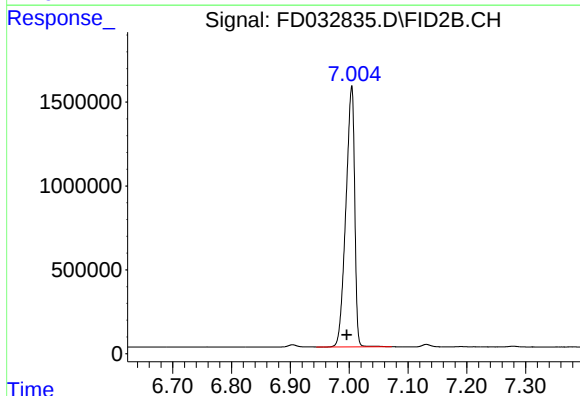
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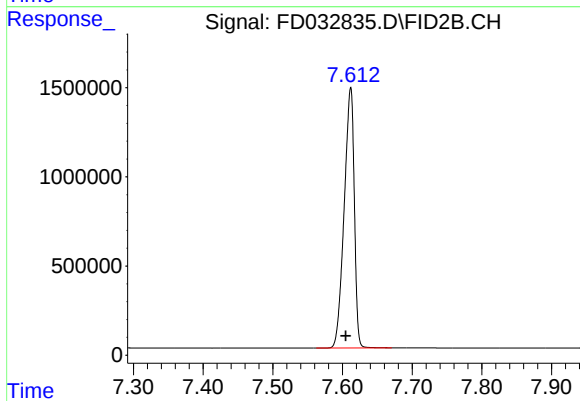
#2 Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.006 min
Response: 16279673
Conc: 97.46 ug/ml



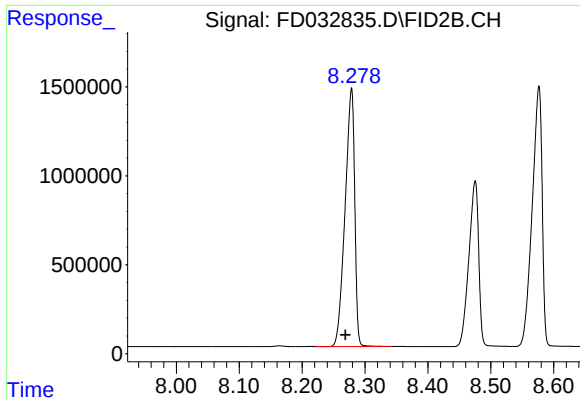
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: 0.008 min
Response: 16194051
Conc: 97.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.612 min
Delta R.T.: 0.007 min
Response: 14732036
Conc: 97.58 ug/ml



#5 Acenaphthylene (C15.06)

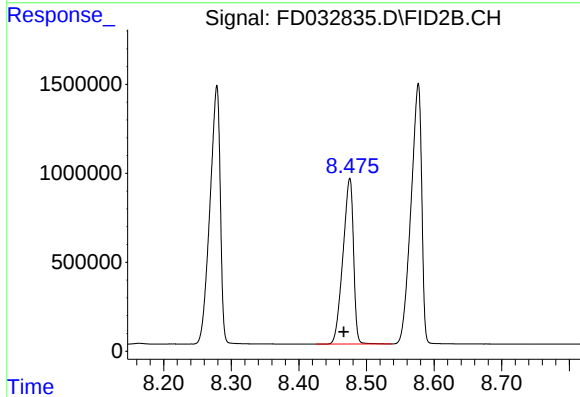
R.T.: 8.278 min
Delta R.T.: 0.009 min
Response: 15412112
Conc: 97.01 ug/ml

