

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041421AR\
 Data File : FD036911.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 19:28
 Operator : DD\AJ
 Sample : PB135721BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135721BSD

Manual Integrations
 APPROVED

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 4/15/2021 12:06:18 PM

Integration File: autoint1.e
 Quant Time: Apr 15 01:23:40 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	6847916	48.690 ug/ml
Spiked Amount 50.000		Recovery =	97.38%
6) S 2-Fluorobiphenyl (SURR)	8.449	4163883	44.359 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.72%
11) S ortho-Terphenyl (SURR)	11.490	6078250	39.797 ug/ml
Spiked Amount 50.000		Recovery =	79.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.387	4651202	31.731 ug/ml
2) T Naphthalene (C11.7)	5.924	5357227	34.087 ug/ml
3) T 2-Methylnaphthalene (...)	6.976	5556706	35.356 ug/ml
5) T Acenaphthylene (C15.06)	8.252	5889245	39.303 ug/ml
7) T Acenaphthene (C15.5)	8.548	5877548	37.862 ug/ml
8) T Flouorene (C16.55)	9.328	5990526	39.789 ug/ml
9) T Phenanthrene (C19.36)	10.723	5854439	39.943 ug/ml
10) T Anthracene (C19.43)	10.799	5769882	39.856 ug/ml
12) T Fluoranthene (C21.85)	12.534	5558716	39.593 ug/ml
13) T Pyrene (C20.8)	12.831	5485835	39.984 ug/ml
14) T Benzo[a]anthracene (C...	14.700	5117688	43.093 ug/ml
15) T Chrysene (C27.41)	14.745	5301468	43.838 ug/mlm
16) T benzo[b]fluoranthene ...	16.250	5428430	49.470 ug/ml
17) T Bnezo[k]fluoranthene ...	16.286	5207736	48.992 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	5373323	53.916 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.993	5073235	50.471 ug/ml
20) T Dibenz[a,h]anthracene...	18.033	5039502	49.979 ug/ml
21) T Benzo[g,h,i]perylene ...	18.251	5150891	50.837 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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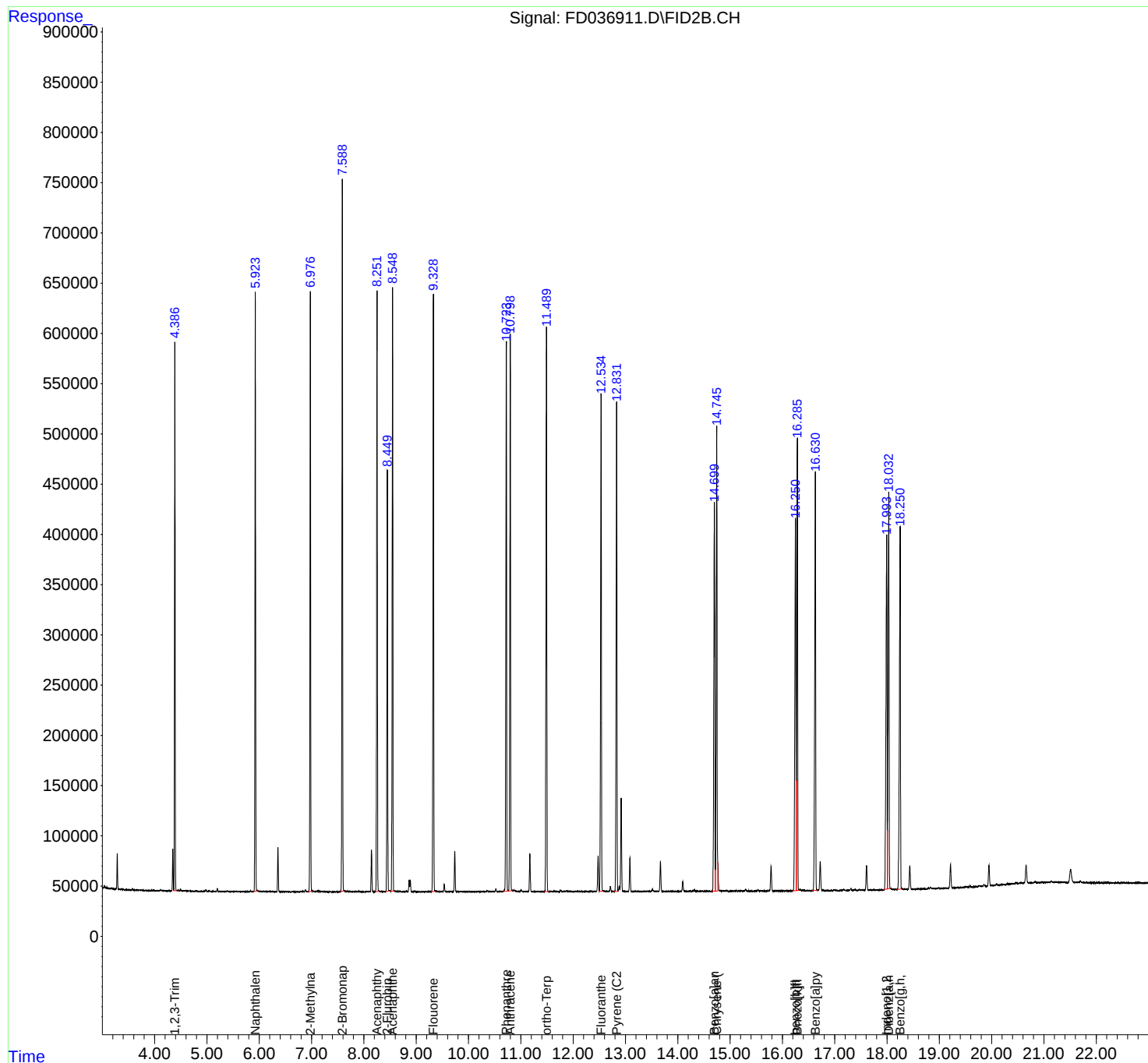
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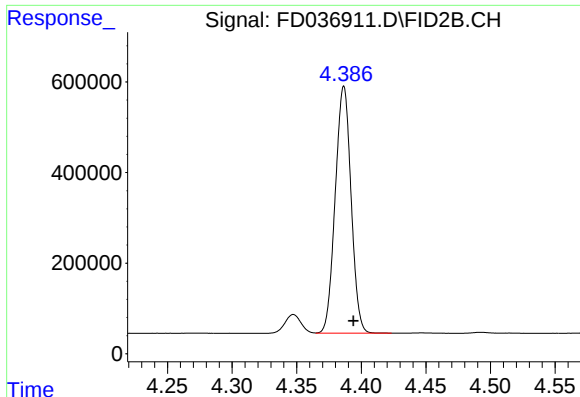
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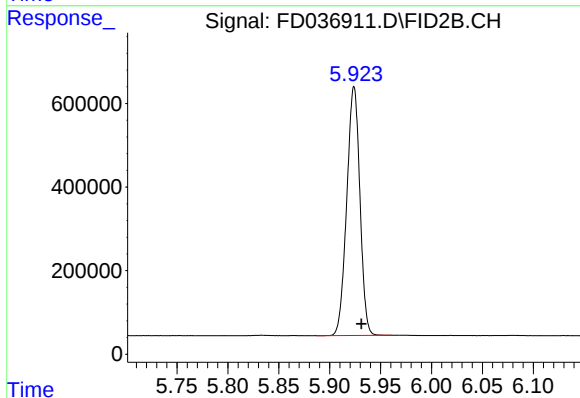
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.387 min
Delta R.T.: -0.007 min
Response: 4651202
Conc: 31.73 ug/ml

