

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042320AR\
 Data File : FD033162.D
 Signal(s) : FID2B.CH
 Acq On : 23 Apr 2020 23:49
 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
 4/27/2020 9:08:48 AM

Integration File: autoint1.e
 Quant Time: Apr 24 02:07:32 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...	7.596	2843691	19.382 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
6) S 2-Fluorobiphenyl (SURR)	8.457	1837592	18.836 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.67%
11) S ortho-Terphenyl (SURR)	11.490	2900487	18.149 ug/ml
Spiked Amount 50.000		Recovery =	36.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.401	3201896	20.613 ug/mlm
2) T Naphthalene (C11.7)	5.938	3212374	19.688 ug/ml
3) T 2-Methylnaphthalene (...)	6.987	3123861	19.358 ug/ml
5) T Acenaphthylene (C15.06)	8.260	2926984	18.921 ug/ml
7) T Acenaphthene (C15.5)	8.555	3059705	19.015 ug/ml
8) T Flouorene (C16.55)	9.334	2927979	18.834 ug/ml
9) T Phenanthrene (C19.36)	10.729	2794399	17.839 ug/ml
10) T Anthracene (C19.43)	10.803	2644352	17.361 ug/ml
12) T Fluoranthene (C21.85)	12.539	2722618	17.276 ug/ml
13) T Pyrene (C20.8)	12.835	2693722	17.250 ug/ml
14) T Benzo[a]anthracene (C...	14.707	2603081	18.287 ug/mlm
15) T Chrysene (C27.41)	14.749	2679757	18.161 ug/ml
16) T benzo[b]fluoranthene ...	16.259	2737085	20.054 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.291	2708011	19.676 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.639	2685597	20.273 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.008	2662077	22.055 ug/mlm
20) T Dibenz[a,h]anthracene...	18.044	2761755	22.046 ug/ml
21) T Benzo[g,h,i]perylene ...	18.263	2679815	22.142 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

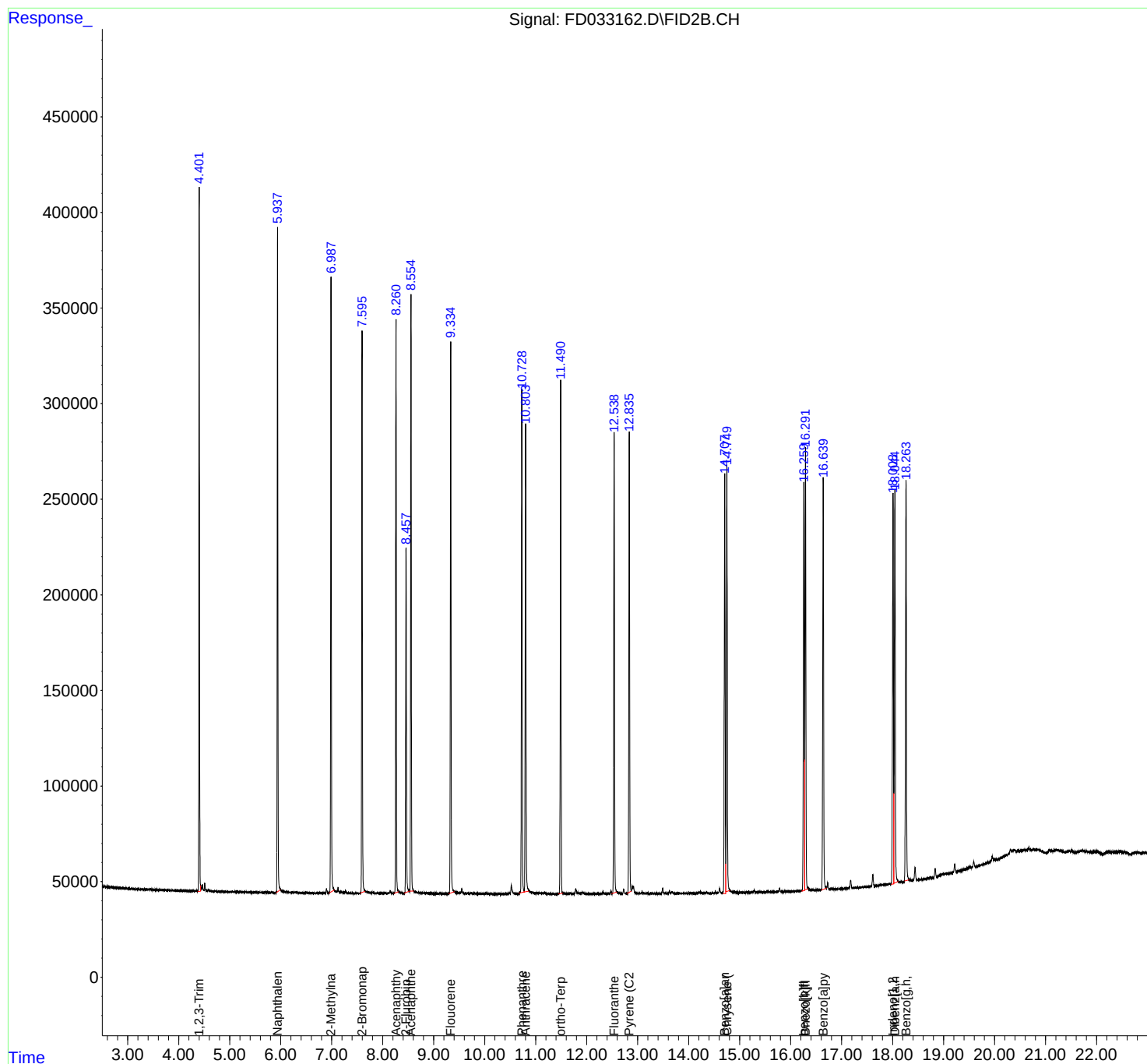
Instrument :
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20 PPM AROMATIC HC STD

