

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042920AR\
 Data File : FD033268.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2020 9:10
 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

mohammad
 4/30/2020 8:20:45 AM

Integration File: autoint1.e
 Quant Time: Apr 29 12:20:35 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...	7.592	2439482	16.627 ug/ml
Spiked Amount 50.000		Recovery =	33.25%
6) S 2-Fluorobiphenyl (SURR)	8.455	1587752	16.275 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.55%
11) S ortho-Terphenyl (SURR)	11.487	2509857	15.705 ug/ml
Spiked Amount 50.000		Recovery =	31.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.399	2745962	17.678 ug/mlm
2) T Naphthalene (C11.7)	5.935	2742444	16.808 ug/ml
3) T 2-Methylnaphthalene (...)	6.984	2663823	16.508 ug/ml
5) T Acenaphthylene (C15.06)	8.257	2494672	16.127 ug/ml
7) T Acenaphthene (C15.5)	8.551	2631303	16.352 ug/ml
8) T Flouorene (C16.55)	9.331	2498840	16.073 ug/ml
9) T Phenanthrene (C19.36)	10.726	2390942	15.264 ug/ml
10) T Anthracene (C19.43)	10.800	2181481	14.322 ug/ml
12) T Fluoranthene (C21.85)	12.535	2384656	15.131 ug/ml
13) T Pyrene (C20.8)	12.832	2376266	15.217 ug/ml
14) T Benzo[a]anthracene (C...	14.704	2274634	15.979 ug/mlm
15) T Chrysene (C27.41)	14.746	2367868	16.048 ug/ml
16) T benzo[b]fluoranthene ...	16.256	2303258	16.876 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.288	2403198	17.461 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.636	2362770	17.836 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.005	2306516	19.109 ug/mlm
20) T Dibenz[a,h]anthracene...	18.040	2399572	19.155 ug/ml
21) T Benzo[g,h,i]perylene ...	18.259	2321537	19.182 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

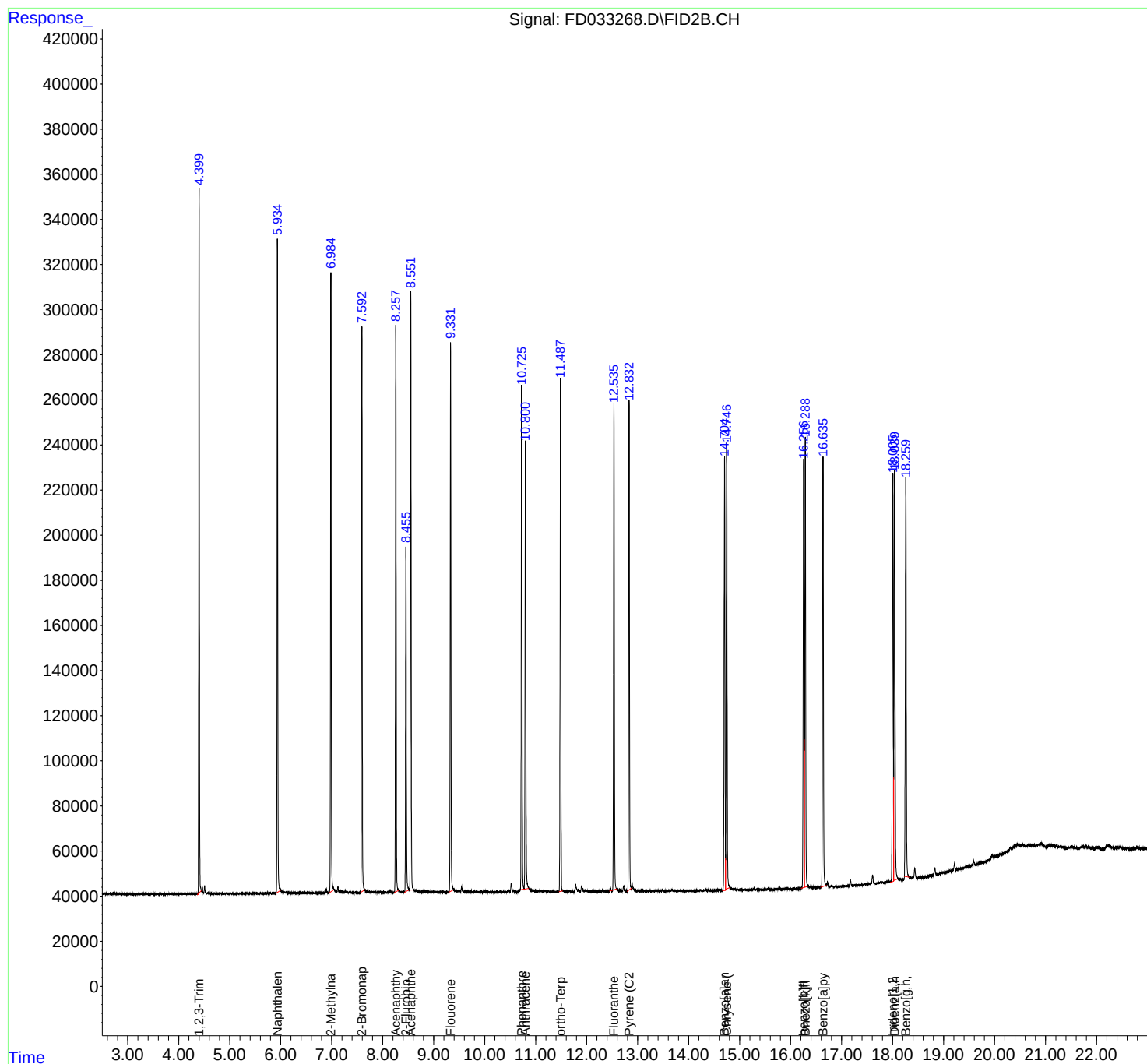
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20 PPM AROMATIC HC STD