Instrument :
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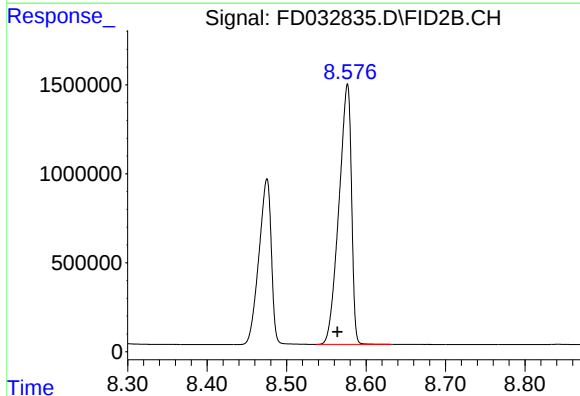
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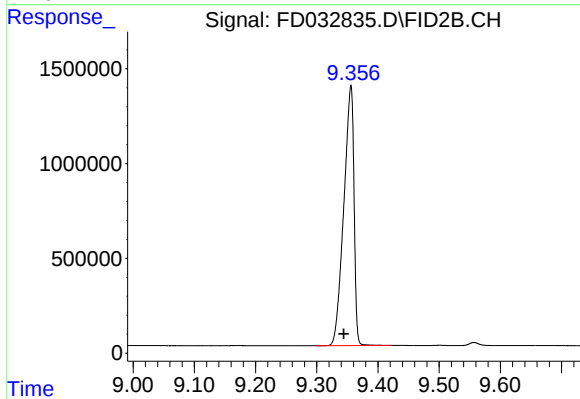
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.475 min
Delta R.T.: 0.009 min
Response: 10102333
Conc: 99.84 ug/ml



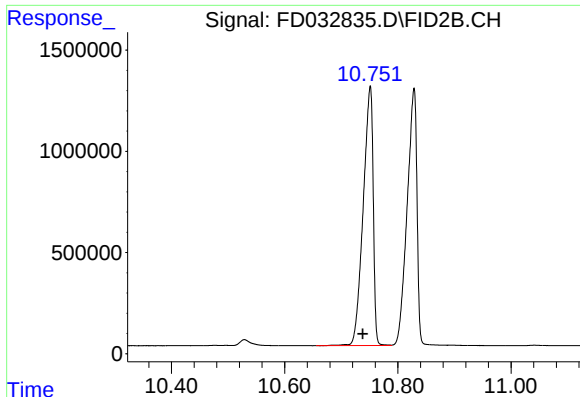
#7 Acenaphthene (C15.5)

R.T.: 8.577 min
Delta R.T.: 0.012 min
Response: 16066962
Conc: 97.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.356 min
Delta R.T.: 0.011 min
Response: 15850115
Conc: 98.39 ug/ml



#9 Phenanthrene (C19.36)

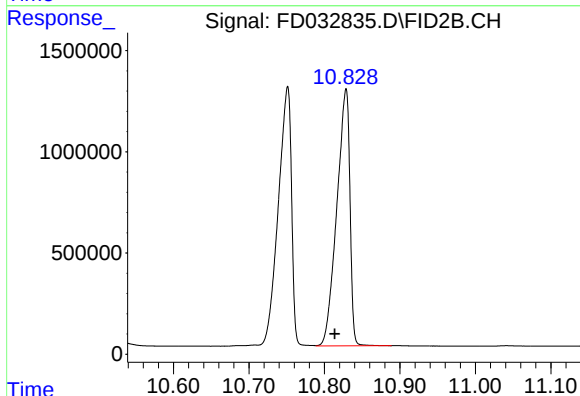
R.T.: 10.751 min
Delta R.T.: 0.013 min
Response: 15700210
Conc: 97.40 ug/ml

Instrument :
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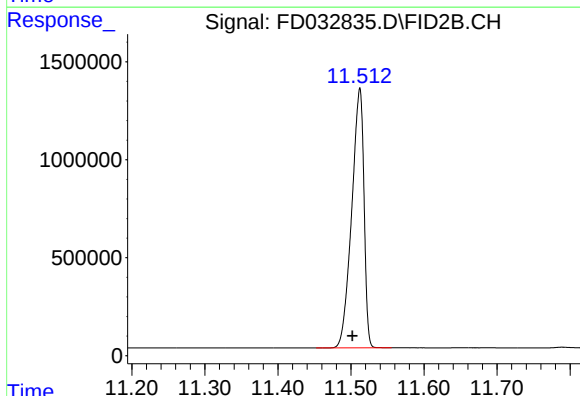
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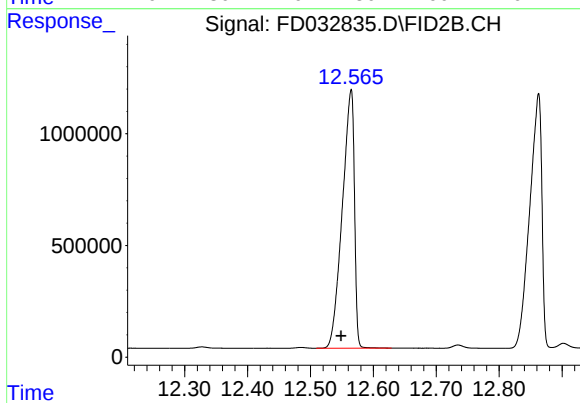
#10 Anthracene (C19.43)

