

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042121AR\  
 Data File : FD037077.D  
 Signal(s) : FID2B.CH  
 Acq On : 22 Apr 2021 13:28  
 Operator : DD\AJ  
 Sample : M2090-22MS  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 FID\_D  
**ClientSampleId :**  
 SEDGWICK-COMP-5MS

**Manual Integrations**  
**APPROVED**  
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 4/22/2021 4:48:56 PM

Integration File: autoint1.e  
 Quant Time: Apr 22 14:34:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 22 07:01:17 2021  
 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...	7.579	5359012	45.324 ug/ml
Spiked Amount 50.000		Recovery =	90.65%
6) S 2-Fluorobiphenyl (SURR)	8.440	3127558	40.532 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.06%
11) S ortho-Terphenyl (SURR)	11.481	4465957	36.157 ug/ml
Spiked Amount 50.000		Recovery =	72.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	2901407	21.819 ug/ml
2) T Naphthalene (C11.7)	5.914	4081600	29.692 ug/ml
3) T 2-Methylnaphthalene (...)	6.968	4525764	33.749 ug/ml
5) T Acenaphthylene (C15.06)	8.244	5117506	40.913 ug/ml
7) T Acenaphthene (C15.5)	8.540	5211776	40.331 ug/ml
8) T Fluorene (C16.55)	9.321	5411929	44.183 ug/ml
9) T Phenanthrene (C19.36)	10.718	6522097	55.329 ug/ml
10) T Anthracene (C19.43)	10.792	5506465	47.805 ug/ml
12) T Fluoranthene (C21.85)	12.531	7116567	61.020 ug/ml
13) T Pyrene (C20.8)	12.827	6631127	57.600 ug/ml
14) T Benzo[a]anthracene (C...	14.697	5610163	50.973 ug/ml
15) T Chrysene (C27.41)	14.742	6003306	53.032 ug/ml
16) T benzo[b]fluoranthene ...	16.248	5682103	50.658 ug/ml
17) T Bnezo[k]fluoranthene ...	16.282	4668934	43.349 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.628	5266532	50.885 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.991	4581709	43.071 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	4246469	40.642 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.248	4475521	41.901 ug/ml
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(f)=RT Delta > 1/2 Window

(m)=manual int.

