

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037078.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 14:06
 Operator : DD\AJ
 Sample : M2090-22MSD
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SEDGWICK-COMP-5MSD

Manual Integrations
 APPROVED

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 4/22/2021 4:48:57 PM

Integration File: autoint1.e
 Quant Time: Apr 22 14:35:05 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	5297616	44.805 ug/ml
Spiked Amount 50.000		Recovery =	89.61%
6) S 2-Fluorobiphenyl (SURR)	8.440	3107930	40.278 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.56%
11) S ortho-Terphenyl (SURR)	11.481	4431981	35.882 ug/ml
Spiked Amount 50.000		Recovery =	71.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	2848938	21.425 ug/ml
2) T Naphthalene (C11.7)	5.914	4021695	29.256 ug/ml
3) T 2-Methylnaphthalene (...)	6.967	4468633	33.323 ug/ml
5) T Acenaphthylene (C15.06)	8.243	5041981	40.309 ug/ml
7) T Acenaphthene (C15.5)	8.540	5161570	39.942 ug/ml
8) T Flouorene (C16.55)	9.320	5348616	43.666 ug/ml
9) T Phenanthrene (C19.36)	10.717	6465941	54.852 ug/ml
10) T Anthracene (C19.43)	10.792	5452349	47.335 ug/ml
12) T Fluoranthene (C21.85)	12.531	7056704	60.507 ug/ml
13) T Pyrene (C20.8)	12.827	6588558	57.230 ug/ml
14) T Benzo[a]anthracene (C...	14.696	5577522	50.677 ug/ml
15) T Chrysene (C27.41)	14.741	5967378	52.714 ug/ml
16) T benzo[b]fluoranthene ...	16.249	5669158	50.543 ug/ml
17) T Bnezo[k]fluoranthene ...	16.282	4664388	43.307 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.627	5282944	51.044 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.991	4590170	43.151 ug/ml
20) T Dibenz[a,h]anthracene...	18.029	4262306	40.794 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.248	4460077	41.756 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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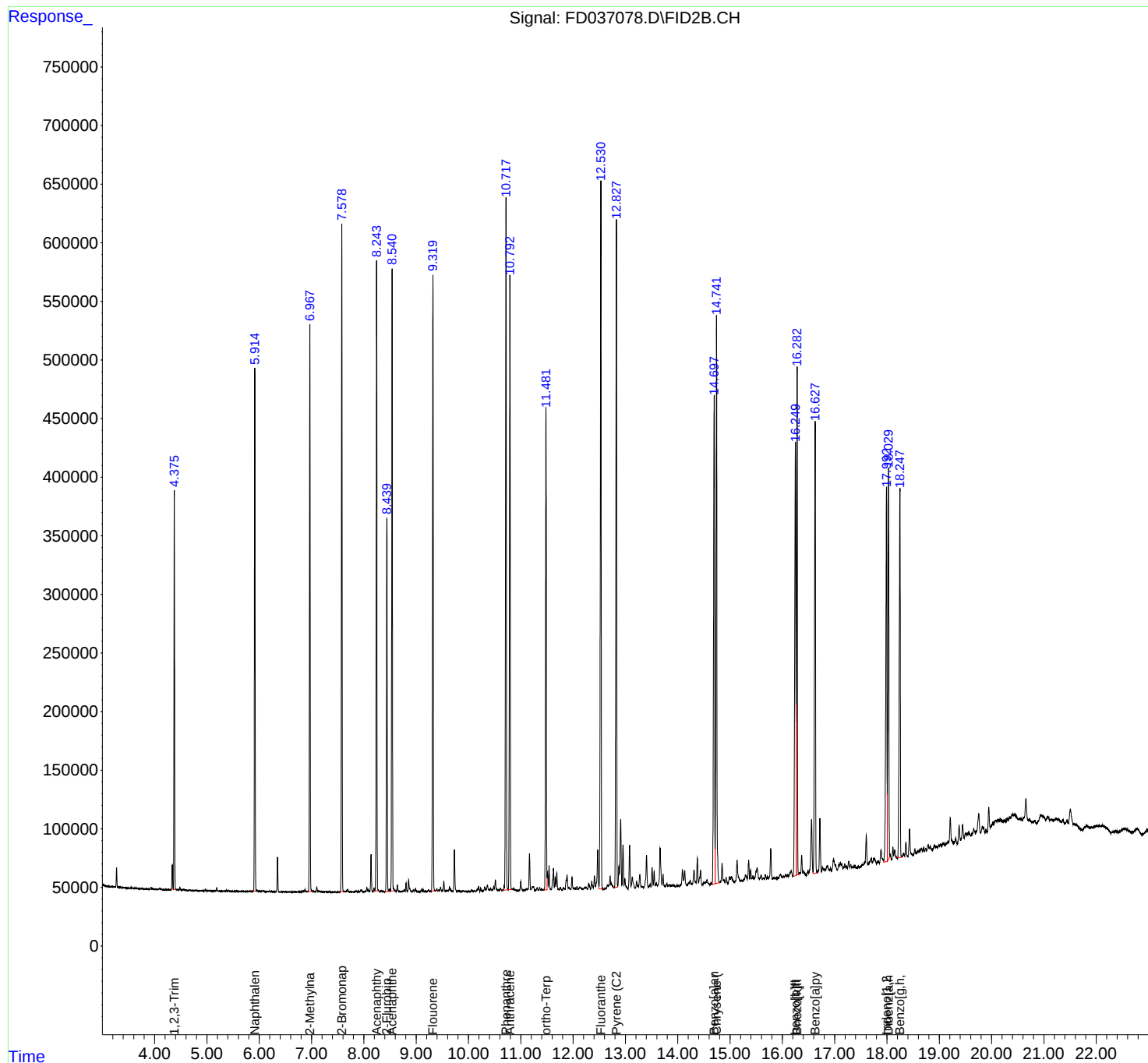
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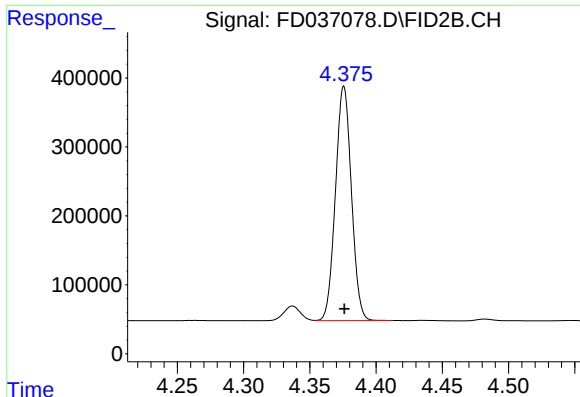
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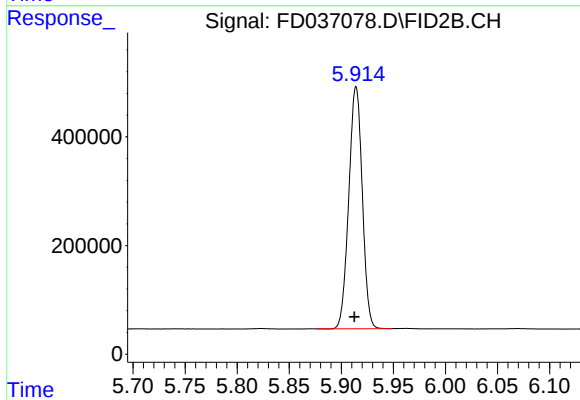
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 2848938
Conc: 21.42 ug/ml

