

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041321AR\
 Data File : FD036877.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2021 19:44
 Operator : DD\AJ
 Sample : M1998-10MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-5AMSD

Manual Integrations
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 4/14/2021 11:05:29 AM

Integration File: autoint1.e
 Quant Time: Apr 14 02:49:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.588	5055296	35.944 ug/ml
Spiked Amount 50.000		Recovery =	71.89%
6) S 2-Fluorobiphenyl (SURR)	8.448	2372449	25.274 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	50.55%
11) S ortho-Terphenyl (SURR)	11.490	4231190	27.704 ug/ml
Spiked Amount 50.000		Recovery =	55.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.387	3926979	26.790 ug/ml
2) T Naphthalene (C11.7)	5.925	4740767	30.165 ug/ml
3) T 2-Methylnaphthalene (...)	6.977	4976590	31.665 ug/ml
5) T Acenaphthylene (C15.06)	8.254	5507468	36.756 ug/ml
7) T Acenaphthene (C15.5)	8.549	5281669	34.024 ug/ml
8) T Flouorene (C16.55)	9.329	5595909	37.168 ug/ml
9) T Phenanthrene (C19.36)	10.725	5601828	38.219 ug/ml
10) T Anthracene (C19.43)	10.800	5403777	37.327 ug/ml
12) T Fluoranthene (C21.85)	12.537	5478806	39.024 ug/ml
13) T Pyrene (C20.8)	12.833	5372912	39.161 ug/ml
14) T Benzo[a]anthracene (C...	14.703	4905715	41.308 ug/ml
15) T Chrysene (C27.41)	14.747	5147915	42.568 ug/mlm
16) T benzo[b]fluoranthene ...	16.251	5133761	46.785 ug/ml
17) T Bnezo[k]fluoranthene ...	16.286	4856041	45.683 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.632	5106067	51.234 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.995	5033541	50.076 ug/ml
20) T Dibenz[a,h]anthracene...	18.035	4811068	47.713 ug/ml
21) T Benzo[g,h,i]perylene ...	18.253	4864347	48.009 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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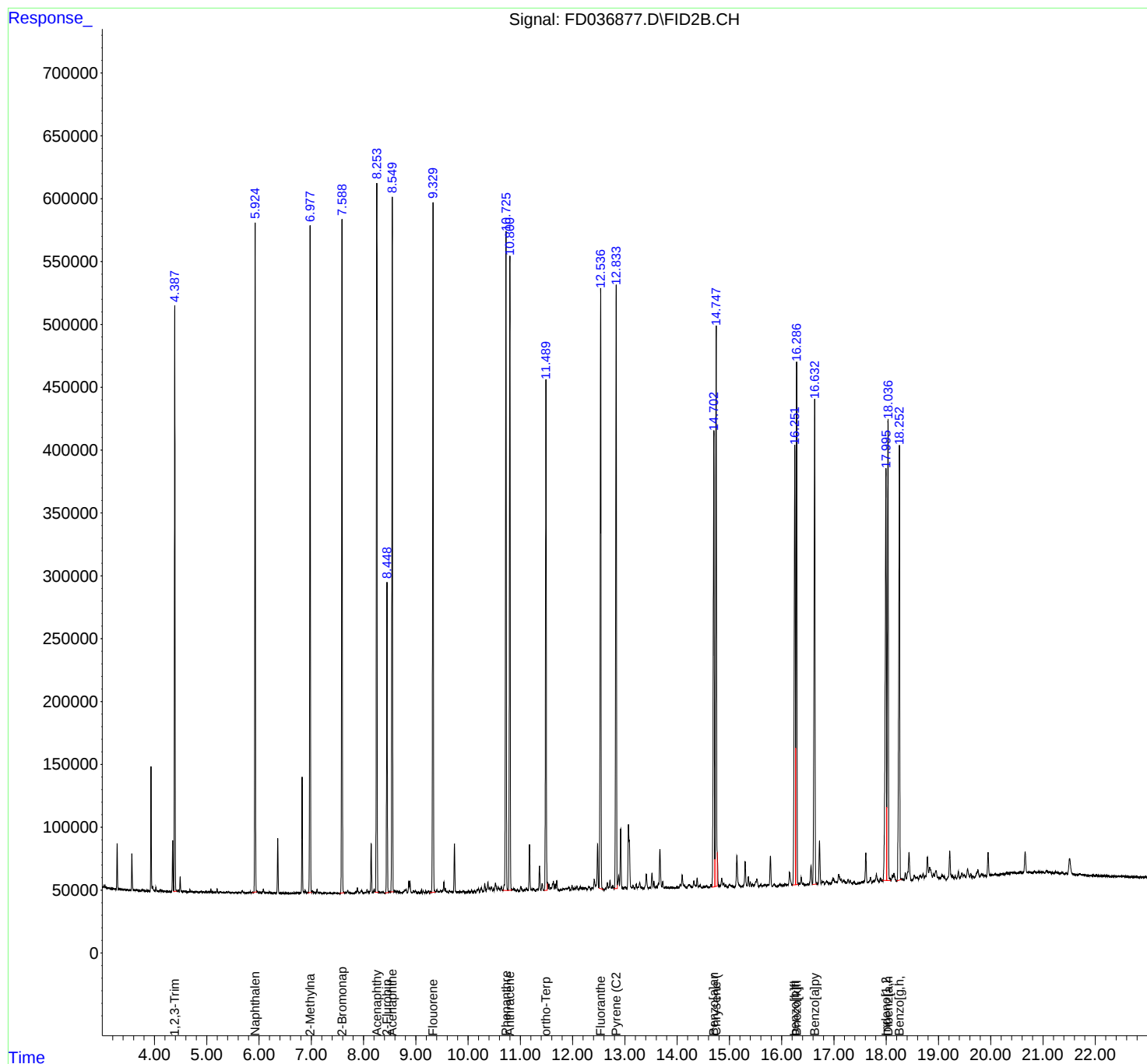
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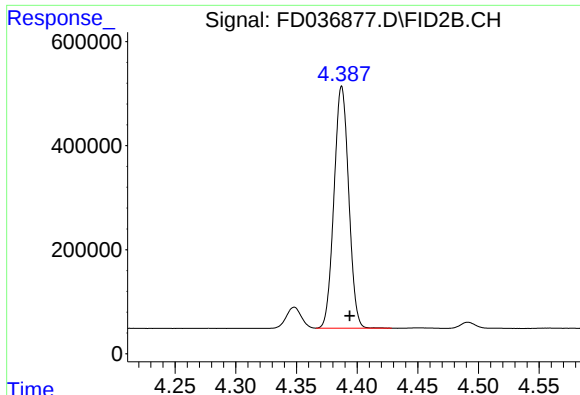
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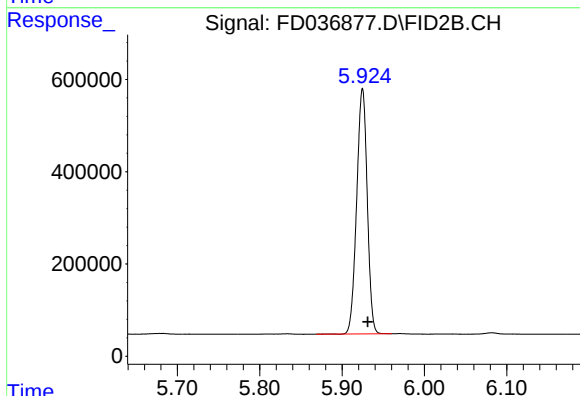
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.387 min
Delta R.T.: -0.007 min
Response: 3926979
Conc: 26.79 ug/ml

