

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042020AR\
 Data File : FD033070.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2020 9:22
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Sohil
 4/22/2020 4:32:19 PM

Integration File: autoint1.e
 Quant Time: Apr 21 14:01:37 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...	7.600	2397866	16.343 ug/ml
Spiked Amount 50.000		Recovery =	32.69%
6) S 2-Fluorobiphenyl (SURR)	8.463	1552266	15.911 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	31.82%
11) S ortho-Terphenyl (SURR)	11.495	2468192	15.444 ug/ml
Spiked Amount 50.000		Recovery =	30.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.405	2695889	17.356 ug/mlm
2) T Naphthalene (C11.7)	5.941	2696928	16.529 ug/ml
3) T 2-Methylnaphthalene (...)	6.991	2640018	16.360 ug/ml
5) T Acenaphthylene (C15.06)	8.265	2488509	16.087 ug/ml
7) T Acenaphthene (C15.5)	8.560	2596893	16.138 ug/ml
8) T Flouorene (C16.55)	9.339	2479772	15.951 ug/ml
9) T Phenanthrene (C19.36)	10.734	2397044	15.303 ug/ml
10) T Anthracene (C19.43)	10.809	2326170	15.272 ug/ml
12) T Fluoranthene (C21.85)	12.545	2394149	15.192 ug/mlm
13) T Pyrene (C20.8)	12.842	2345283	15.018 ug/mlm
14) T Benzo[a]anthracene (C...	14.714	2191465	15.395 ug/ml
15) T Chrysene (C27.41)	14.756	2258236	15.305 ug/ml
16) T benzo[b]fluoranthene ...	16.266	2225720	16.308 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.299	2269343	16.488 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.646	2253428	17.011 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.016	2184757	18.100 ug/mlm
20) T Dibenz[a,h]anthracene...	18.052	2259523	18.037 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	2254698	18.630 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 : 84 Sample Multiplier: 1

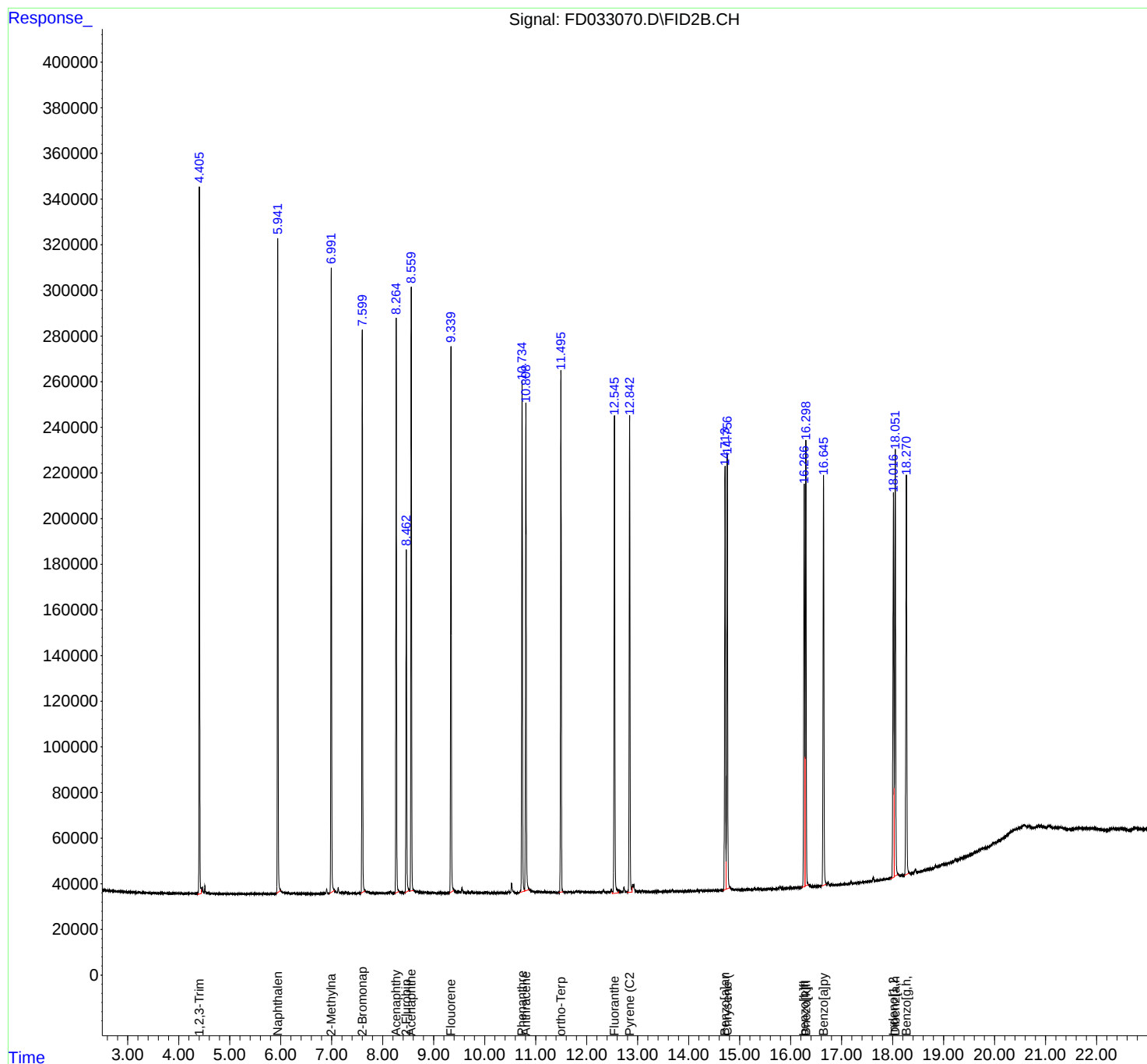
Instrument :
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20 PPM AROMATIC HC STD