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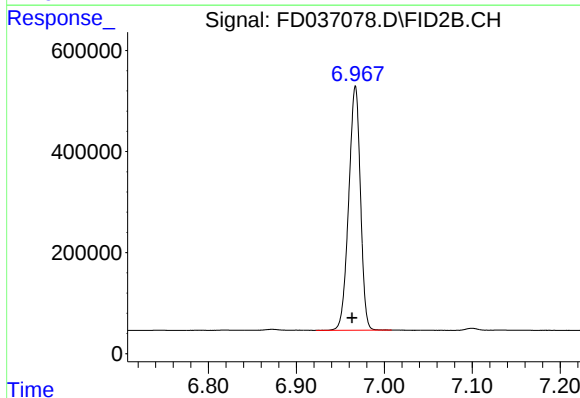
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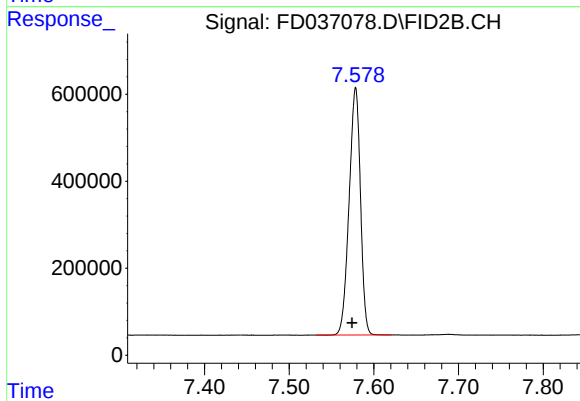
#2 Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: 0.002 min
Response: 4021695
Conc: 29.26 ug/ml