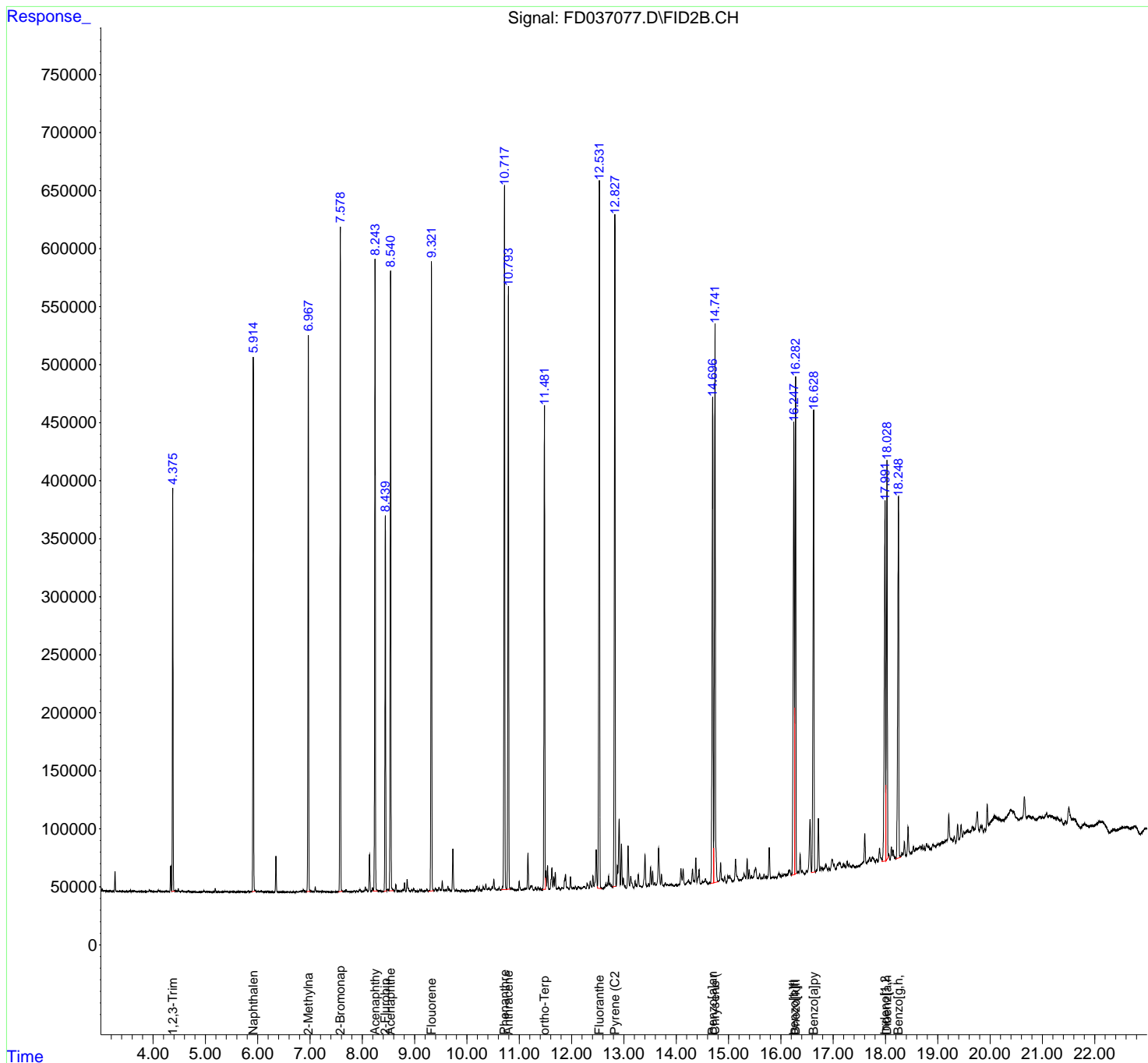
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042121AR\  
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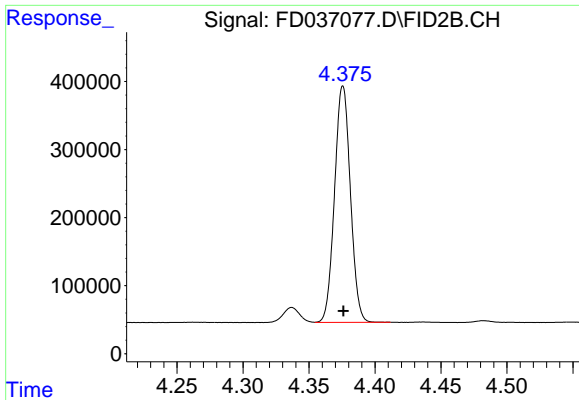
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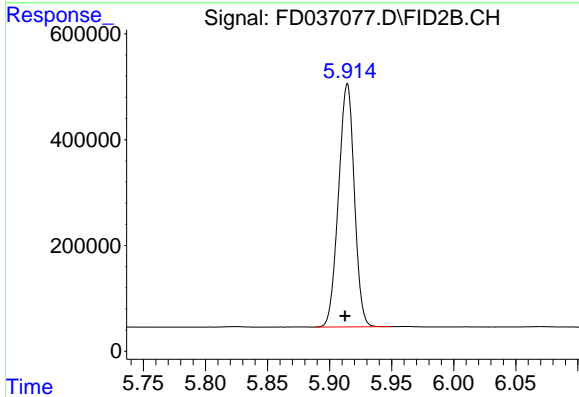
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min  
 Delta R.T.: 0.000 min  
 Response: 2901407  
 Conc: 21.82 ug/ml