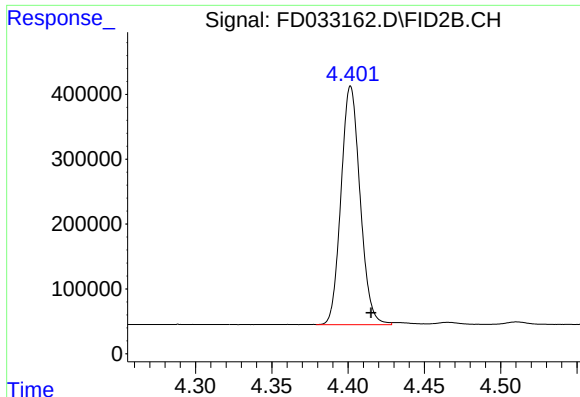
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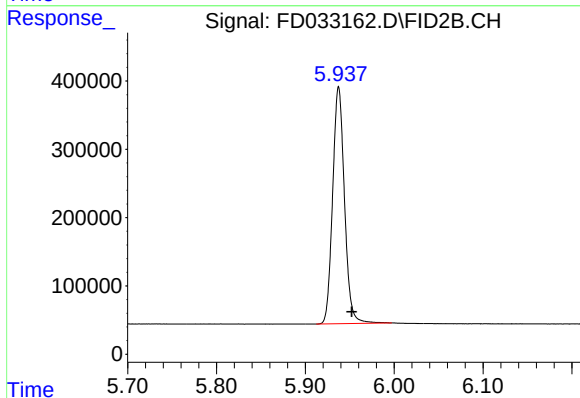
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.401 min
Delta R.T.: -0.014 min
Response: 3201896
Conc: 20.61 ug/ml m