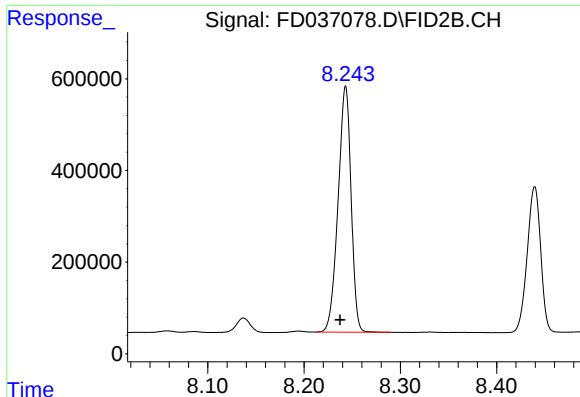
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.967 min
Delta R.T.: 0.004 min
Response: 4468633
Conc: 33.32 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.579 min
Delta R.T.: 0.004 min
Response: 5297616
Conc: 44.81 ug/ml



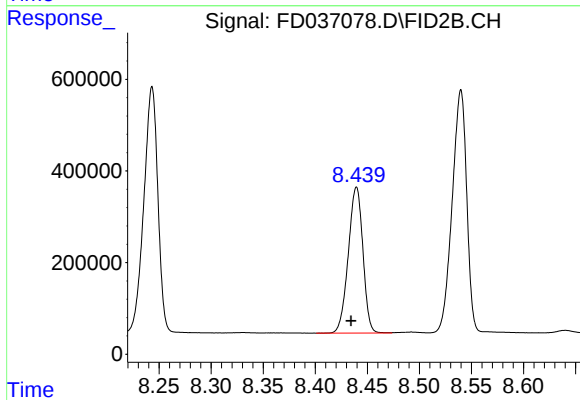
#5 Acenaphthylene (C15.06)

R.T.: 8.243 min
Delta R.T.: 0.006 min
Response: 5041981
Conc: 40.31 ug/ml

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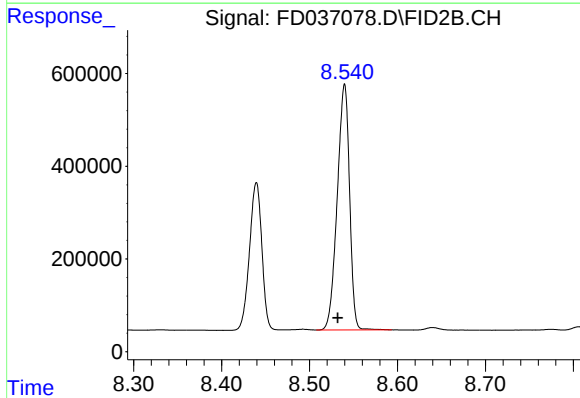
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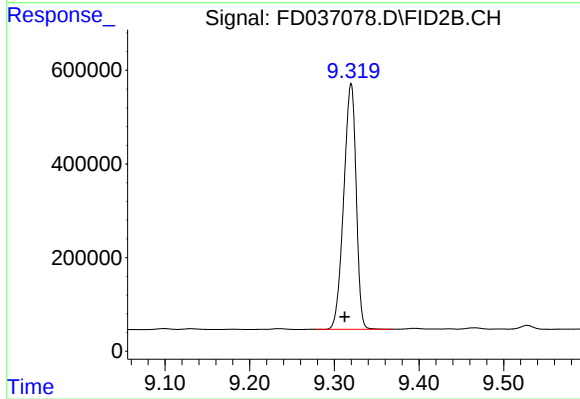
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.440 min
Delta R.T.: 0.005 min
Response: 3107930
Conc: 40.28 ug/ml