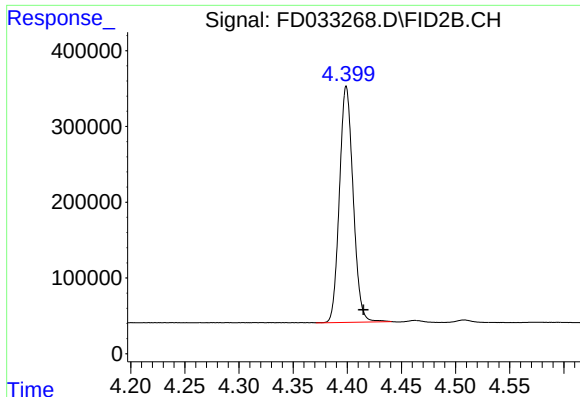
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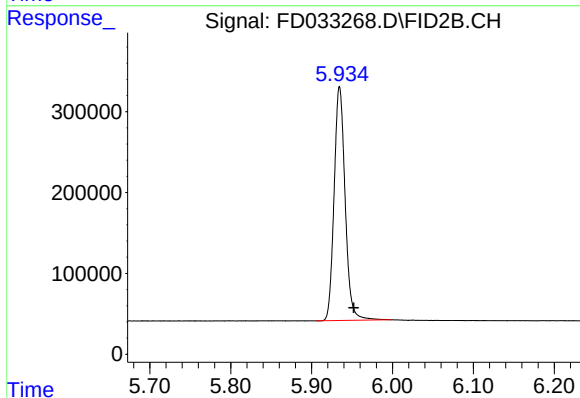
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.399 min
Delta R.T.: -0.016 min
Response: 2745962
Conc: 17.68 ug/ml m