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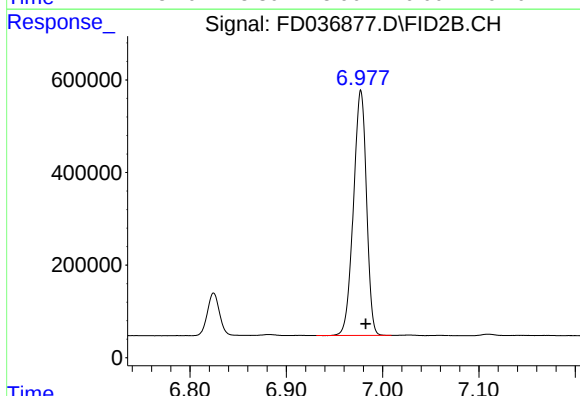
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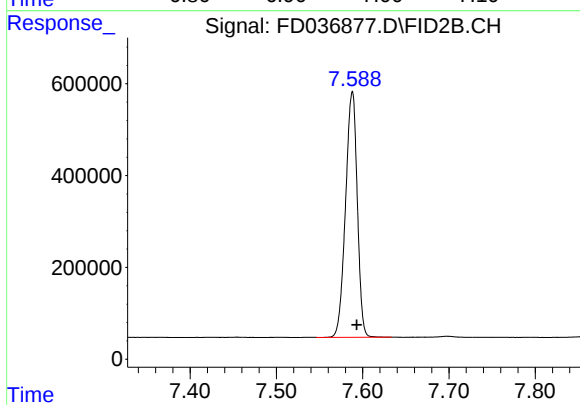
#2 Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 4740767
Conc: 30.16 ug/ml



