

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042320AR\
 Data File : FD033194.D
 Signal(s) : FID2B.CH
 Acq On : 24 Apr 2020 19:46
 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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 4/27/2020 1:50:24 PM

Integration File: autoint1.e
 Quant Time: Apr 25 01:09:58 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...	7.594	2921463	19.912 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
6) S 2-Fluorobiphenyl (SURR)	8.456	1897784	19.453 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.91%
11) S ortho-Terphenyl (SURR)	11.489	2969005	18.578 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.400	3298761	21.237 ug/mlm
2) T Naphthalene (C11.7)	5.936	3299670	20.223 ug/ml
3) T 2-Methylnaphthalene (...)	6.986	3219064	19.948 ug/ml
5) T Acenaphthylene (C15.06)	8.258	3005382	19.428 ug/ml
7) T Acenaphthene (C15.5)	8.553	3146912	19.557 ug/ml
8) T Flouorene (C16.55)	9.332	3005260	19.331 ug/ml
9) T Phenanthrene (C19.36)	10.727	2878803	18.378 ug/ml
10) T Anthracene (C19.43)	10.802	2686603	17.639 ug/ml
12) T Fluoranthene (C21.85)	12.538	2810777	17.835 ug/ml
13) T Pyrene (C20.8)	12.835	2784826	17.833 ug/ml
14) T Benzo[a]anthracene (C...	14.706	2702771	18.987 ug/mlm
15) T Chrysene (C27.41)	14.748	2784124	18.869 ug/ml
16) T benzo[b]fluoranthene ...	16.258	2865564	20.996 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.290	2809246	20.411 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.638	2787333	21.041 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.008	2833275	23.473 ug/mlm
20) T Dibenz[a,h]anthracene...	18.042	2880152	22.991 ug/ml
21) T Benzo[g,h,i]perylene ...	18.262	2763866	22.837 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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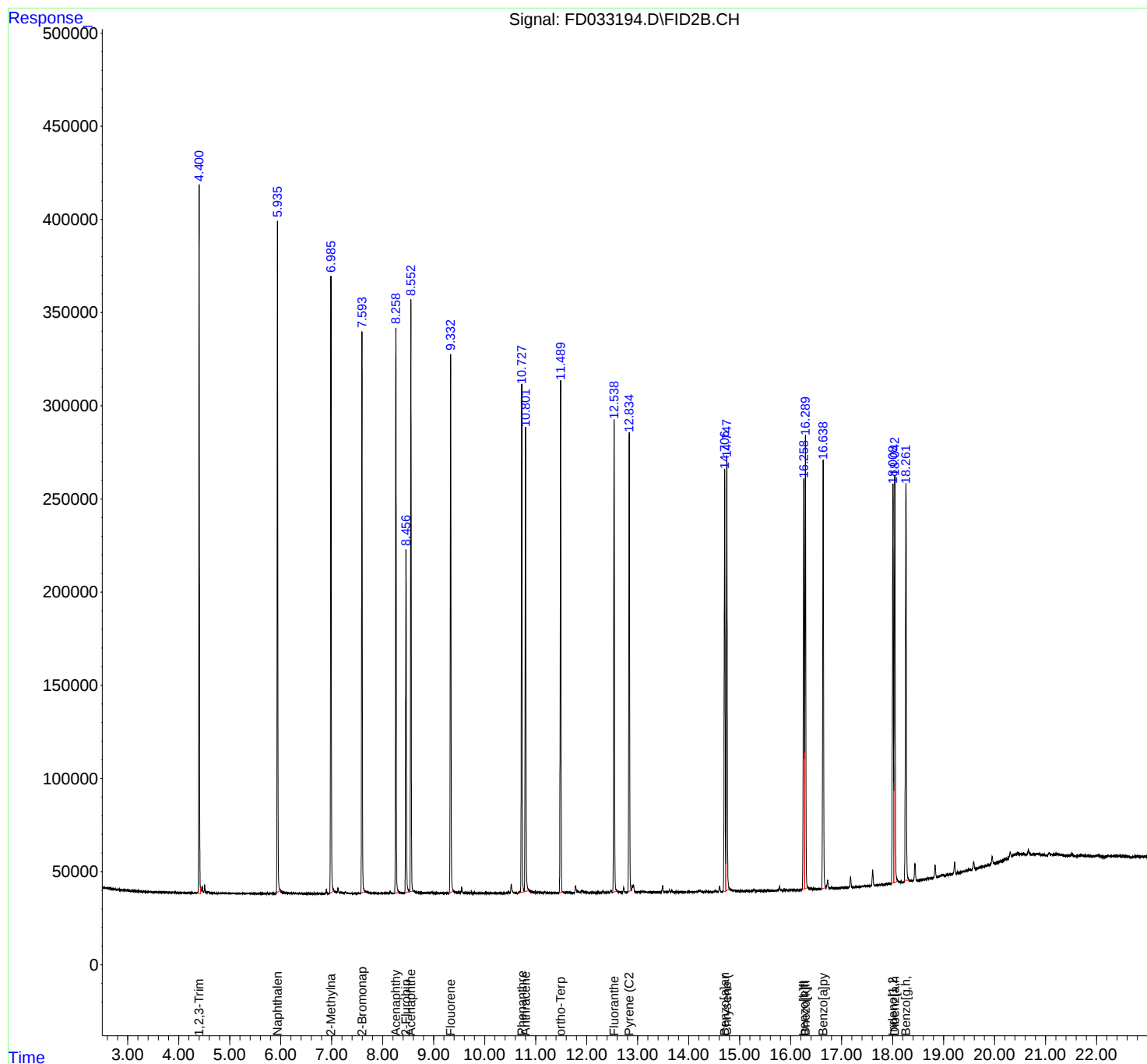
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20 PPM AROMATIC HC STD