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20 PPM AROMATIC HC STD

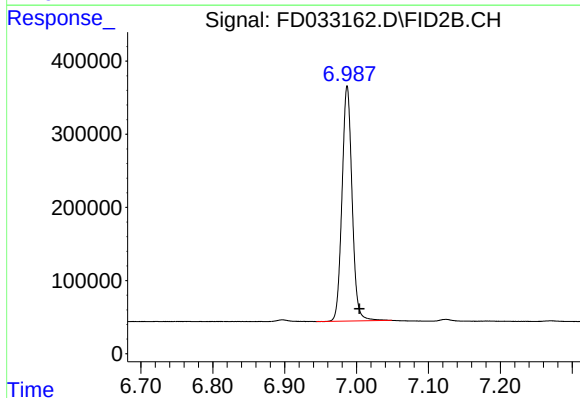
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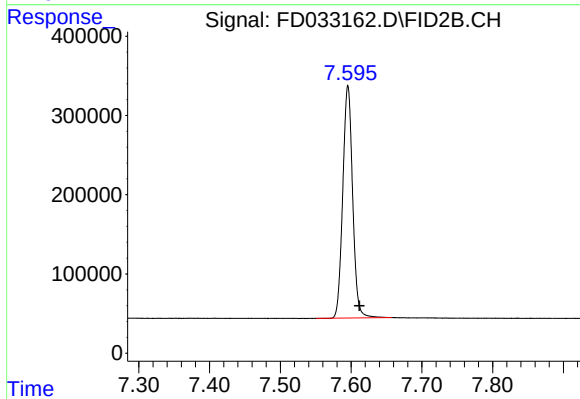
#2 Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.015 min
Response: 3212374
Conc: 19.69 ug/ml



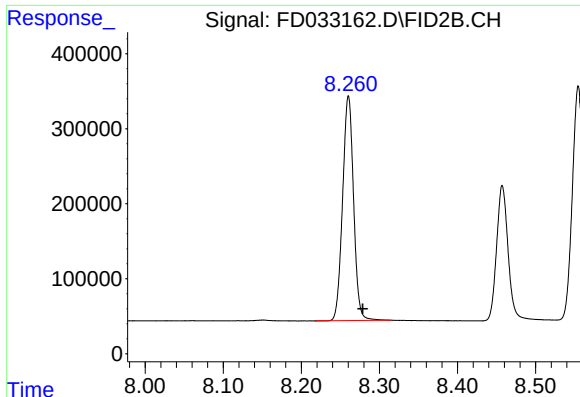
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: -0.017 min
Response: 3123861
Conc: 19.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.596 min
Delta R.T.: -0.016 min
Response: 2843691
Conc: 19.38 ug/ml



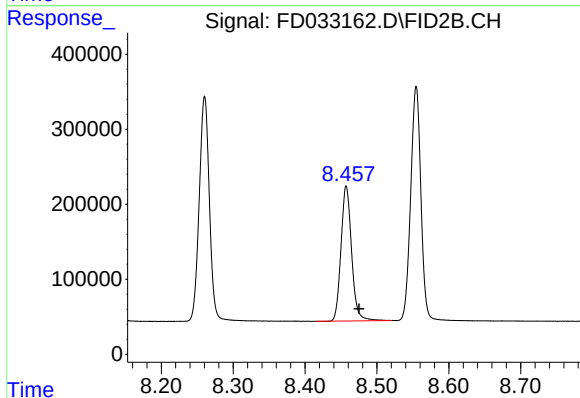
#5 Acenaphthylene (C15.06)

R.T.: 8.260 min
Delta R.T.: -0.018 min
Response: 2926984
Conc: 18.92 ug/ml

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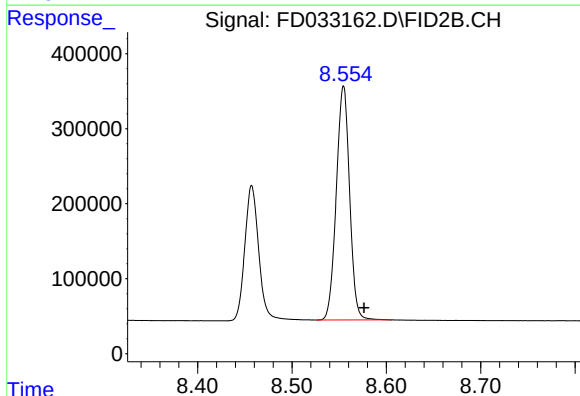
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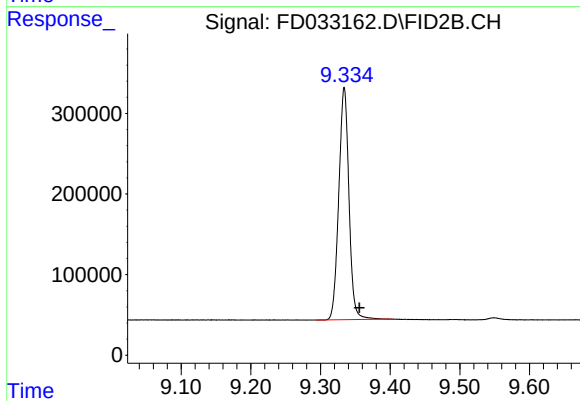
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.457 min
Delta R.T.: -0.018 min
Response: 1837592
Conc: 18.84 ug/ml