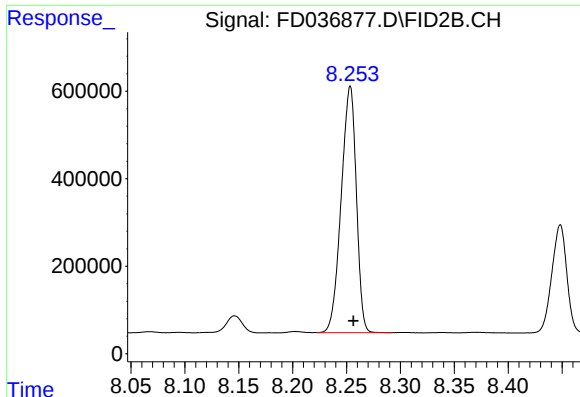
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.005 min
Response: 4976590
Conc: 31.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 5055296
Conc: 35.94 ug/ml



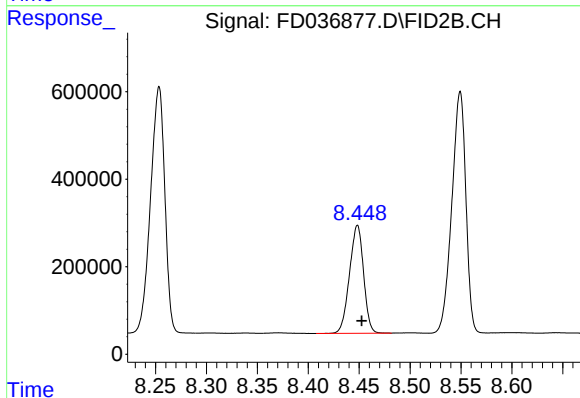
#5 Acenaphthylene (C15.06)

R.T.: 8.254 min
Delta R.T.: -0.003 min
Response: 5507468
Conc: 36.76 ug/ml

Instrument :
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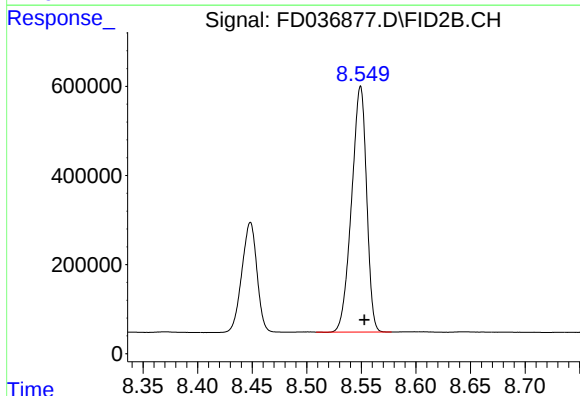
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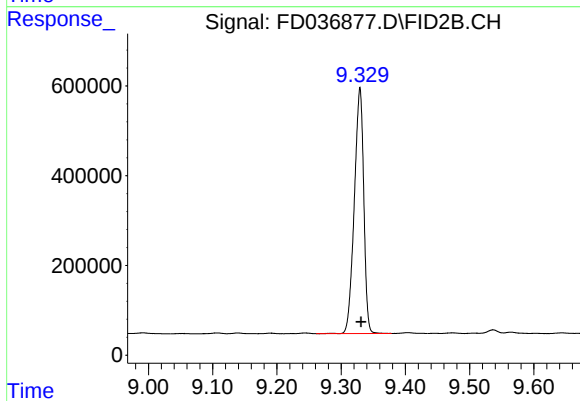
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.004 min
Response: 2372449
Conc: 25.27 ug/ml