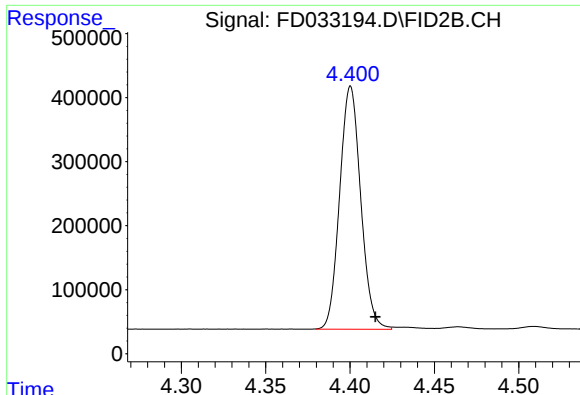
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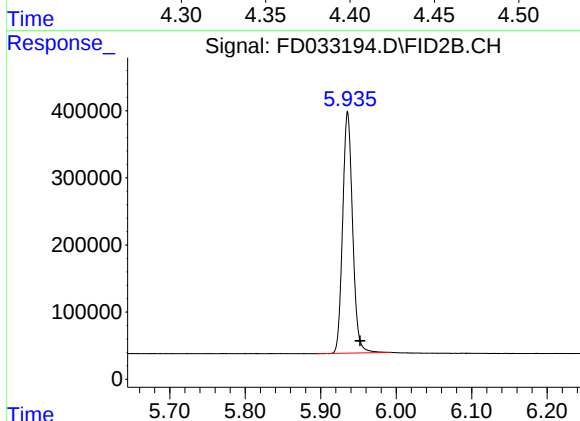
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.400 min
Delta R.T.: -0.015 min
Response: 3298761
Conc: 21.24 ug/ml m

