

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042120AR\
 Data File : FD033104.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2020 8:42
 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

Sohil
 4/22/2020 4:34:34 PM

Integration File: autoint1.e
 Quant Time: Apr 22 09:07:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 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...	7.597	2579772	17.583 ug/ml
Spiked Amount 50.000		Recovery =	35.17%
6) S 2-Fluorobiphenyl (SURR)	8.459	1670480	17.123 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.25%
11) S ortho-Terphenyl (SURR)	11.491	2641086	16.526 ug/ml
Spiked Amount 50.000		Recovery =	33.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.402	2875950	18.515 ug/mlm
2) T Naphthalene (C11.7)	5.938	2907037	17.817 ug/ml
3) T 2-Methylnaphthalene (...)	6.988	2844660	17.628 ug/ml
5) T Acenaphthylene (C15.06)	8.262	2662016	17.209 ug/ml
7) T Acenaphthene (C15.5)	8.556	2783286	17.297 ug/ml
8) T Flouorene (C16.55)	9.335	2658990	17.103 ug/ml
9) T Phenanthrene (C19.36)	10.730	2536909	16.195 ug/ml
10) T Anthracene (C19.43)	10.805	2441821	16.032 ug/ml
12) T Fluoranthene (C21.85)	12.540	2482129	15.750 ug/ml
13) T Pyrene (C20.8)	12.837	2446311	15.665 ug/ml
14) T Benzo[a]anthracene (C...	14.708	2329461	16.364 ug/mlm
15) T Chrysene (C27.41)	14.751	2412977	16.353 ug/ml
16) T benzo[b]fluoranthene ...	16.262	2351885	17.232 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.293	2419082	17.576 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.641	2401127	18.126 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.009	2364402	19.588 ug/mlm
20) T Dibenz[a,h]anthracene...	18.046	2437306	19.456 ug/ml
21) T Benzo[g,h,i]perylene ...	18.263	2396011	19.797 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 52 Sample Multiplier: 1

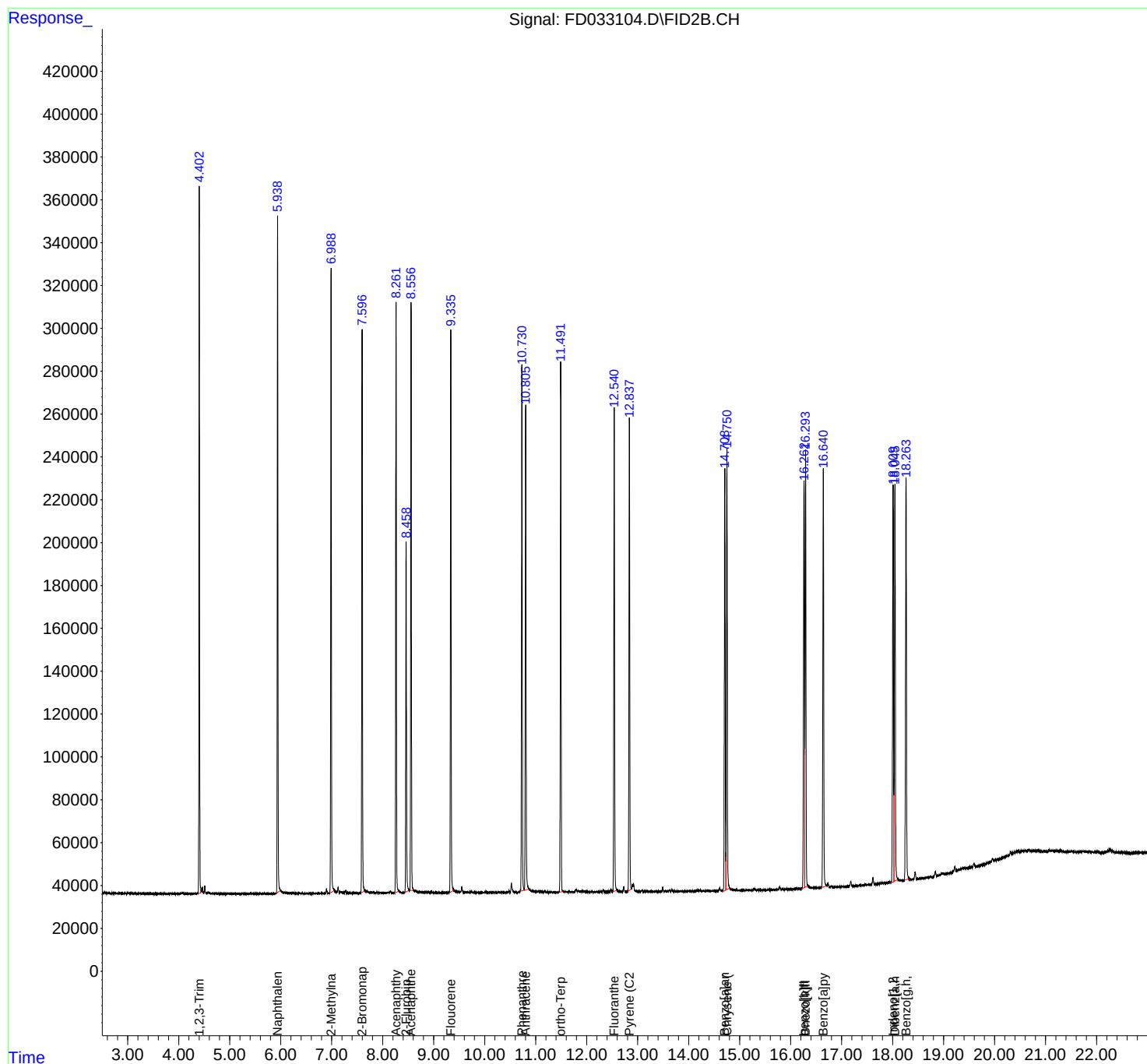
Instrument :
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20 PPM AROMATIC HC STD