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20 PPM AROMATIC HC STD

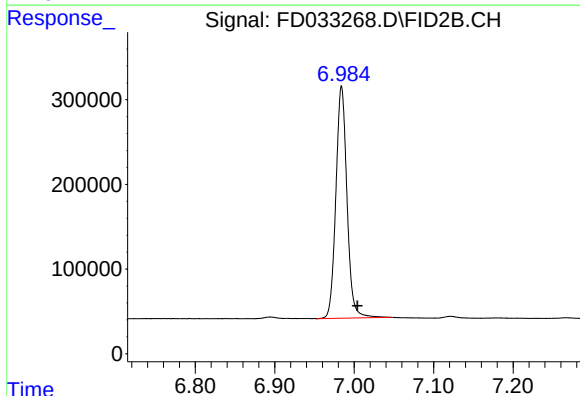
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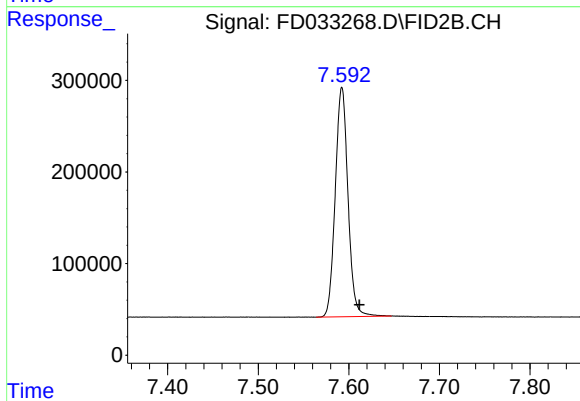
#2 Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.018 min
Response: 2742444
Conc: 16.81 ug/ml



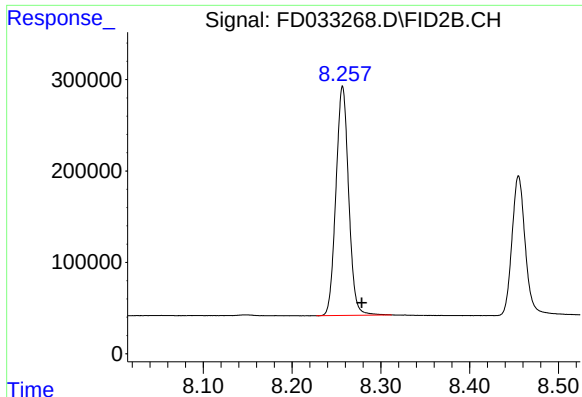
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: -0.020 min
Response: 2663823
Conc: 16.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.592 min
Delta R.T.: -0.019 min
Response: 2439482
Conc: 16.63 ug/ml



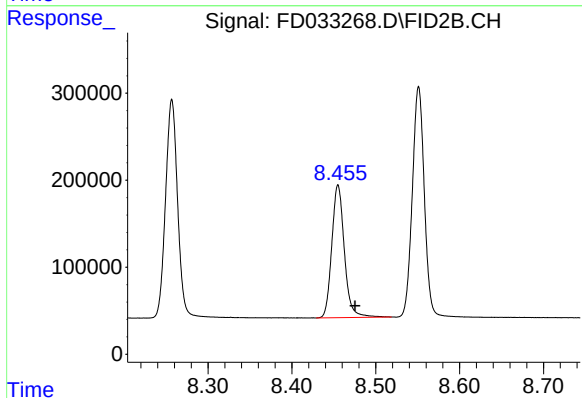
#5 Acenaphthylene (C15.06)

R.T.: 8.257 min
Delta R.T.: -0.022 min
Response: 2494672
Conc: 16.13 ug/ml

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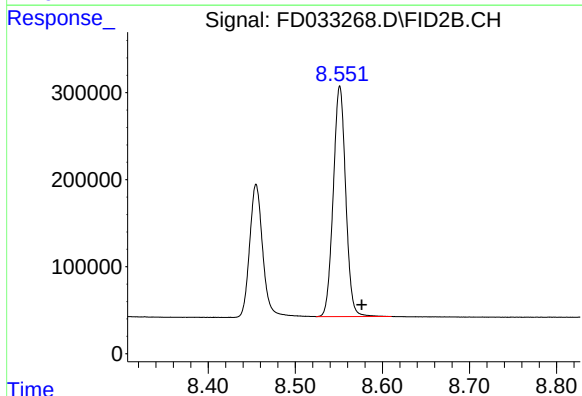
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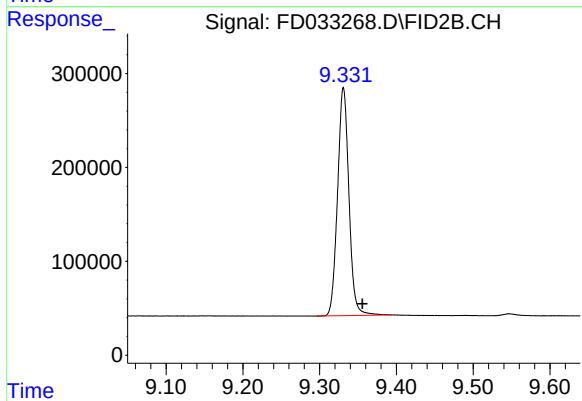
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.455 min
Delta R.T.: -0.020 min
Response: 1587752
Conc: 16.27 ug/ml