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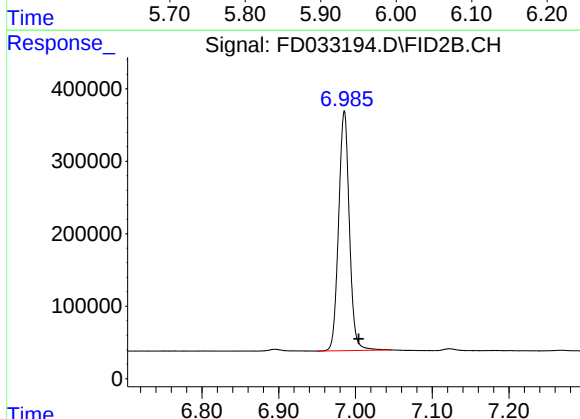
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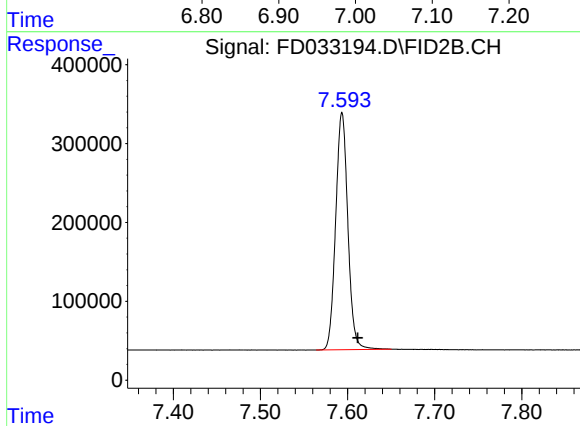
#2 Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.016 min
Response: 3299670
Conc: 20.22 ug/ml



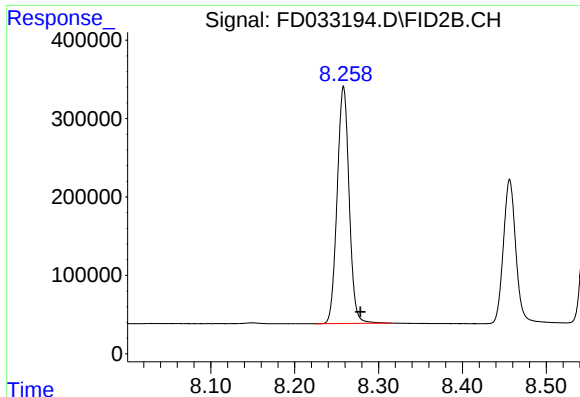
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.019 min
Response: 3219064
Conc: 19.95 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.594 min
Delta R.T.: -0.018 min
Response: 2921463
Conc: 19.91 ug/ml



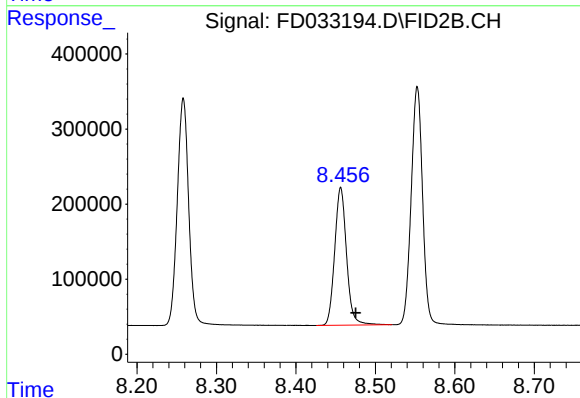
#5 Acenaphthylene (C15.06)

R.T.: 8.258 min
Delta R.T.: -0.020 min
Response: 3005382
Conc: 19.43 ug/ml

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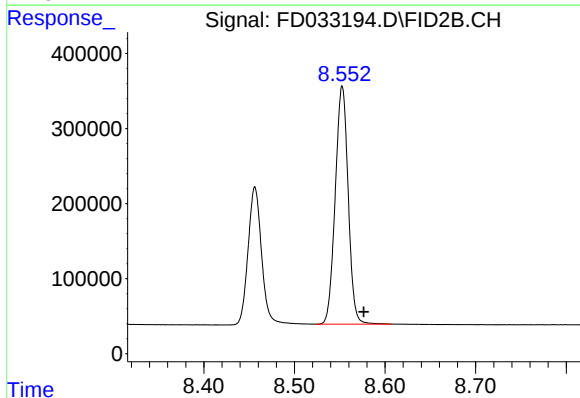
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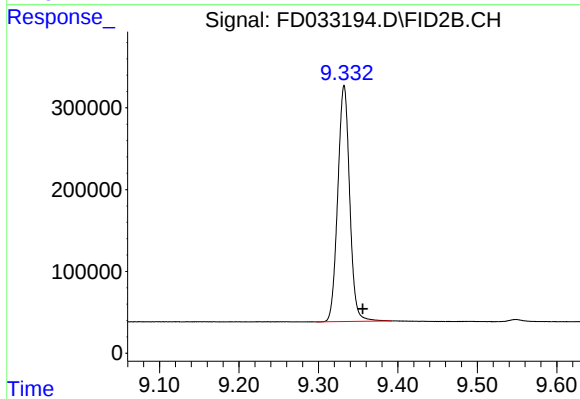
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: -0.019 min
Response: 1897784
Conc: 19.45 ug/ml