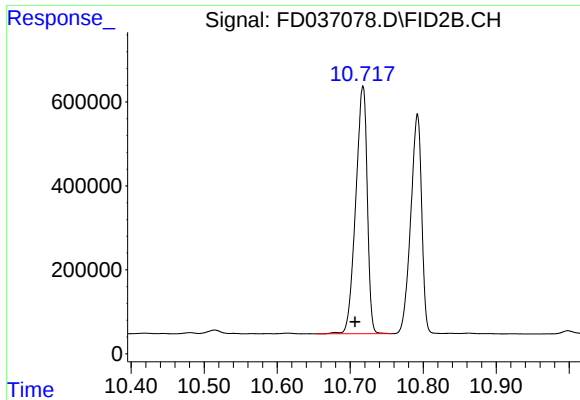
#7 Acenaphthene (C15.5)

R.T.: 8.540 min
Delta R.T.: 0.008 min
Response: 5161570
Conc: 39.94 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.320 min
Delta R.T.: 0.008 min
Response: 5348616
Conc: 43.67 ug/ml



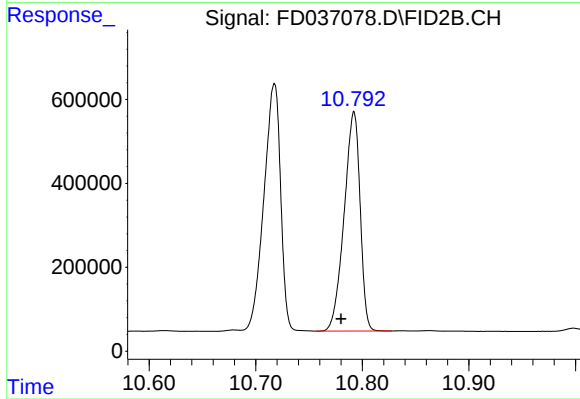
#9 Phenanthrene (C19.36)

R.T.: 10.717 min
Delta R.T.: 0.011 min
Response: 6465941
Conc: 54.85 ug/ml

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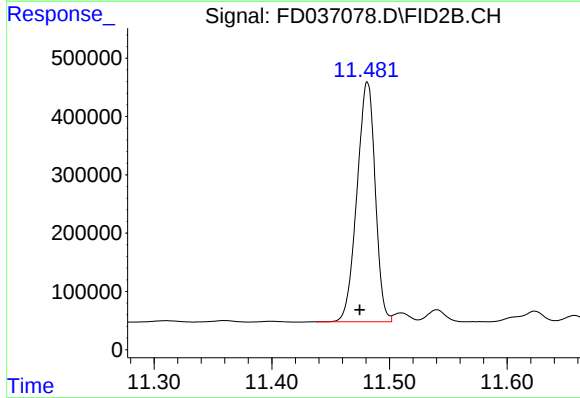
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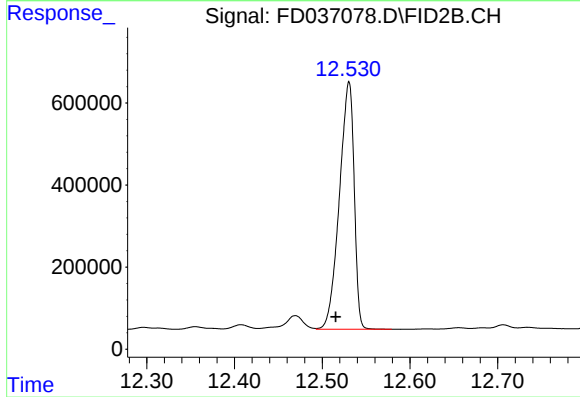
#10 Anthracene (C19.43)