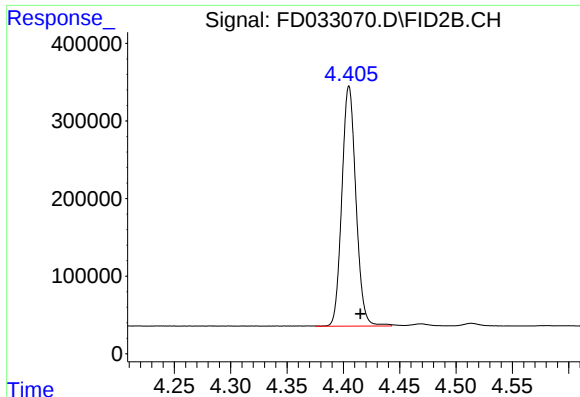
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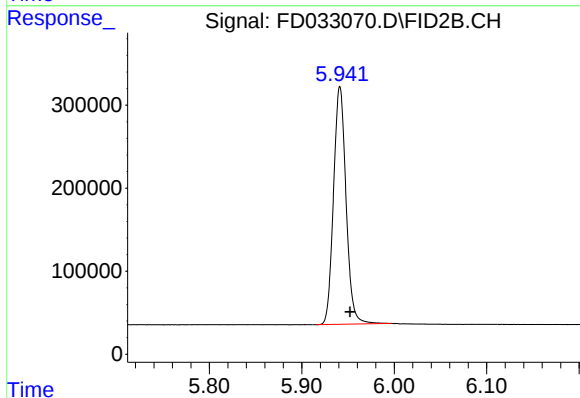
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.405 min
Delta R.T.: -0.010 min
Response: 2695889
Conc: 17.36 ug/ml m

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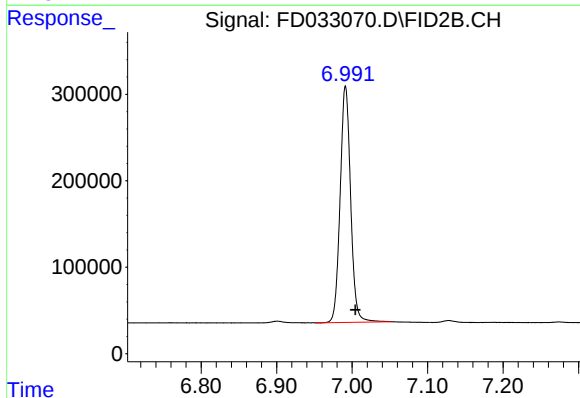
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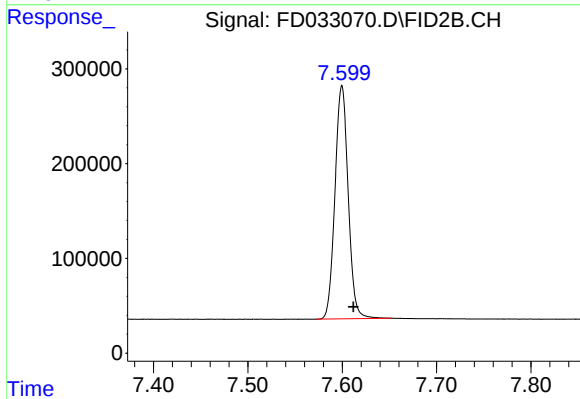
#2 Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.011 min
Response: 2696928
Conc: 16.53 ug/ml