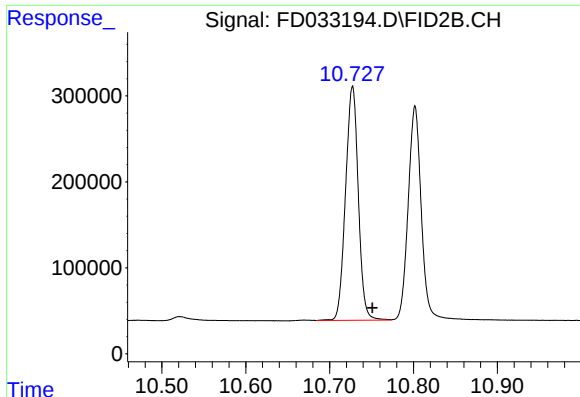
#7 Acenaphthene (C15.5)

R.T.: 8.553 min
Delta R.T.: -0.024 min
Response: 3146912
Conc: 19.56 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.332 min
Delta R.T.: -0.023 min
Response: 3005260
Conc: 19.33 ug/ml



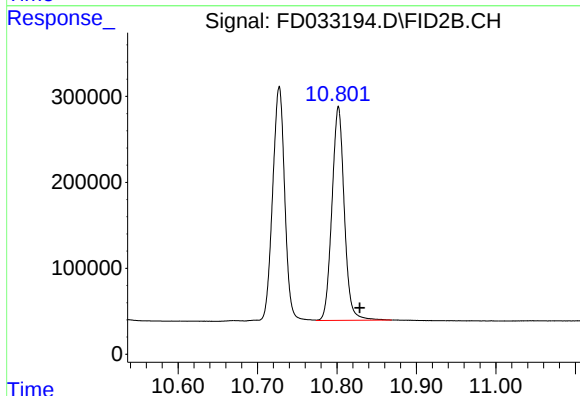
#9 Phenanthrene (C19.36)

R.T.: 10.727 min
Delta R.T.: -0.024 min
Response: 2878803
Conc: 18.38 ug/ml

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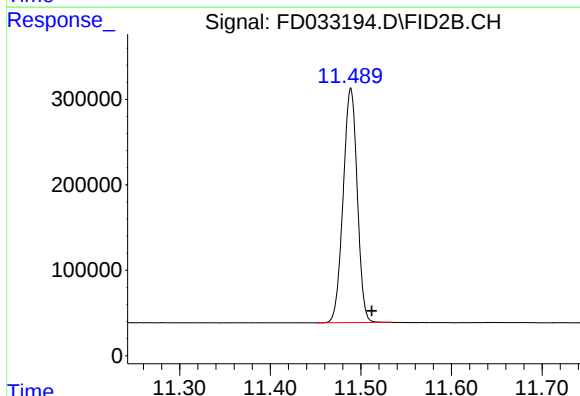
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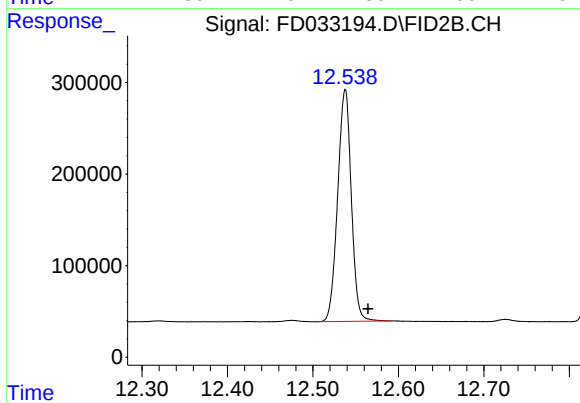
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: -0.027 min
Response: 2686603
Conc: 17.64 ug/ml