R.T.: 10.828 min
Delta R.T.: 0.015 min
Response: 15298843
Conc: 96.69 ug/ml



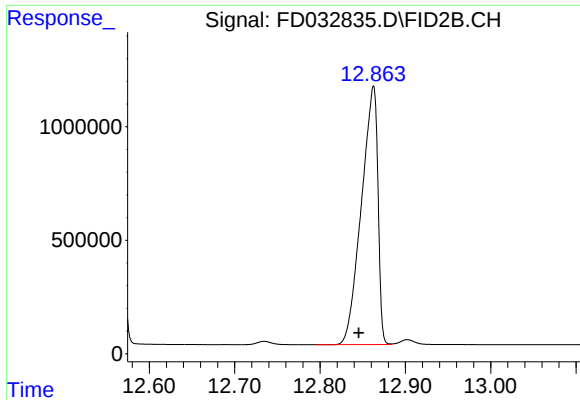
#11 ortho-Terphenyl (SURR)

R.T.: 11.512 min
Delta R.T.: 0.010 min
Response: 15433988
Conc: 94.72 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.565 min
Delta R.T.: 0.016 min
Response: 15460445
Conc: 95.77 ug/ml



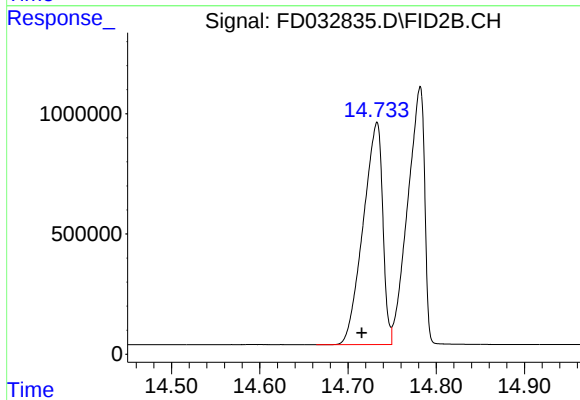
#13 Pyrene (C20.8)

R.T.: 12.863 min
Delta R.T.: 0.017 min
Response: 15291269
Conc: 95.83 ug/ml

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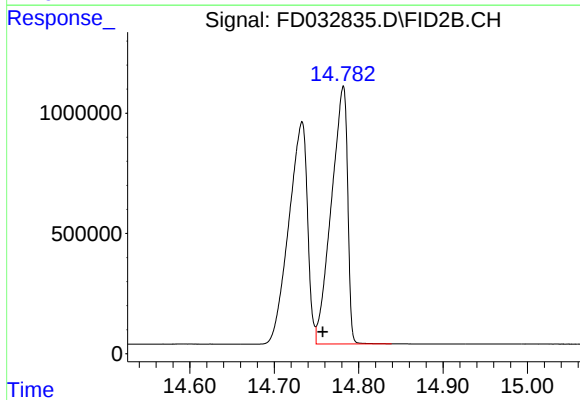
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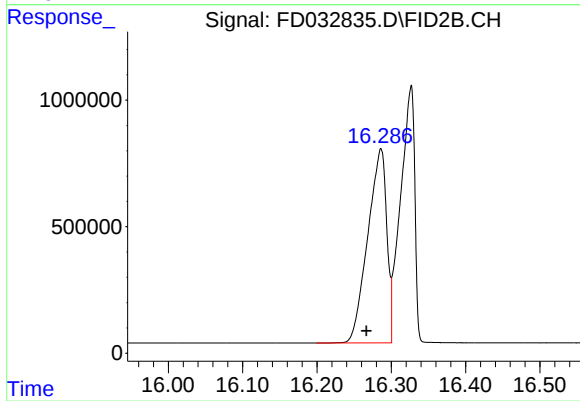
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.733 min
Delta R.T.: 0.017 min
Response: 14214062
Conc: 97.27 ug/ml