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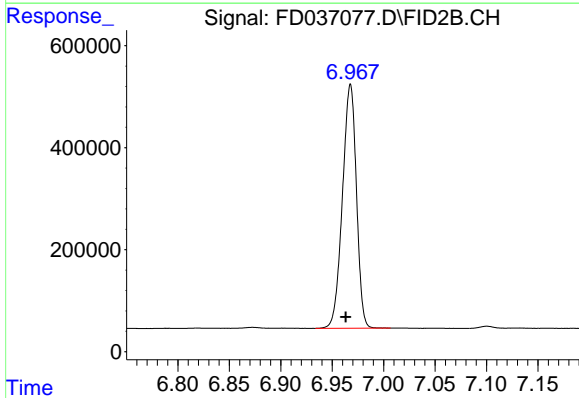
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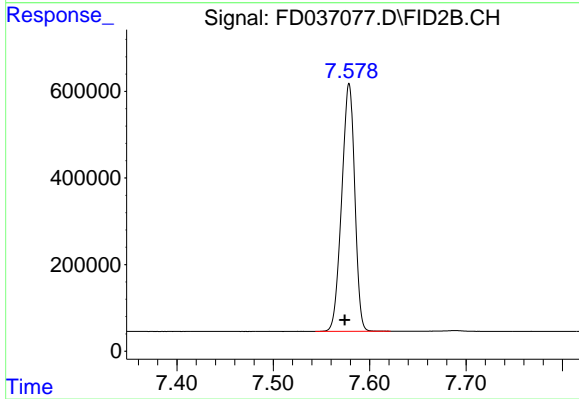
#2 Naphthalene (C11.7)

R.T.: 5.914 min  
 Delta R.T.: 0.002 min  
 Response: 4081600  
 Conc: 29.69 ug/ml



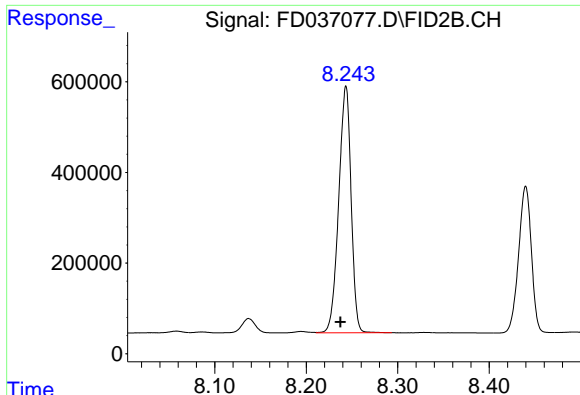
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.968 min  
 Delta R.T.: 0.004 min  
 Response: 4525764  
 Conc: 33.75 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.579 min  
 Delta R.T.: 0.005 min  
 Response: 5359012  
 Conc: 45.32 ug/ml



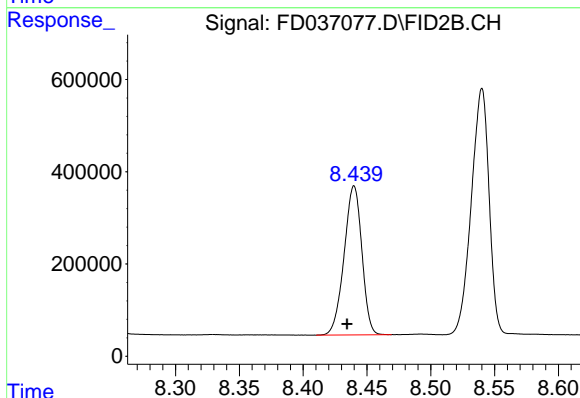
#5 Acenaphthylene (C15.06)

R.T.: 8.244 min  
 Delta R.T.: 0.006 min  
 Response: 5117506  
 Conc: 40.91 ug/ml

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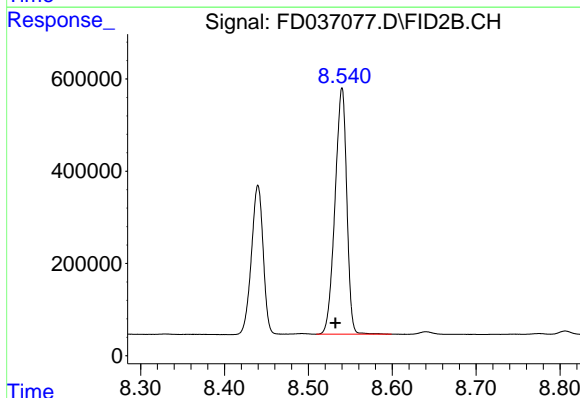
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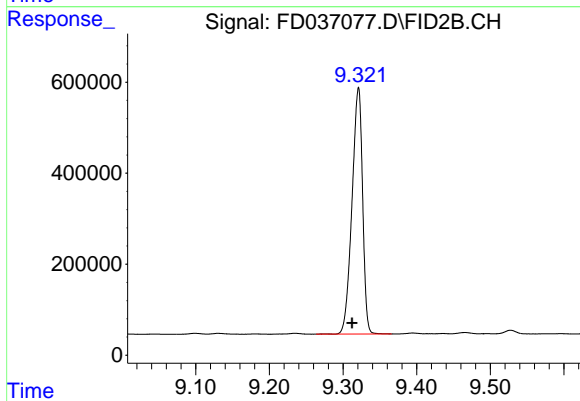
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.440 min  
 Delta R.T.: 0.006 min  
 Response: 3127558  
 Conc: 40.53 ug/ml