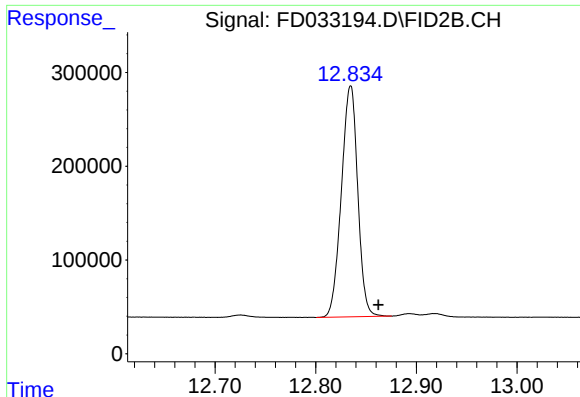
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.023 min
Response: 2969005
Conc: 18.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.538 min
Delta R.T.: -0.027 min
Response: 2810777
Conc: 17.84 ug/ml



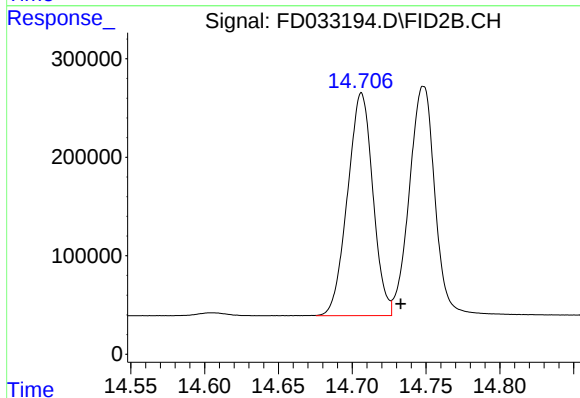
#13 Pyrene (C20.8)

R.T.: 12.835 min
Delta R.T.: -0.028 min
Response: 2784826
Conc: 17.83 ug/ml

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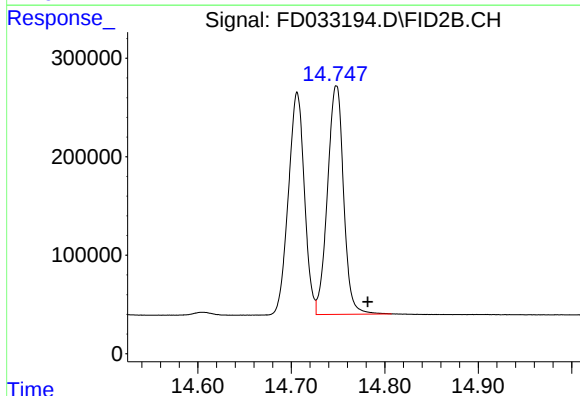
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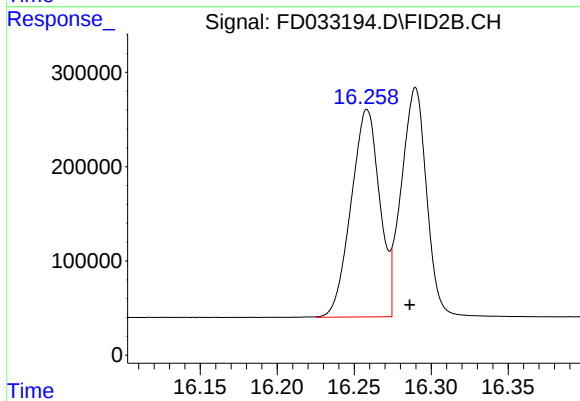
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.706 min
Delta R.T.: -0.027 min
Response: 2702771
Conc: 18.99 ug/ml m



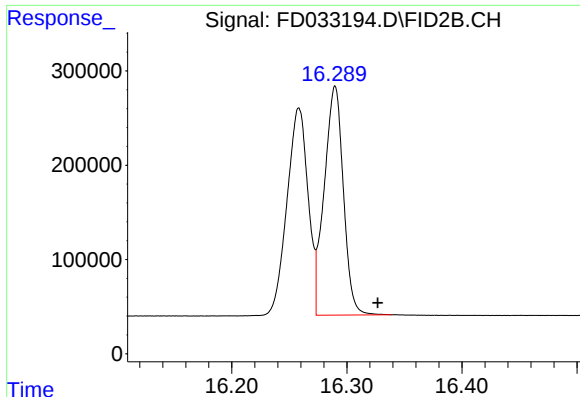
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: -0.033 min
Response: 2784124
Conc: 18.87 ug/ml