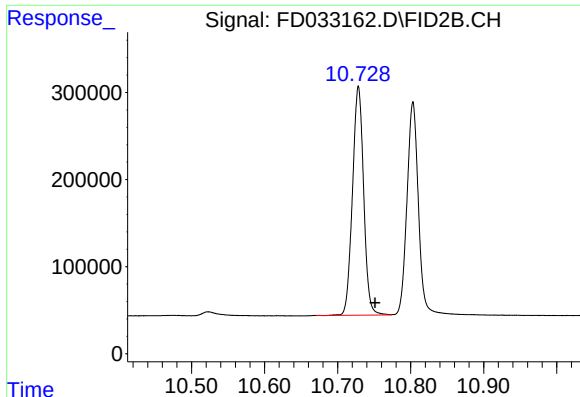
#7 Acenaphthene (C15.5)

R.T.: 8.555 min
Delta R.T.: -0.022 min
Response: 3059705
Conc: 19.01 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.334 min
Delta R.T.: -0.022 min
Response: 2927979
Conc: 18.83 ug/ml



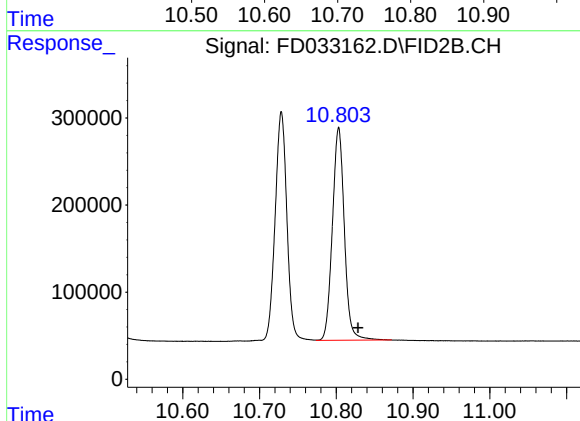
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: -0.023 min
Response: 2794399
Conc: 17.84 ug/ml

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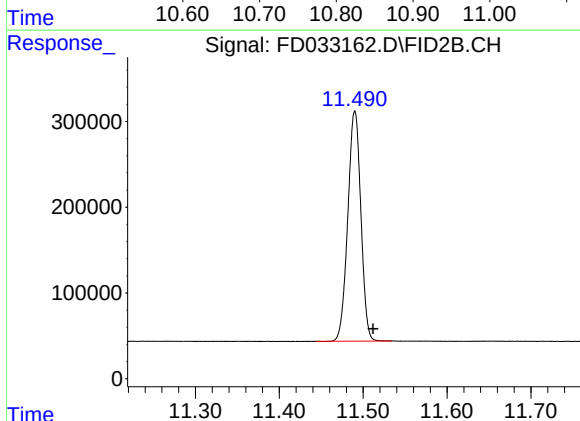
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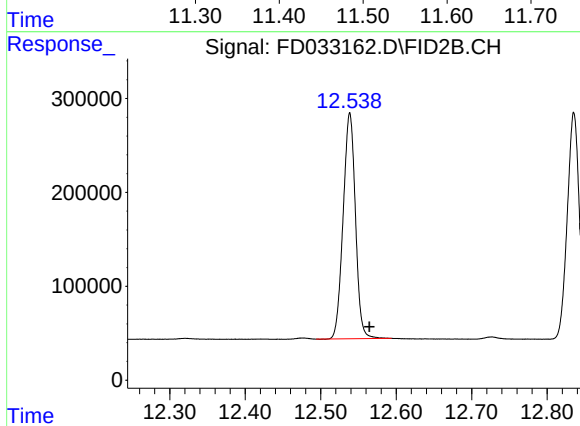
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: -0.025 min
Response: 2644352
Conc: 17.36 ug/ml