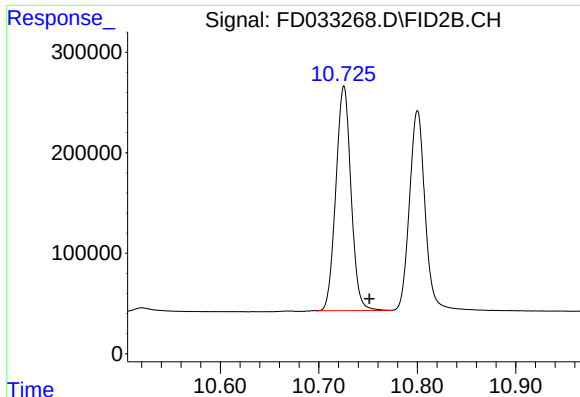
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: -0.025 min
Response: 2631303
Conc: 16.35 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.331 min
Delta R.T.: -0.025 min
Response: 2498840
Conc: 16.07 ug/ml



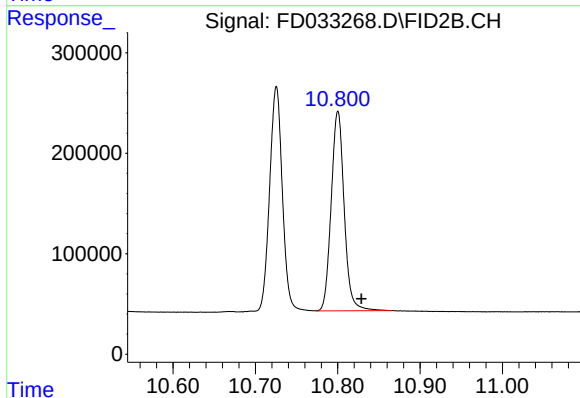
#9 Phenanthrene (C19.36)

R.T.: 10.726 min
Delta R.T.: -0.026 min
Response: 2390942
Conc: 15.26 ug/ml

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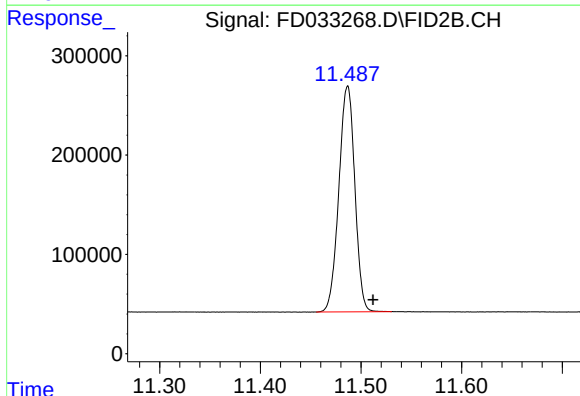
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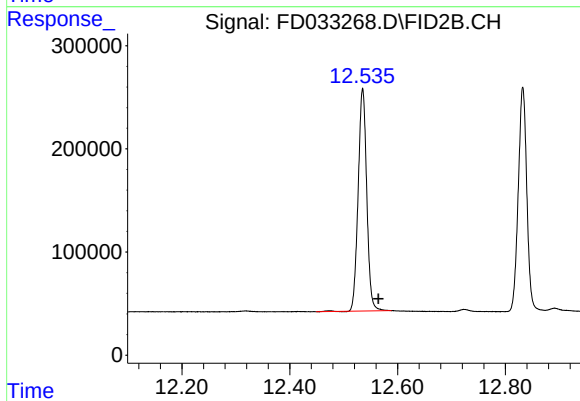
#10 Anthracene (C19.43)