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

R.T.: 16.258 min
Delta R.T.: -0.028 min
Response: 2865564
Conc: 21.00 ug/ml m



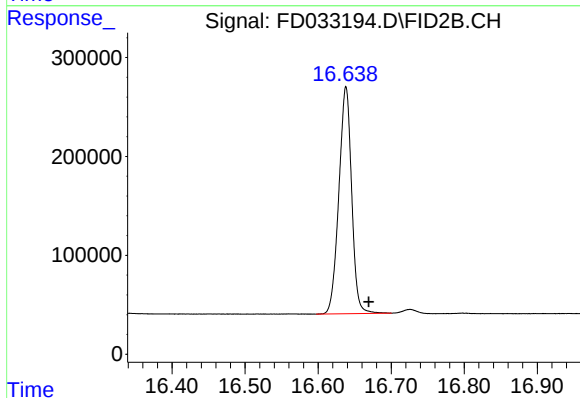
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.290 min
Delta R.T.: -0.037 min
Response: 2809246
Conc: 20.41 ug/ml

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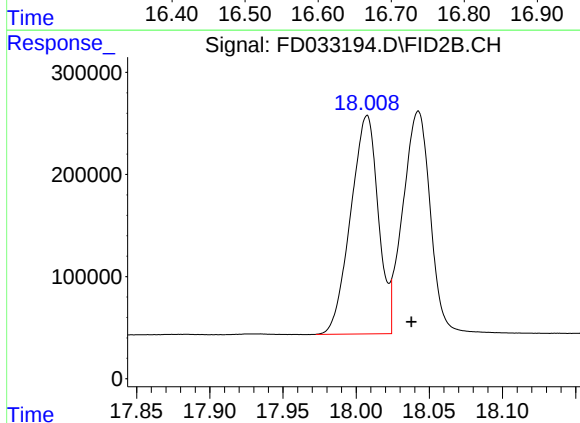
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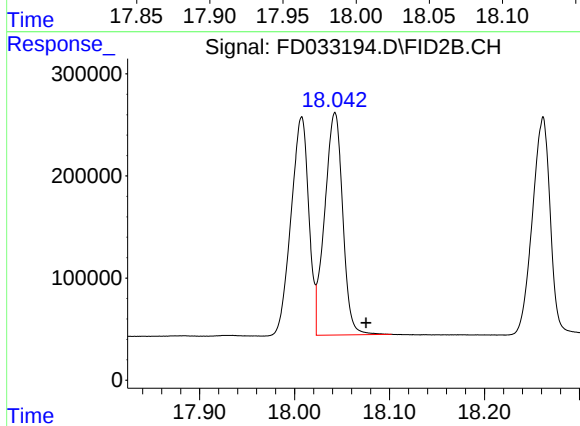
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.638 min
Delta R.T.: -0.031 min
Response: 2787333
Conc: 21.04 ug/ml



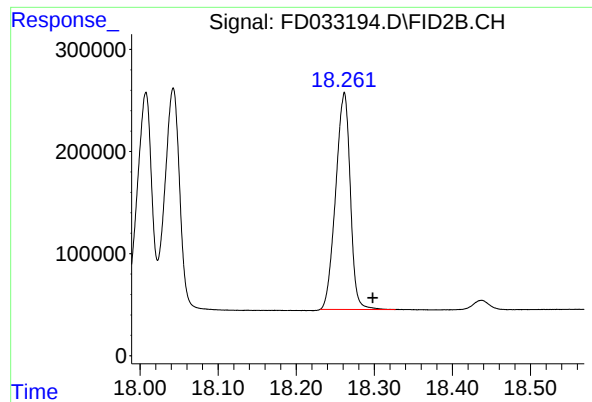
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.008 min
Delta R.T.: -0.030 min
Response: 2833275
Conc: 23.47 ug/ml m



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

R.T.: 18.042 min
Delta R.T.: -0.033 min
Response: 2880152
Conc: 22.99 ug/ml



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

R.T.: 18.262 min
Delta R.T.: -0.036 min
Response: 2763866
Conc: 22.84 ug/ml

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