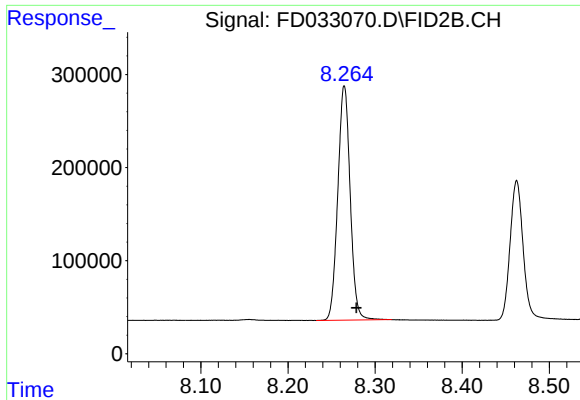
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.013 min
Response: 2640018
Conc: 16.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.600 min
Delta R.T.: -0.012 min
Response: 2397866
Conc: 16.34 ug/ml



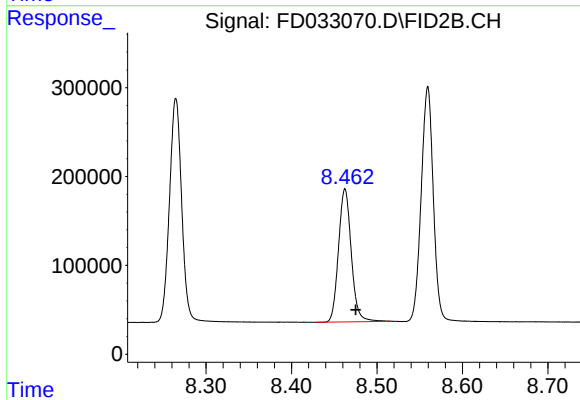
#5 Acenaphthylene (C15.06)

R.T.: 8.265 min
Delta R.T.: -0.014 min
Response: 2488509
Conc: 16.09 ug/ml

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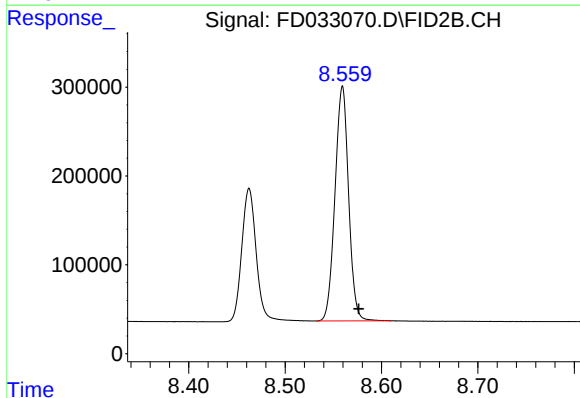
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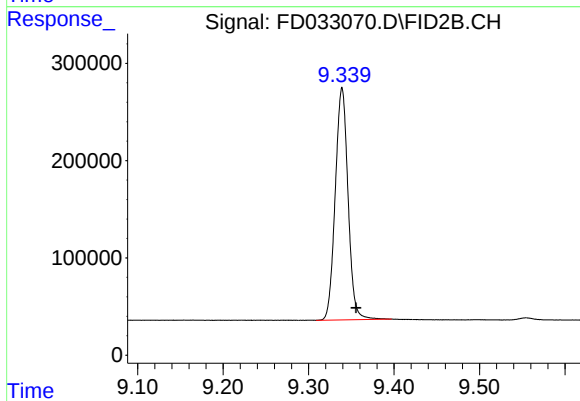
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.463 min
Delta R.T.: -0.013 min
Response: 1552266
Conc: 15.91 ug/ml