R.T.: 10.800 min
Delta R.T.: -0.028 min
Response: 2181481
Conc: 14.32 ug/ml



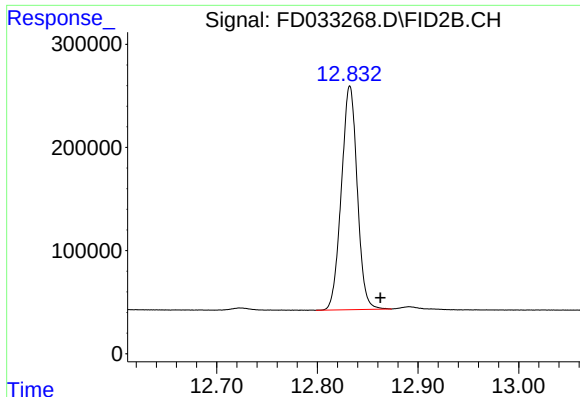
#11 ortho-Terphenyl (SURR)

R.T.: 11.487 min
Delta R.T.: -0.025 min
Response: 2509857
Conc: 15.70 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.535 min
Delta R.T.: -0.029 min
Response: 2384656
Conc: 15.13 ug/ml



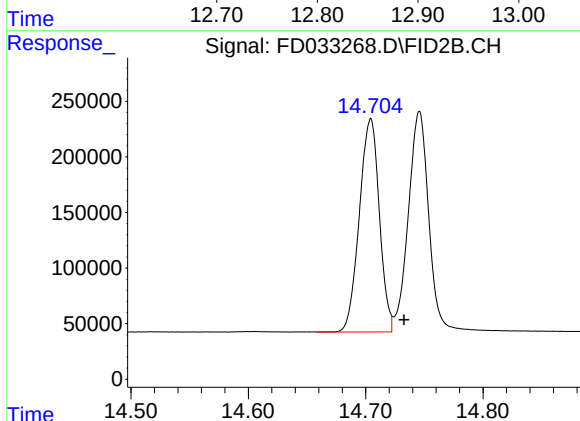
#13 Pyrene (C20.8)

R.T.: 12.832 min
Delta R.T.: -0.030 min
Response: 2376266
Conc: 15.22 ug/ml

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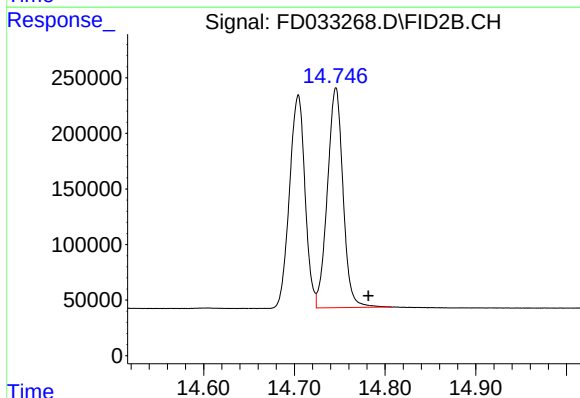
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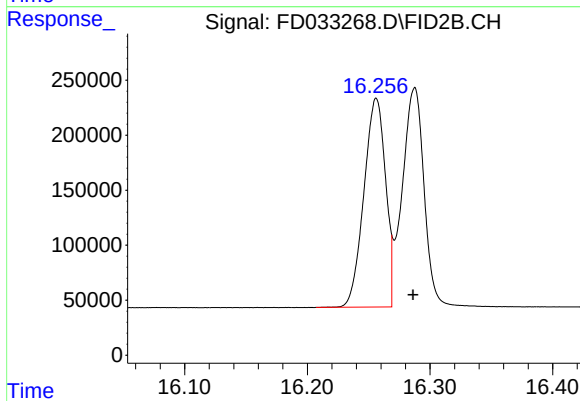
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.704 min
Delta R.T.: -0.029 min
Response: 2274634
Conc: 15.98 ug/ml m



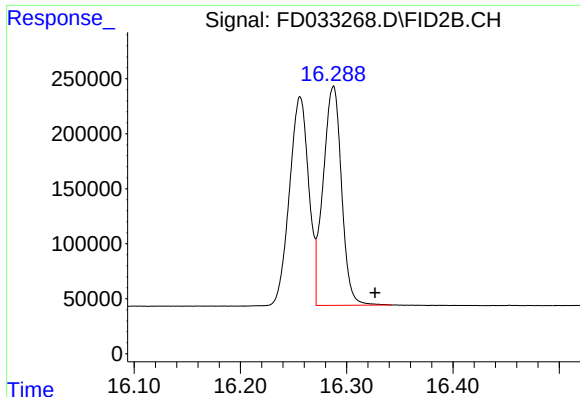
#15 Chrysene (C27.41)