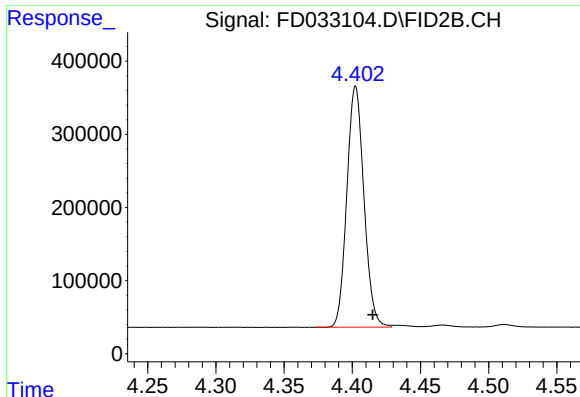
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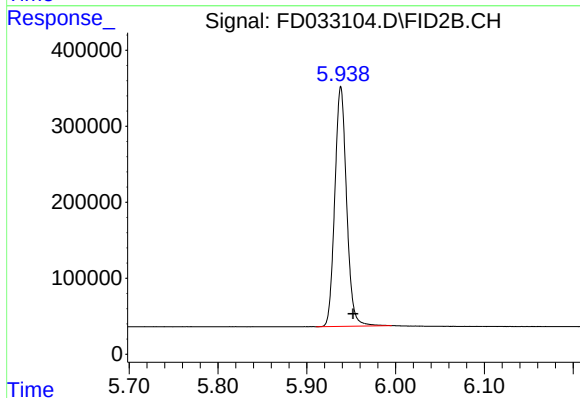
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.402 min
Delta R.T.: -0.013 min
Response: 2875950
Conc: 18.52 ug/ml m