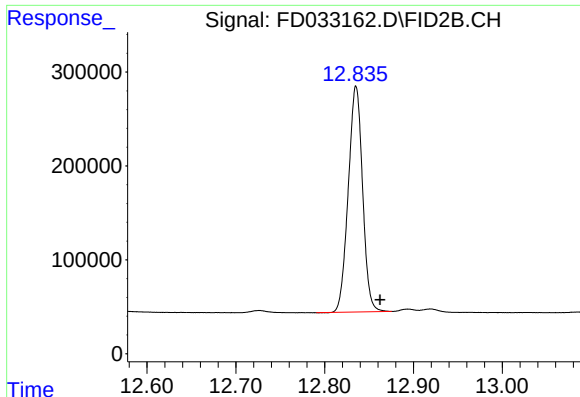
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.022 min
Response: 2900487
Conc: 18.15 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.539 min
Delta R.T.: -0.026 min
Response: 2722618
Conc: 17.28 ug/ml



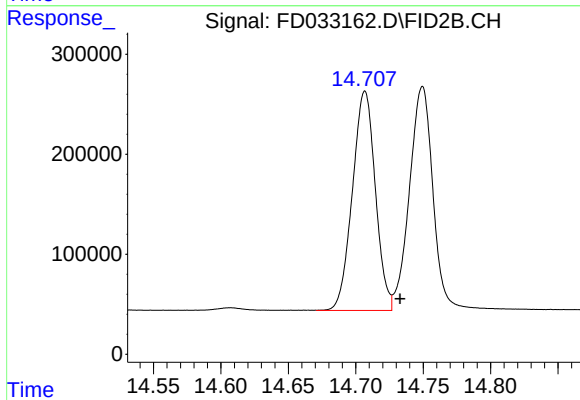
#13 Pyrene (C20.8)

R.T.: 12.835 min
Delta R.T.: -0.027 min
Response: 2693722
Conc: 17.25 ug/ml

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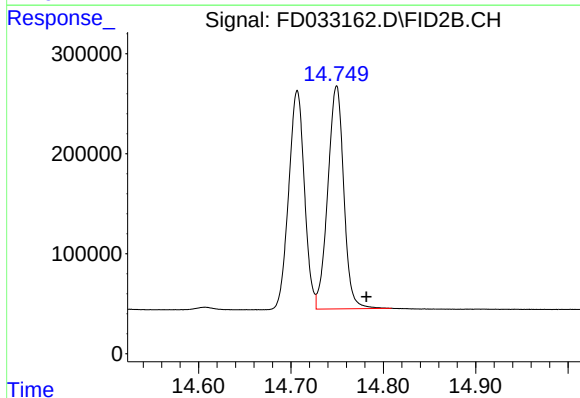
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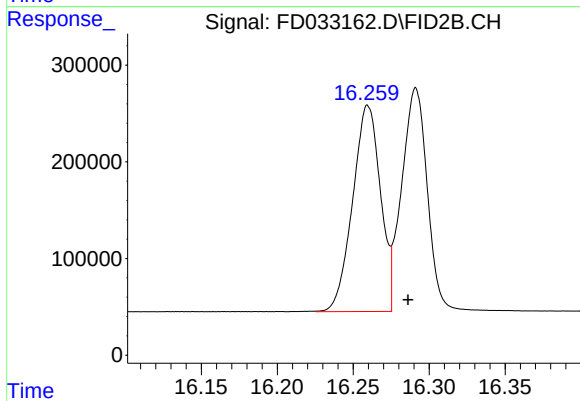
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.707 min
Delta R.T.: -0.026 min
Response: 2603081
Conc: 18.29 ug/ml m



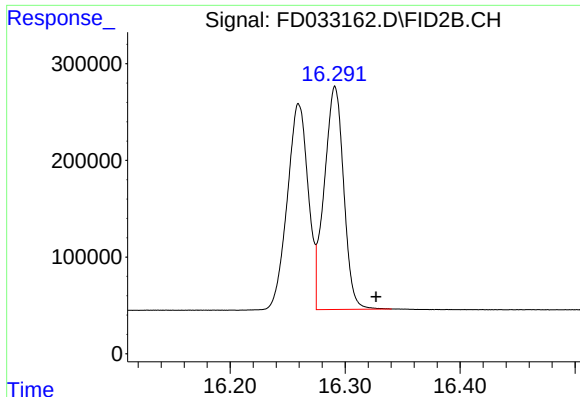
#15 Chrysene (C27.41)