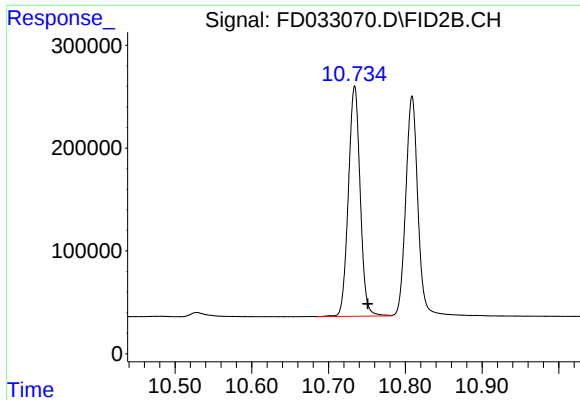
#7 Acenaphthene (C15.5)

R.T.: 8.560 min
Delta R.T.: -0.017 min
Response: 2596893
Conc: 16.14 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.339 min
Delta R.T.: -0.016 min
Response: 2479772
Conc: 15.95 ug/ml



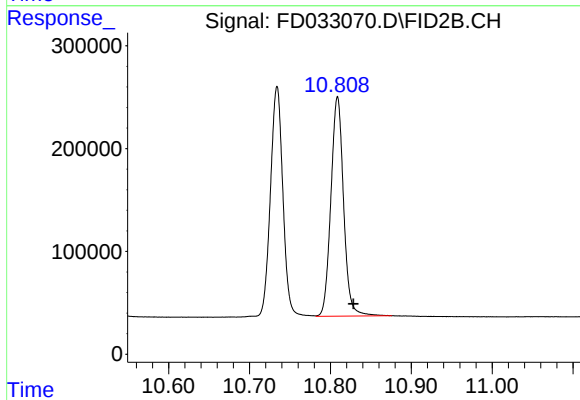
#9 Phenanthrene (C19.36)

R.T.: 10.734 min
Delta R.T.: -0.017 min
Response: 2397044
Conc: 15.30 ug/ml

Instrument :
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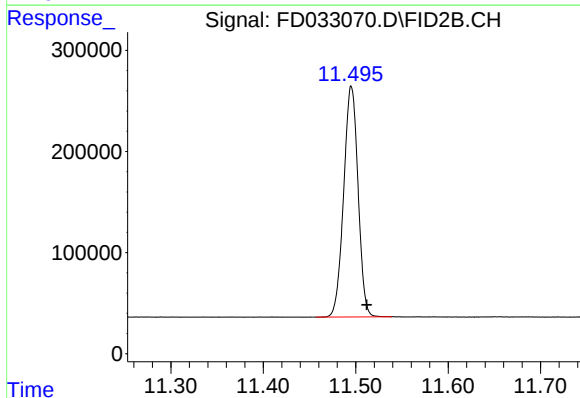
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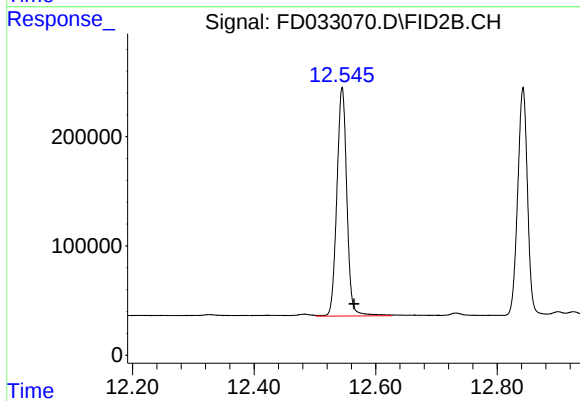
#10 Anthracene (C19.43)