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20 PPM AROMATIC HC STD

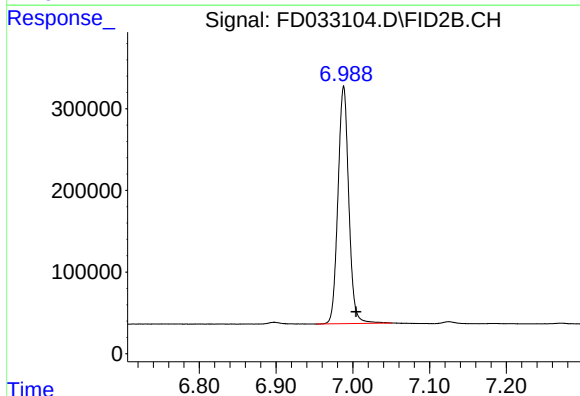
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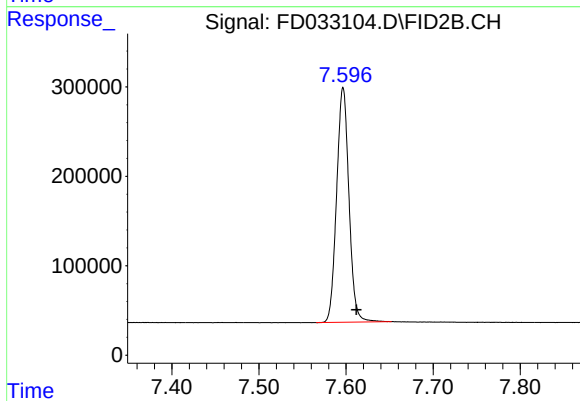
#2 Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.014 min
Response: 2907037
Conc: 17.82 ug/ml



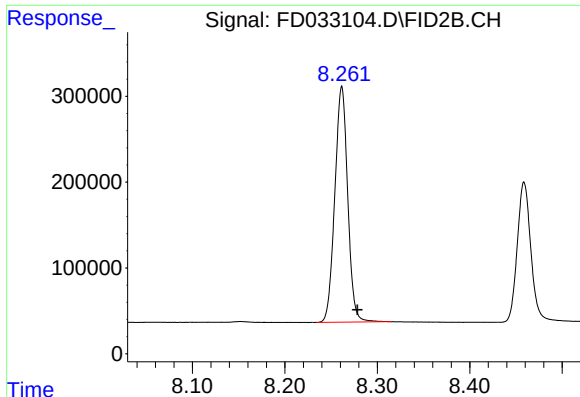
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.016 min
Response: 2844660
Conc: 17.63 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.597 min
Delta R.T.: -0.015 min
Response: 2579772
Conc: 17.58 ug/ml



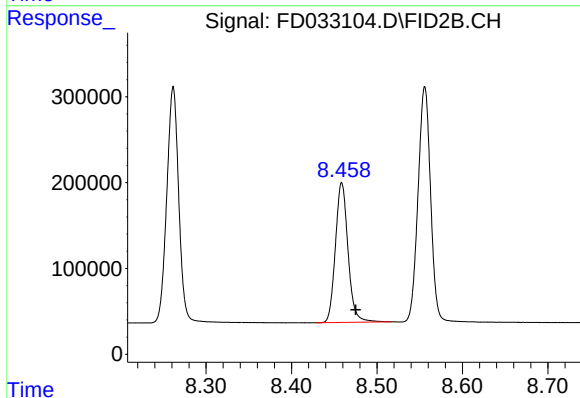
#5 Acenaphthylene (C15.06)

R.T.: 8.262 min
Delta R.T.: -0.017 min
Response: 2662016
Conc: 17.21 ug/ml

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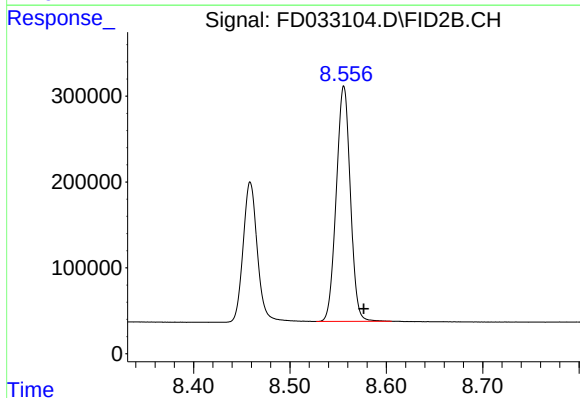
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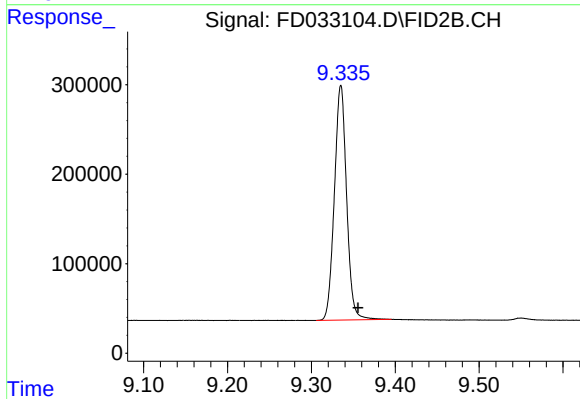
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.459 min
Delta R.T.: -0.016 min
Response: 1670480
Conc: 17.12 ug/ml