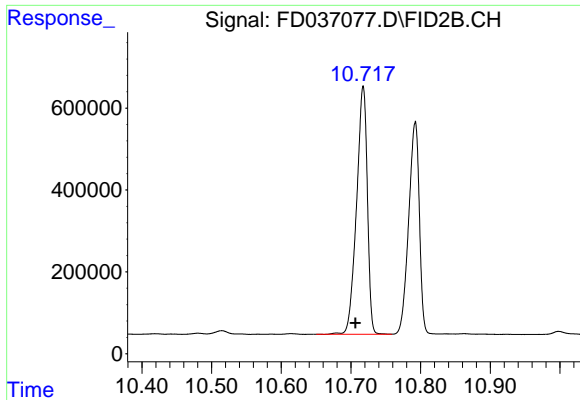
#7 Acenaphthene (C15.5)

R.T.: 8.540 min  
 Delta R.T.: 0.008 min  
 Response: 5211776  
 Conc: 40.33 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.321 min  
 Delta R.T.: 0.009 min  
 Response: 5411929  
 Conc: 44.18 ug/ml



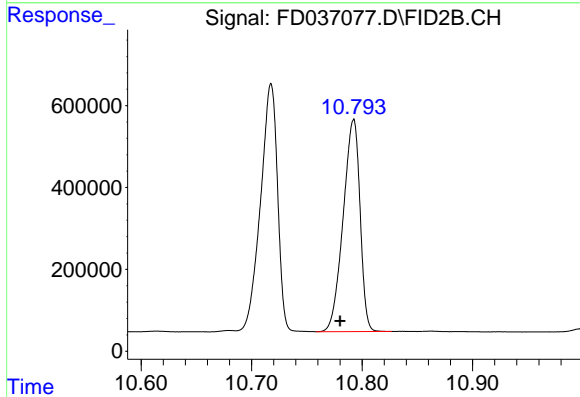
#9 Phenanthrene (C19.36)

R.T.: 10.718 min  
 Delta R.T.: 0.011 min  
 Response: 6522097  
 Conc: 55.33 ug/ml

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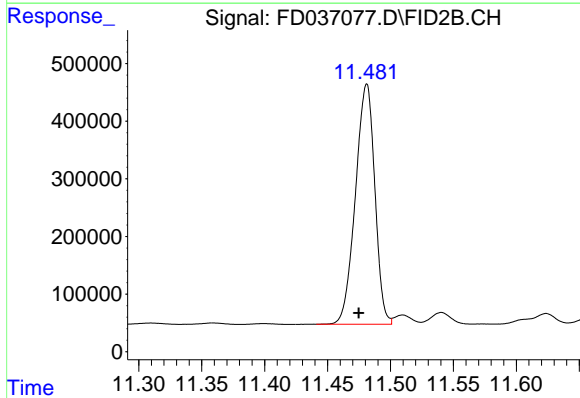
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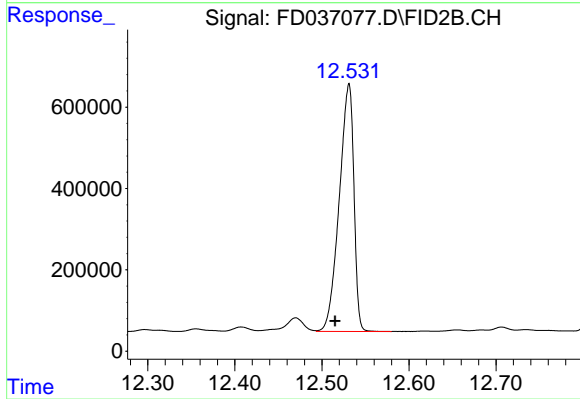
#10 Anthracene (C19.43)

R.T.: 10.792 min  
 Delta R.T.: 0.012 min  
 Response: 5506465  
 Conc: 47.80 ug/ml