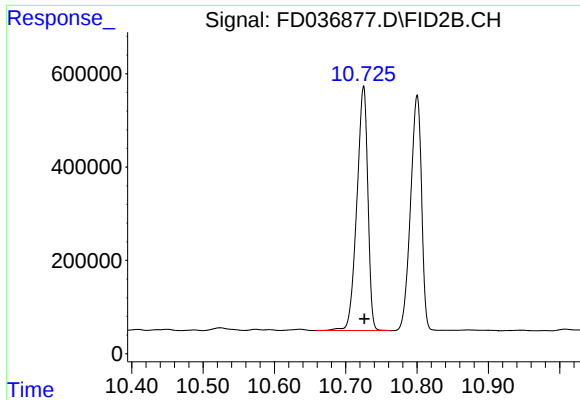
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: -0.003 min
Response: 5281669
Conc: 34.02 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.329 min
Delta R.T.: -0.002 min
Response: 5595909
Conc: 37.17 ug/ml



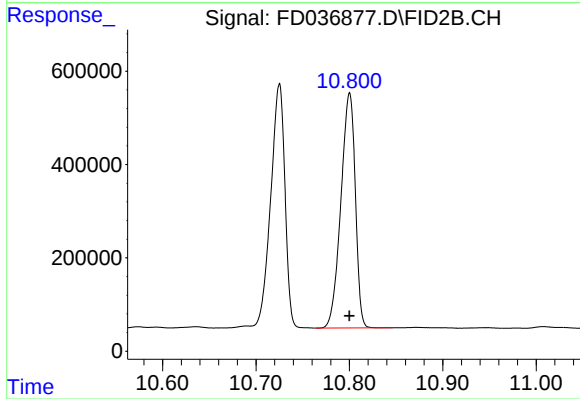
#9 Phenanthrene (C19.36)

R.T.: 10.725 min
Delta R.T.: 0.000 min
Response: 5601828
Conc: 38.22 ug/ml

Instrument :
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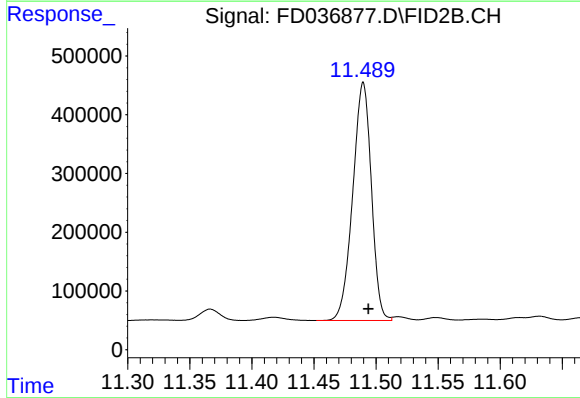
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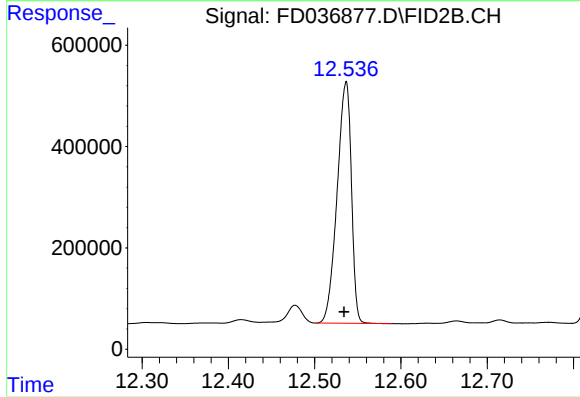
#10 Anthracene (C19.43)