R.T.: 14.746 min
Delta R.T.: -0.036 min
Response: 2367868
Conc: 16.05 ug/ml



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

R.T.: 16.256 min
Delta R.T.: -0.030 min
Response: 2303258
Conc: 16.88 ug/ml m



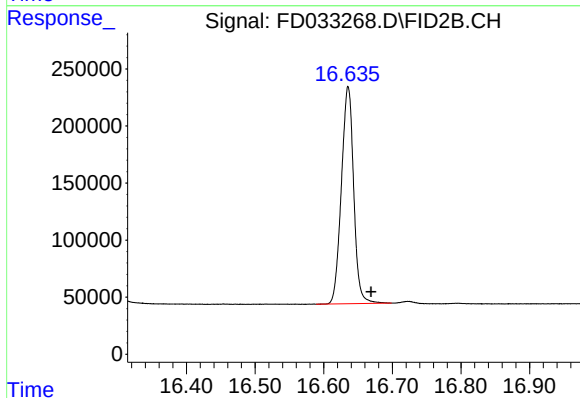
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.288 min
Delta R.T.: -0.039 min
Response: 2403198
Conc: 17.46 ug/ml

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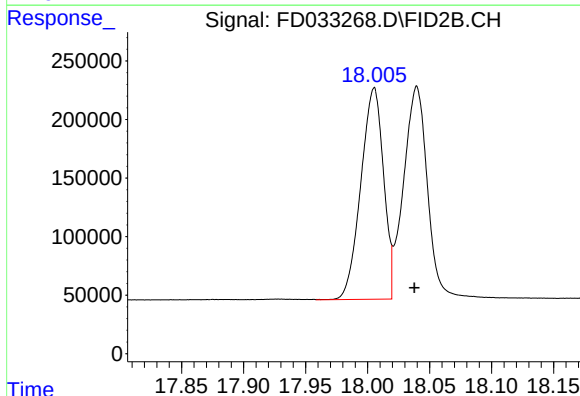
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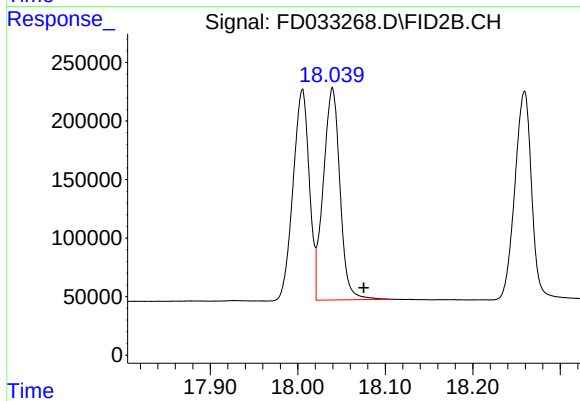
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.636 min
Delta R.T.: -0.033 min
Response: 2362770
Conc: 17.84 ug/ml



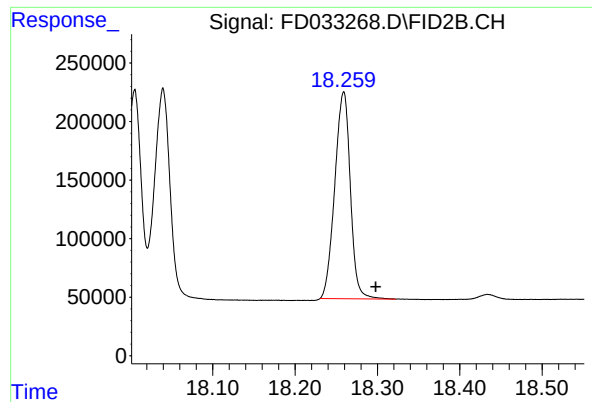
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.005 min
Delta R.T.: -0.032 min
Response: 2306516
Conc: 19.11 ug/ml m



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

R.T.: 18.040 min
Delta R.T.: -0.036 min
Response: 2399572
Conc: 19.15 ug/ml



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

R.T.: 18.259 min
Delta R.T.: -0.039 min
Response: 2321537
Conc: 19.18 ug/ml

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