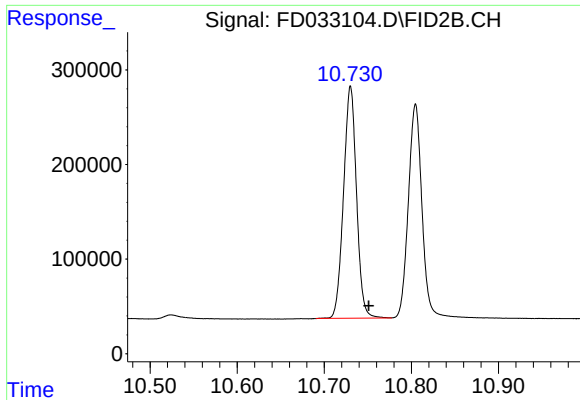
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: -0.021 min
Response: 2783286
Conc: 17.30 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.335 min
Delta R.T.: -0.021 min
Response: 2658990
Conc: 17.10 ug/ml



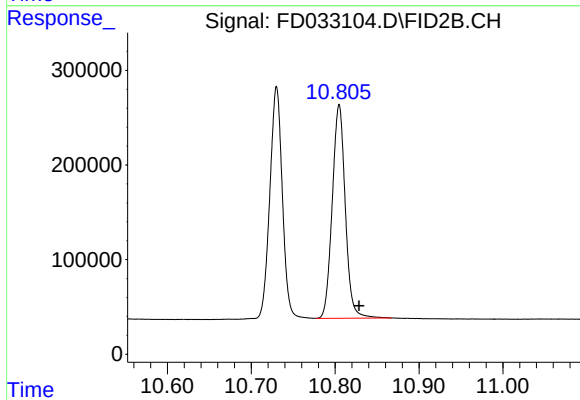
#9 Phenanthrene (C19.36)

R.T.: 10.730 min
Delta R.T.: -0.021 min
Response: 2536909
Conc: 16.20 ug/ml

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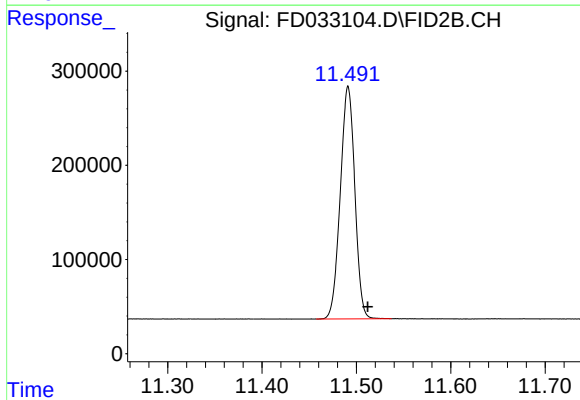
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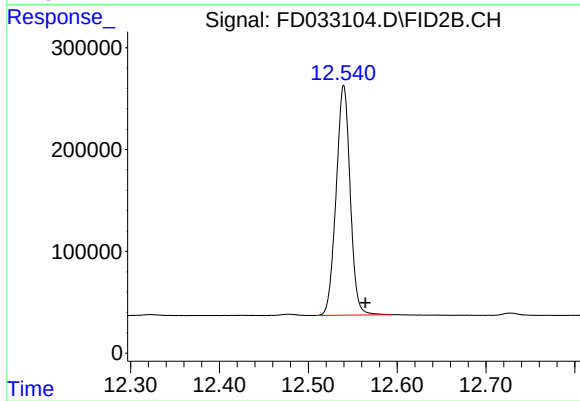
#10 Anthracene (C19.43)