R.T.: 10.809 min
Delta R.T.: -0.020 min
Response: 2326170
Conc: 15.27 ug/ml



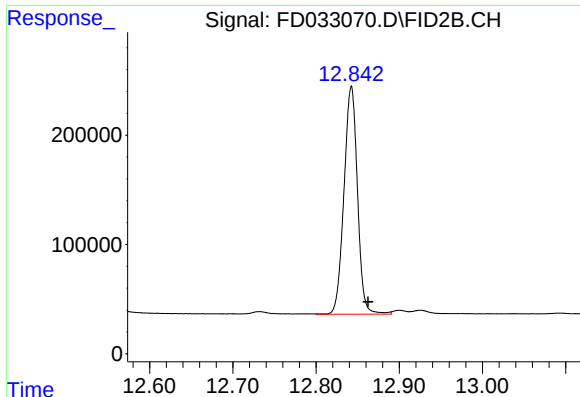
#11 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: -0.017 min
Response: 2468192
Conc: 15.44 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.545 min
Delta R.T.: -0.020 min
Response: 2394149
Conc: 15.19 ug/ml m



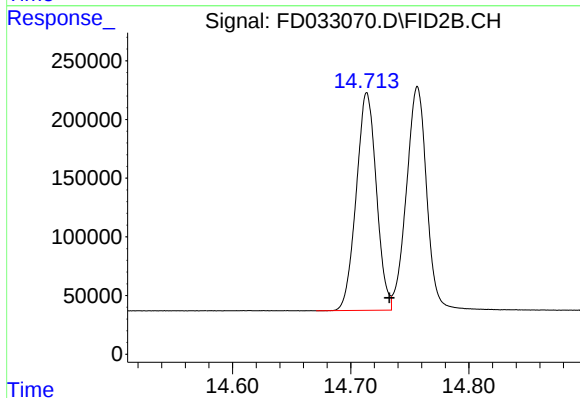
#13 Pyrene (C20.8)

R.T.: 12.842 min
Delta R.T.: -0.020 min
Response: 2345283
Conc: 15.02 ug/ml m

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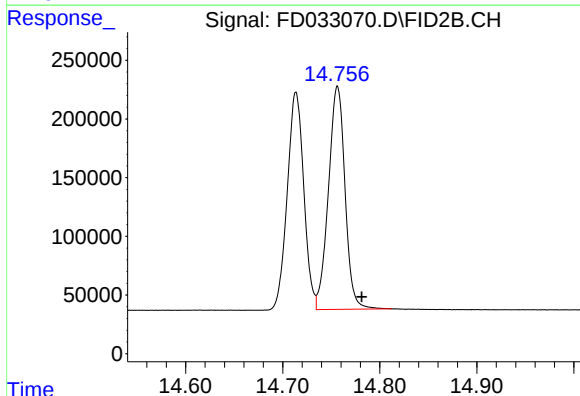
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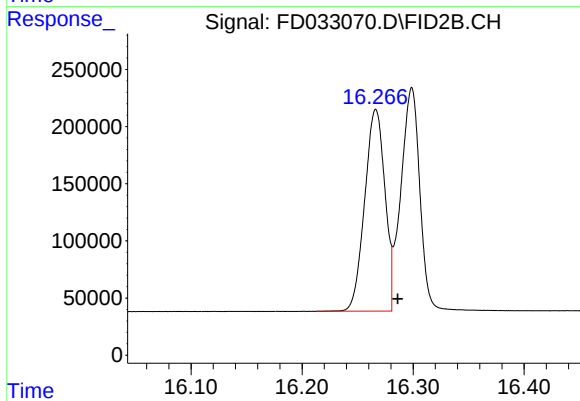
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.714 min
Delta R.T.: -0.019 min
Response: 2191465
Conc: 15.39 ug/ml



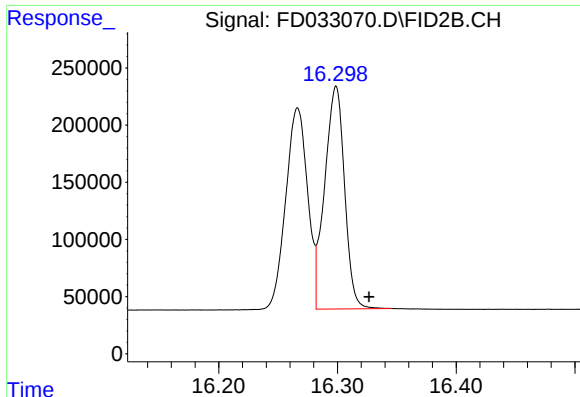
#15 Chrysene (C27.41)