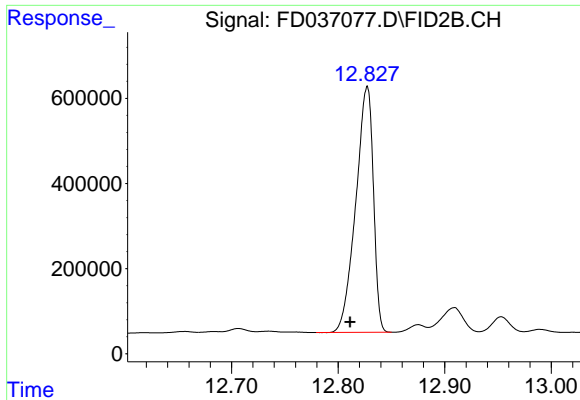
#11 ortho-Terphenyl (SURR)

R.T.: 11.481 min  
 Delta R.T.: 0.006 min  
 Response: 4465957  
 Conc: 36.16 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.531 min  
 Delta R.T.: 0.016 min  
 Response: 7116567  
 Conc: 61.02 ug/ml



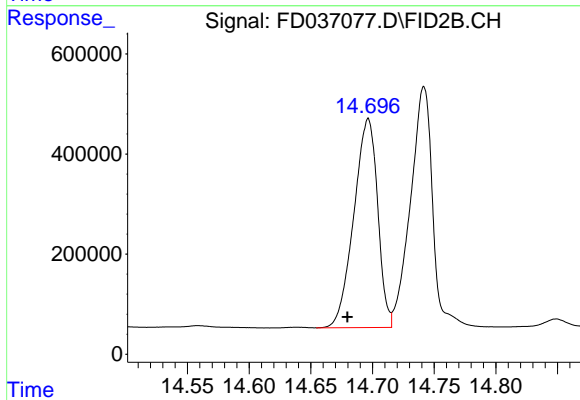
#13 Pyrene (C20.8)

R.T.: 12.827 min  
 Delta R.T.: 0.016 min  
 Response: 6631127  
 Conc: 57.60 ug/ml

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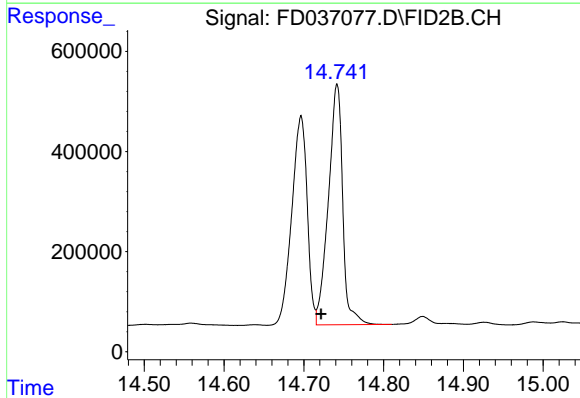
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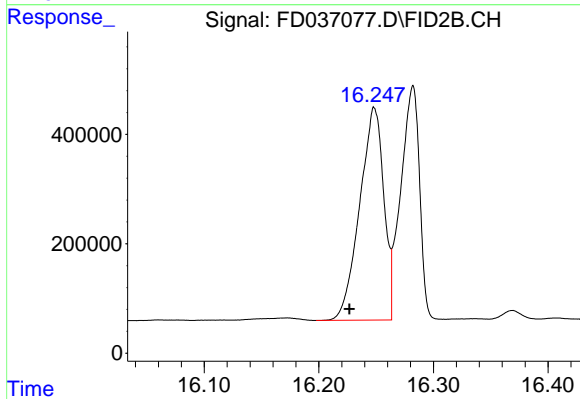
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.697 min  
 Delta R.T.: 0.017 min  
 Response: 5610163  
 Conc: 50.97 ug/ml



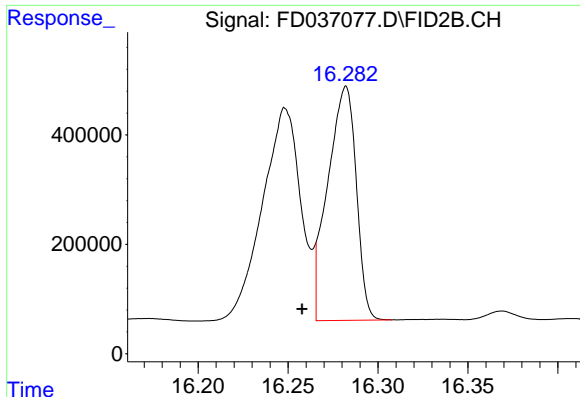
#15 Chrysene (C27.41)