R.T.: 10.792 min
Delta R.T.: 0.012 min
Response: 5452349
Conc: 47.34 ug/ml



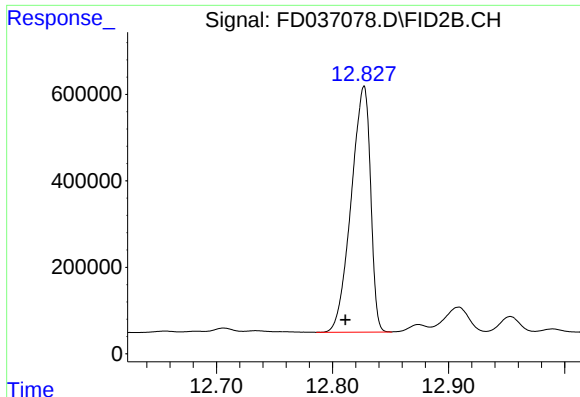
#11 ortho-Terphenyl (SURR)

R.T.: 11.481 min
Delta R.T.: 0.007 min
Response: 4431981
Conc: 35.88 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.531 min
Delta R.T.: 0.015 min
Response: 7056704
Conc: 60.51 ug/ml



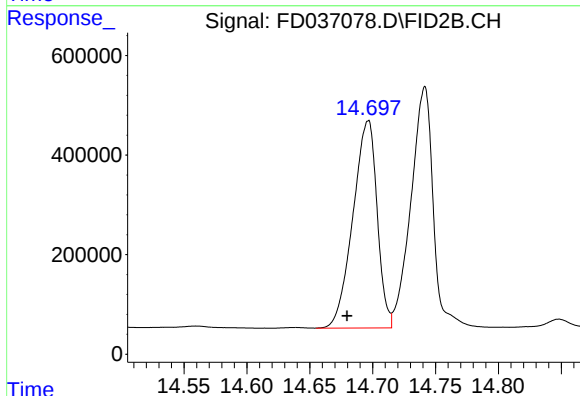
#13 Pyrene (C20.8)

R.T.: 12.827 min
Delta R.T.: 0.016 min
Response: 6588558
Conc: 57.23 ug/ml

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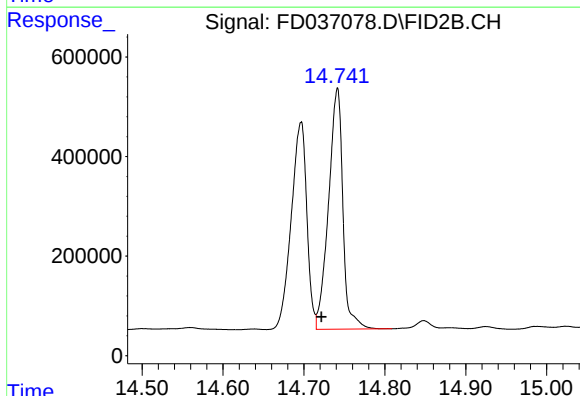
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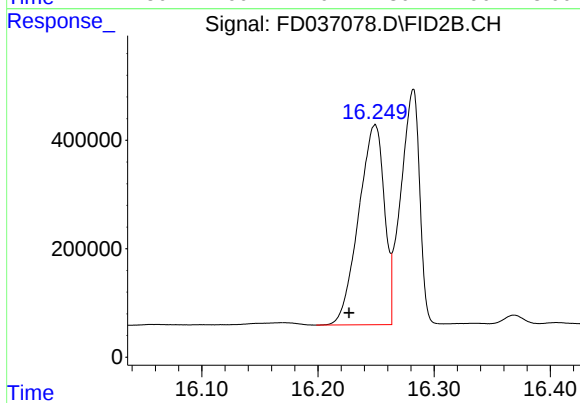
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.696 min
Delta R.T.: 0.017 min
Response: 5577522
Conc: 50.68 ug/ml



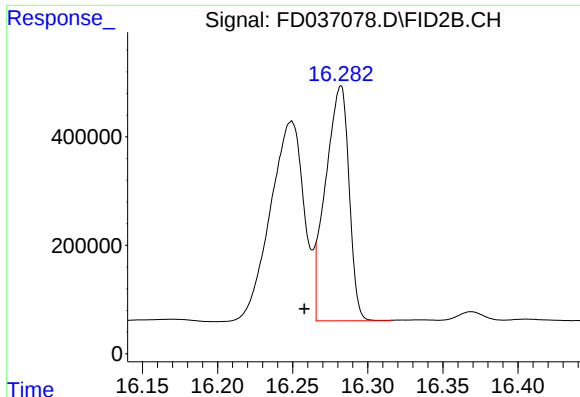
#15 Chrysene (C27.41)