R.T.: 14.756 min
Delta R.T.: -0.025 min
Response: 2258236
Conc: 15.30 ug/ml



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

R.T.: 16.266 min
Delta R.T.: -0.020 min
Response: 2225720
Conc: 16.31 ug/ml m



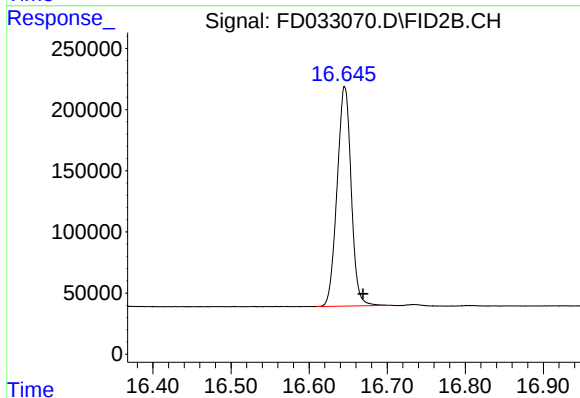
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.299 min
Delta R.T.: -0.028 min
Response: 2269343
Conc: 16.49 ug/ml

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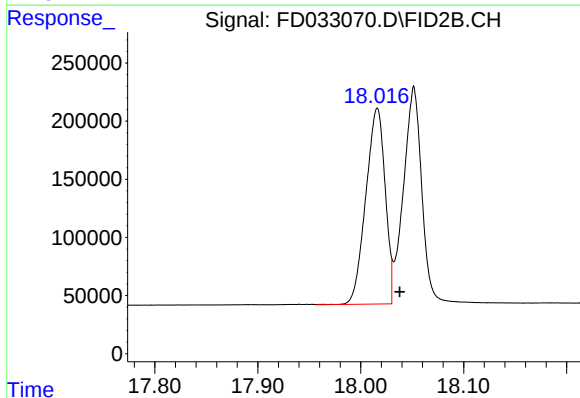
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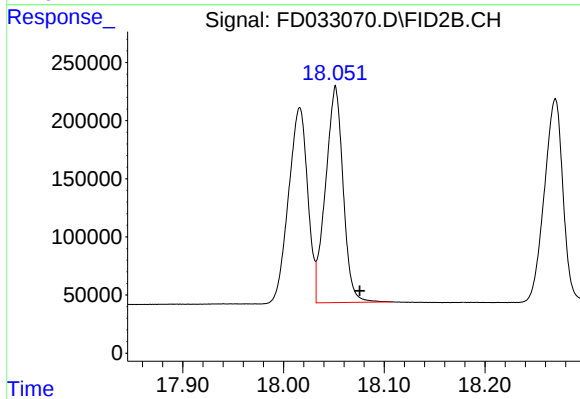
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.646 min
Delta R.T.: -0.023 min
Response: 2253428
Conc: 17.01 ug/ml



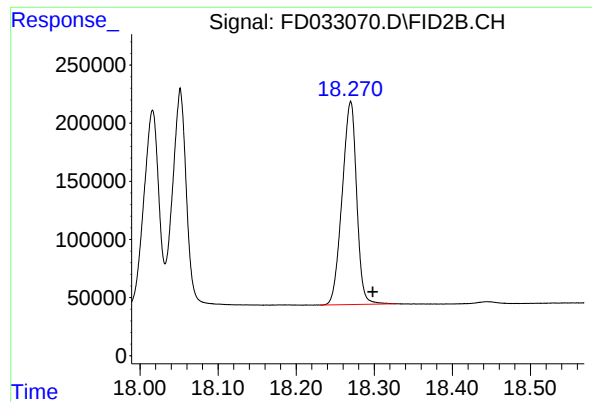
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.016 min
Delta R.T.: -0.022 min
Response: 2184757
Conc: 18.10 ug/ml m



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

R.T.: 18.052 min
Delta R.T.: -0.024 min
Response: 2259523
Conc: 18.04 ug/ml



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

R.T.: 18.270 min
Delta R.T.: -0.028 min
Response: 2254698
Conc: 18.63 ug/ml

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