R.T.: 14.742 min  
 Delta R.T.: 0.020 min  
 Response: 6003306  
 Conc: 53.03 ug/ml



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

R.T.: 16.248 min  
 Delta R.T.: 0.022 min  
 Response: 5682103  
 Conc: 50.66 ug/ml



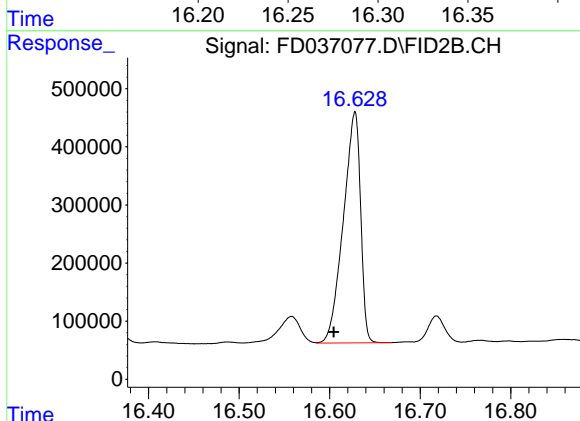
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.282 min  
Delta R.T.: 0.024 min  
Response: 4668934  
Conc: 43.35 ug/ml m

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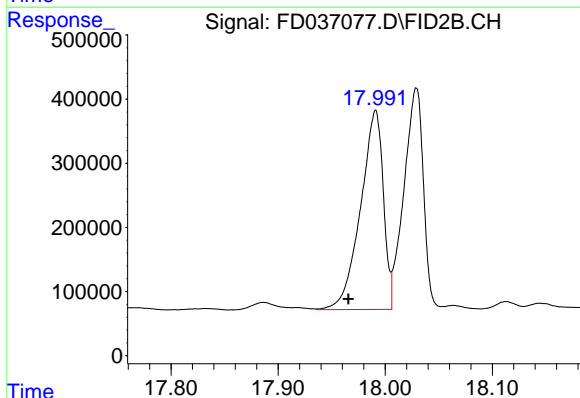
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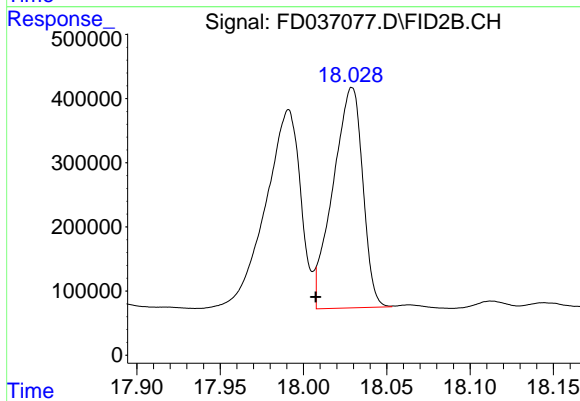
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.628 min  
Delta R.T.: 0.023 min  
Response: 5266532  
Conc: 50.89 ug/ml



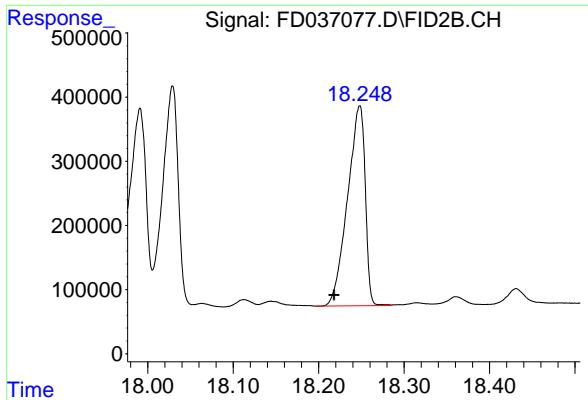
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min  
Delta R.T.: 0.025 min  
Response: 4581709  
Conc: 43.07 ug/ml



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

R.T.: 18.028 min  
Delta R.T.: 0.021 min  
Response: 4246469  
Conc: 40.64 ug/ml m



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

R.T.: 18.248 min  
Delta R.T.: 0.030 min  
Response: 4475521  
Conc: 41.90 ug/ml

Instrument :  
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