R.T.: 10.805 min
Delta R.T.: -0.024 min
Response: 2441821
Conc: 16.03 ug/ml



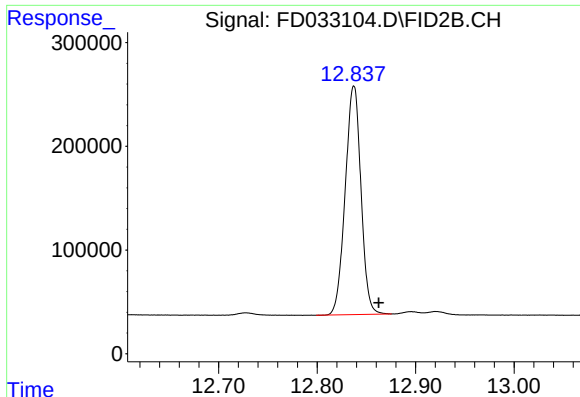
#11 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: -0.021 min
Response: 2641086
Conc: 16.53 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.540 min
Delta R.T.: -0.025 min
Response: 2482129
Conc: 15.75 ug/ml



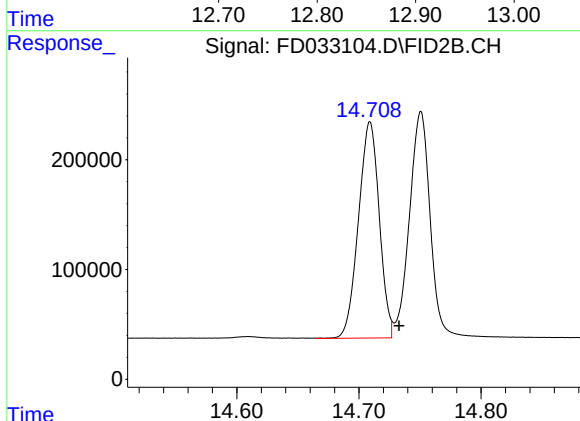
#13 Pyrene (C20.8)

R.T.: 12.837 min
Delta R.T.: -0.025 min
Response: 2446311
Conc: 15.67 ug/ml

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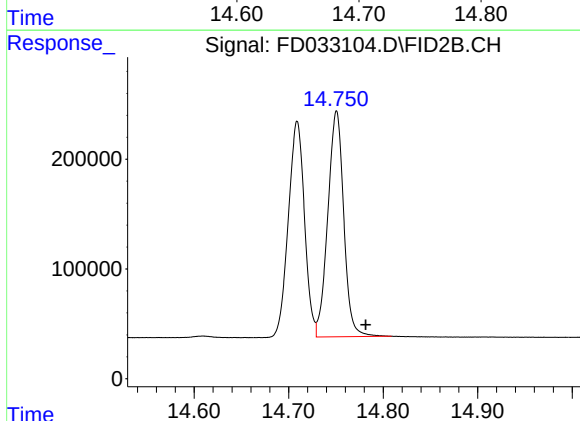
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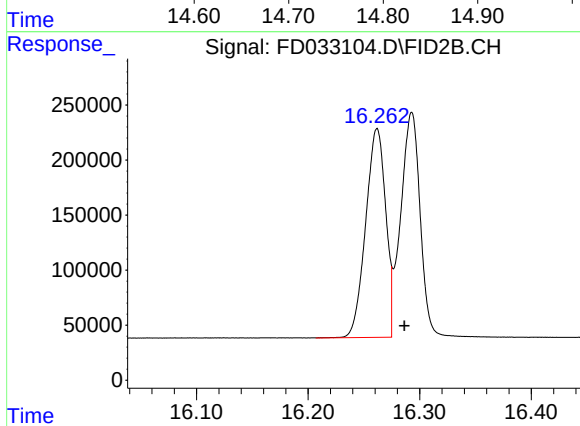
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.708 min
Delta R.T.: -0.024 min
Response: 2329461
Conc: 16.36 ug/ml m



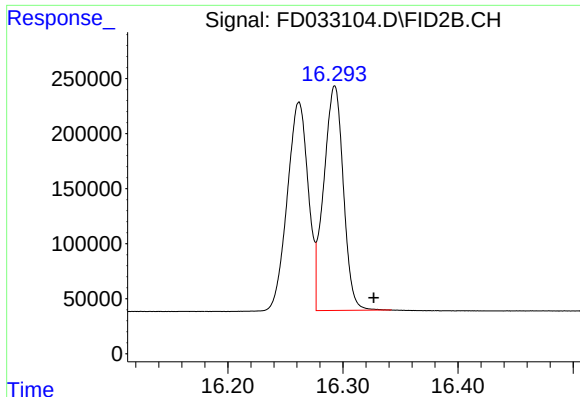
#15 Chrysene (C27.41)