R.T.: 10.800 min
Delta R.T.: 0.000 min
Response: 5403777
Conc: 37.33 ug/ml



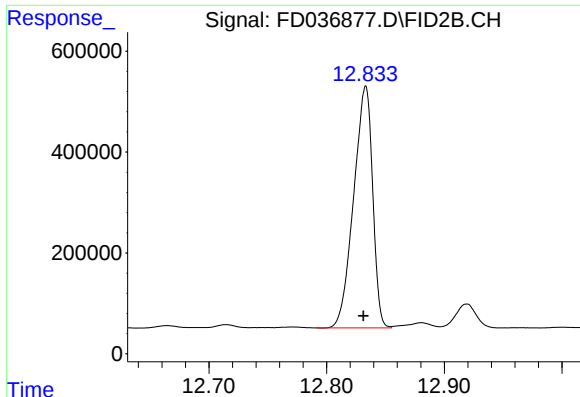
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 4231190
Conc: 27.70 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: 0.002 min
Response: 5478806
Conc: 39.02 ug/ml



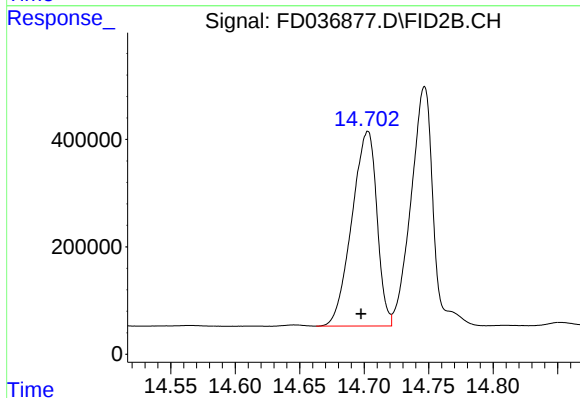
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: 0.002 min
Response: 5372912
Conc: 39.16 ug/ml

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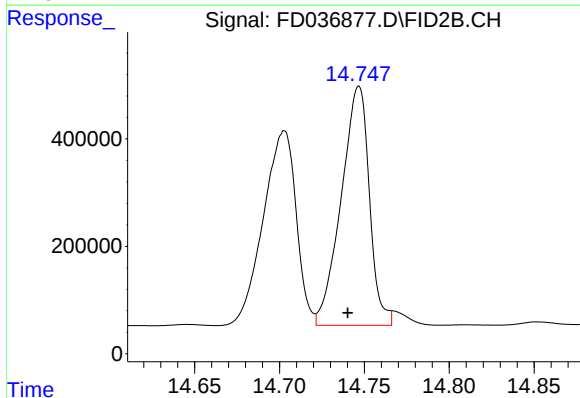
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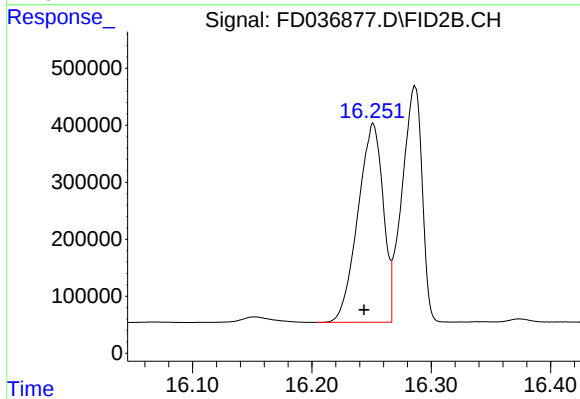
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.703 min
Delta R.T.: 0.005 min
Response: 4905715
Conc: 41.31 ug/ml



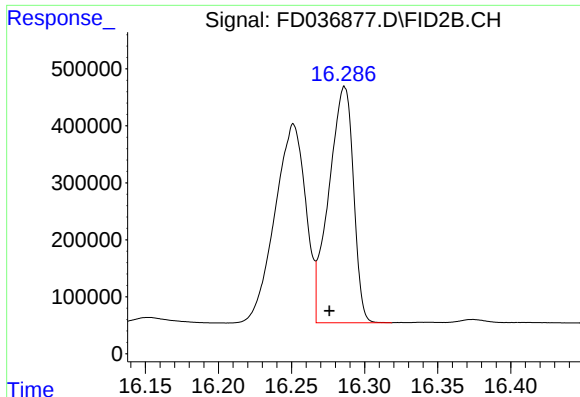
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: 0.006 min
Response: 5147915
Conc: 42.57 ug/ml m