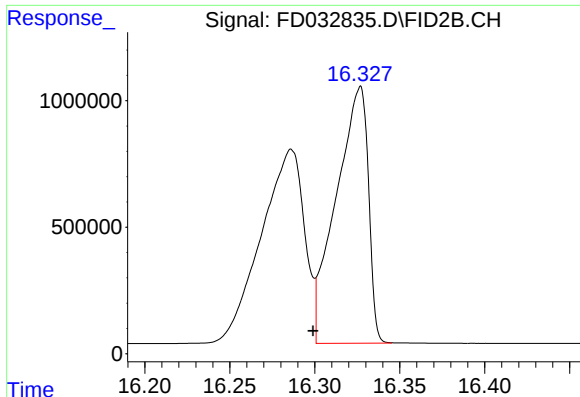
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: 0.024 min
Response: 14291642
Conc: 94.85 ug/ml



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

R.T.: 16.286 min
Delta R.T.: 0.019 min
Response: 13600263
Conc: 97.50 ug/ml



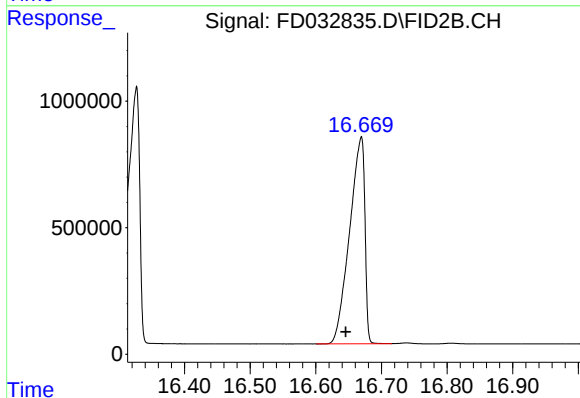
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.327 min
Delta R.T.: 0.028 min
Response: 13320424
Conc: 94.57 ug/ml m

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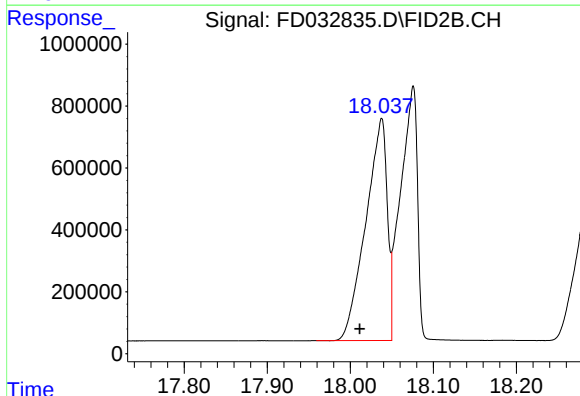
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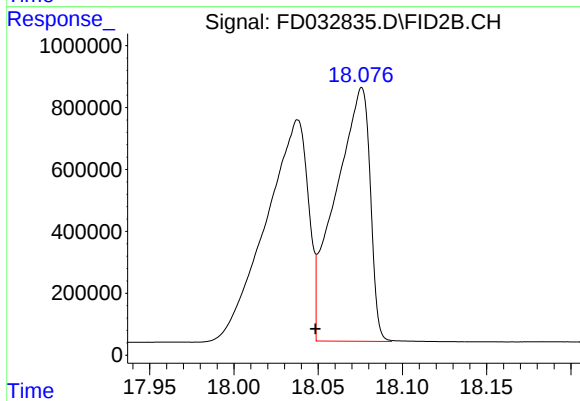
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: 0.023 min
Response: 13187933
Conc: 97.13 ug/ml



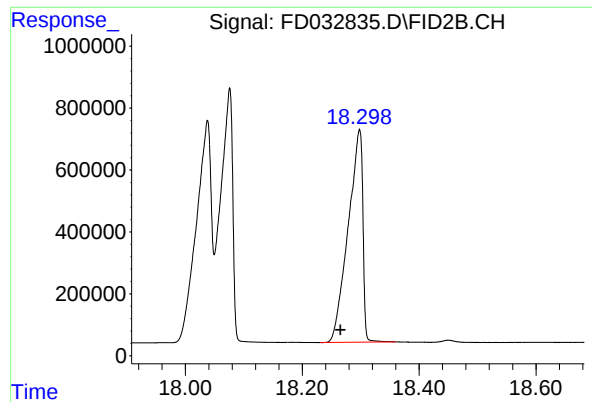
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: 0.026 min
Response: 12862901
Conc: 104.70 ug/ml



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

R.T.: 18.076 min
Delta R.T.: 0.027 min
Response: 11633562
Conc: 90.36 ug/ml m



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

R.T.: 18.298 min
Delta R.T.: 0.033 min
Response: 11961547
Conc: 96.18 ug/ml

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