R.T.: 14.751 min
Delta R.T.: -0.031 min
Response: 2412977
Conc: 16.35 ug/ml



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

R.T.: 16.262 min
Delta R.T.: -0.024 min
Response: 2351885
Conc: 17.23 ug/ml m



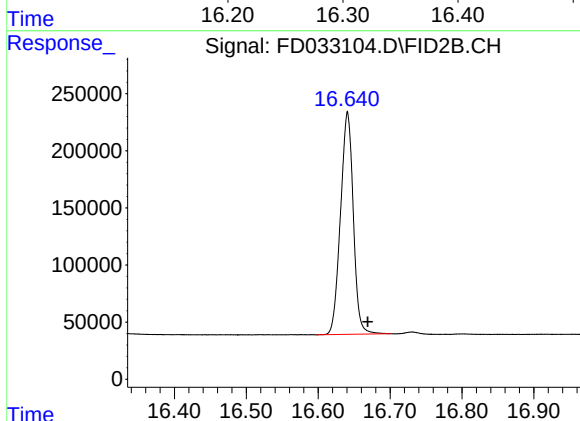
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.293 min
Delta R.T.: -0.034 min
Response: 2419082
Conc: 17.58 ug/ml

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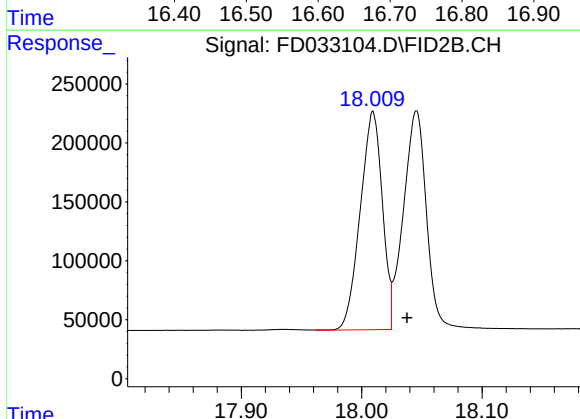
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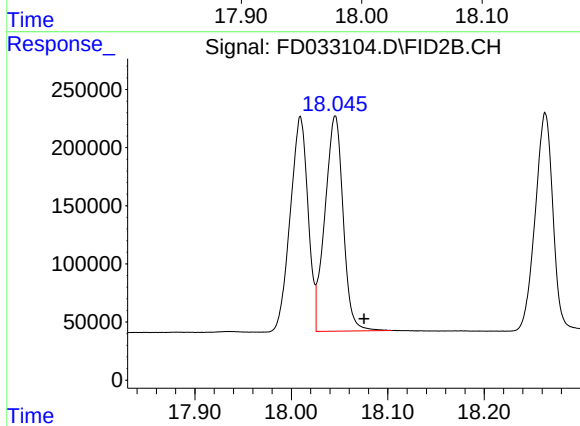
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.641 min
Delta R.T.: -0.028 min
Response: 2401127
Conc: 18.13 ug/ml



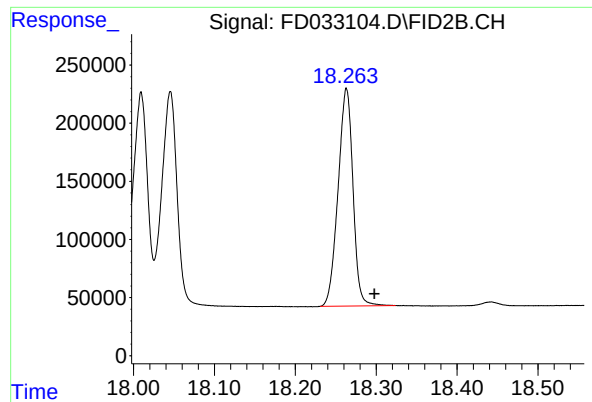
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.009 min
Delta R.T.: -0.029 min
Response: 2364402
Conc: 19.59 ug/ml m



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

R.T.: 18.046 min
Delta R.T.: -0.030 min
Response: 2437306
Conc: 19.46 ug/ml



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

R.T.: 18.263 min
Delta R.T.: -0.035 min
Response: 2396011
Conc: 19.80 ug/ml

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