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

R.T.: 16.251 min
Delta R.T.: 0.008 min
Response: 5133761
Conc: 46.78 ug/ml



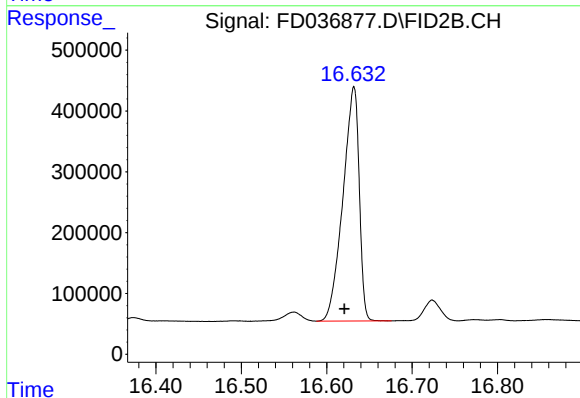
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.286 min
Delta R.T.: 0.010 min
Response: 4856041
Conc: 45.68 ug/ml

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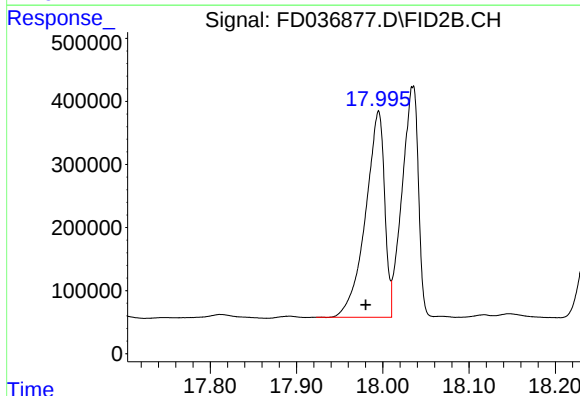
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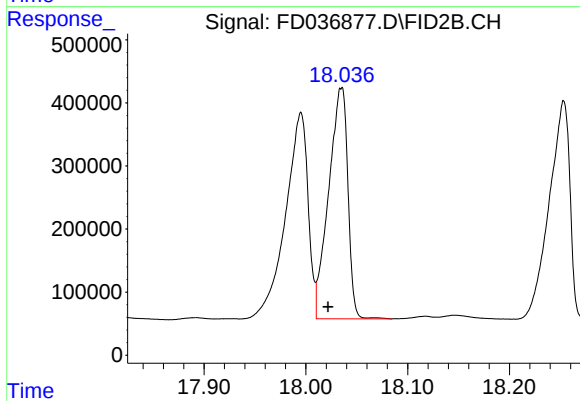
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.632 min
Delta R.T.: 0.011 min
Response: 5106067
Conc: 51.23 ug/ml



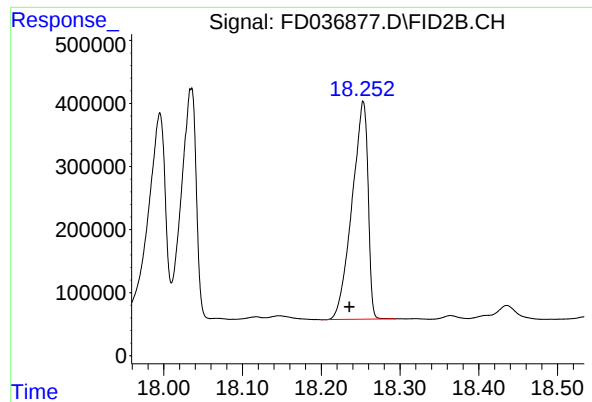
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.995 min
Delta R.T.: 0.015 min
Response: 5033541
Conc: 50.08 ug/ml



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

R.T.: 18.035 min
Delta R.T.: 0.013 min
Response: 4811068
Conc: 47.71 ug/ml



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

R.T.: 18.253 min
Delta R.T.: 0.017 min
Response: 4864347
Conc: 48.01 ug/ml

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