R.T.: 14.741 min
Delta R.T.: 0.020 min
Response: 5967378
Conc: 52.71 ug/ml



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

R.T.: 16.249 min
Delta R.T.: 0.022 min
Response: 5669158
Conc: 50.54 ug/ml



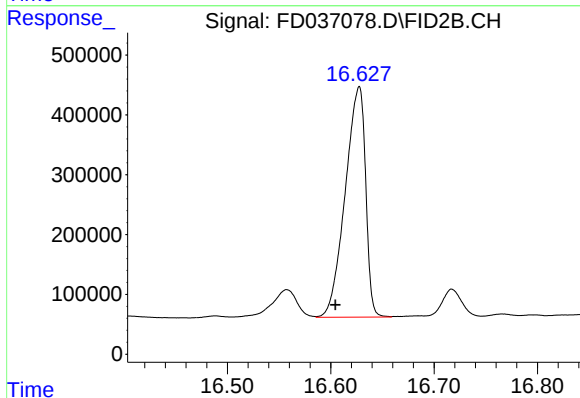
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.282 min
Delta R.T.: 0.024 min
Response: 4664388
Conc: 43.31 ug/ml m

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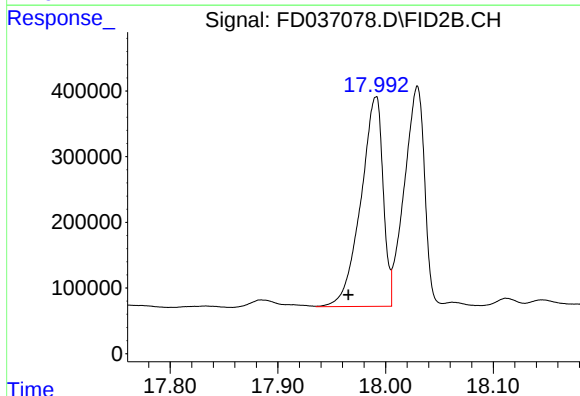
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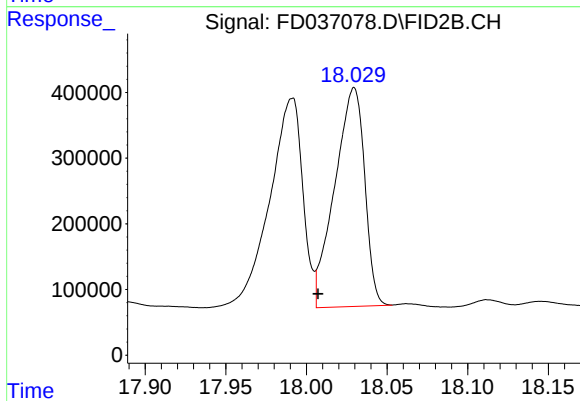
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.627 min
Delta R.T.: 0.023 min
Response: 5282944
Conc: 51.04 ug/ml



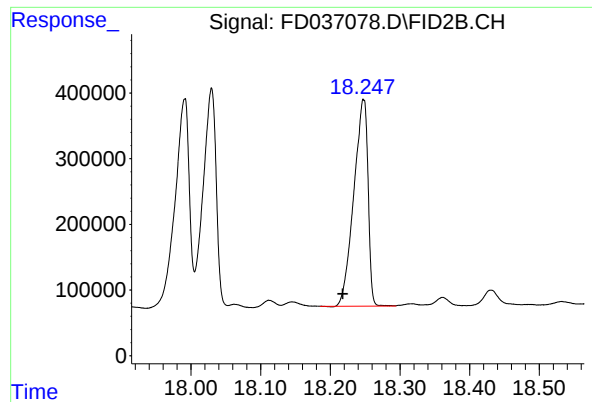
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min
Delta R.T.: 0.025 min
Response: 4590170
Conc: 43.15 ug/ml



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

R.T.: 18.029 min
Delta R.T.: 0.022 min
Response: 4262306
Conc: 40.79 ug/ml m



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

R.T.: 18.248 min
Delta R.T.: 0.030 min
Response: 4460077
Conc: 41.76 ug/ml

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