R.T.: 14.749 min
Delta R.T.: -0.032 min
Response: 2679757
Conc: 18.16 ug/ml



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

R.T.: 16.259 min
Delta R.T.: -0.027 min
Response: 2737085
Conc: 20.05 ug/ml m



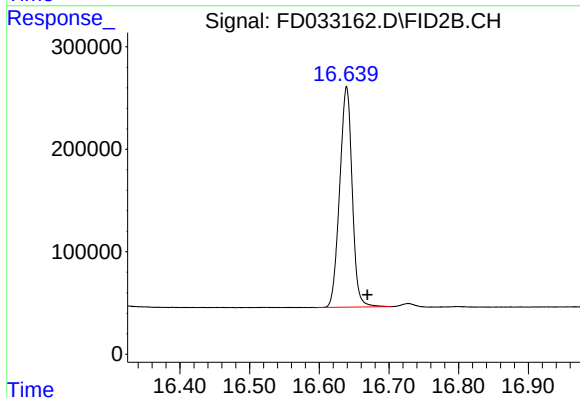
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.291 min
Delta R.T.: -0.036 min
Response: 2708011
Conc: 19.68 ug/ml

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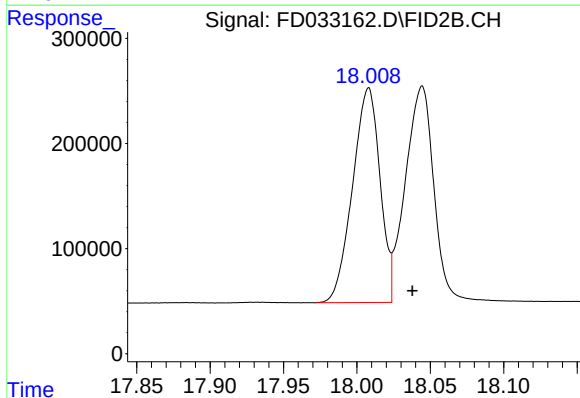
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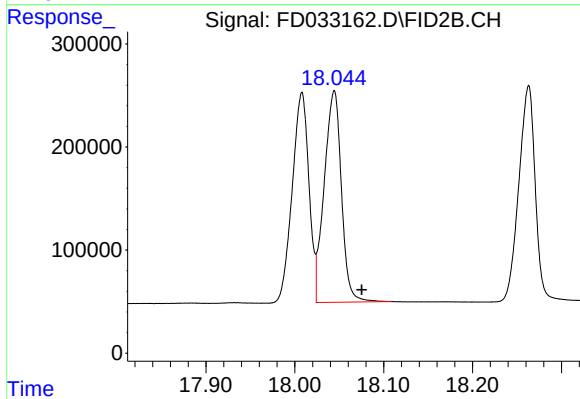
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.639 min
Delta R.T.: -0.030 min
Response: 2685597
Conc: 20.27 ug/ml



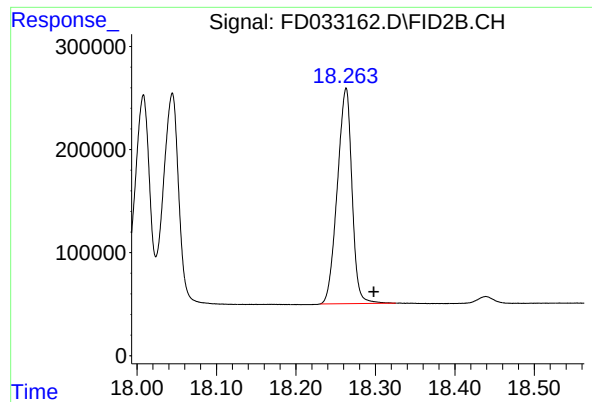
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.008 min
Delta R.T.: -0.030 min
Response: 2662077
Conc: 22.05 ug/ml m



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

R.T.: 18.044 min
Delta R.T.: -0.031 min
Response: 2761755
Conc: 22.05 ug/ml



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

R.T.: 18.263 min
Delta R.T.: -0.035 min
Response: 2679815
Conc: 22.14 ug/ml

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