Instrument :
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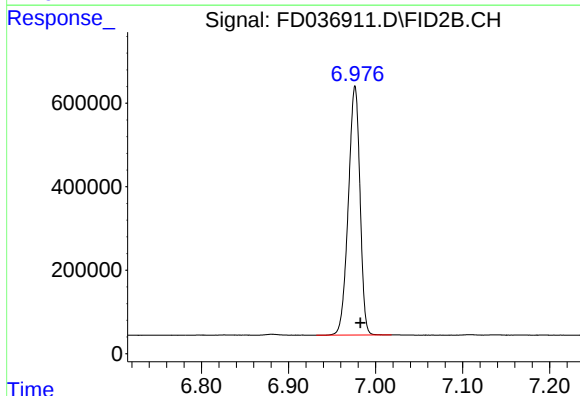
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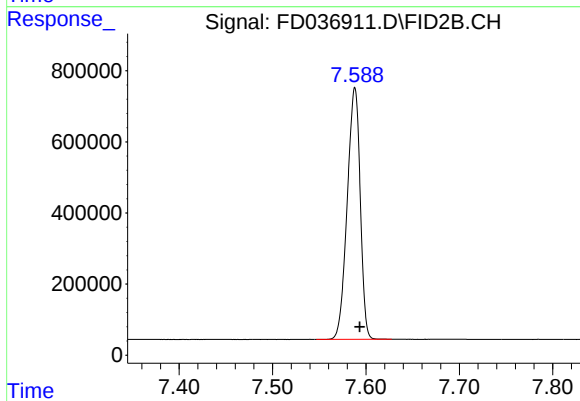
#2 Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.007 min
Response: 5357227
Conc: 34.09 ug/ml



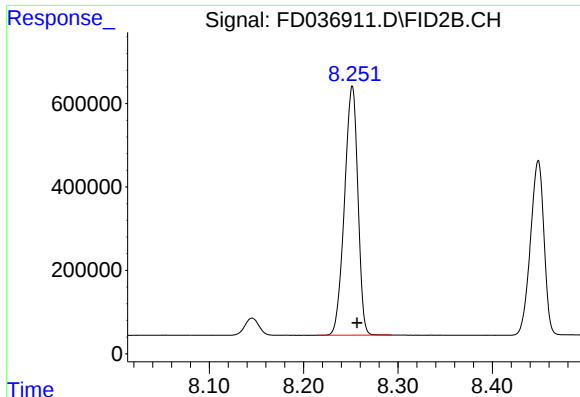
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.006 min
Response: 5556706
Conc: 35.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 6847916
Conc: 48.69 ug/ml



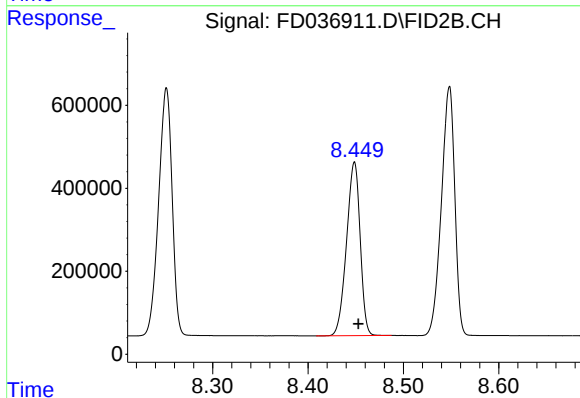
#5 Acenaphthylene (C15.06)

R.T.: 8.252 min
Delta R.T.: -0.005 min
Response: 5889245
Conc: 39.30 ug/ml

Instrument :
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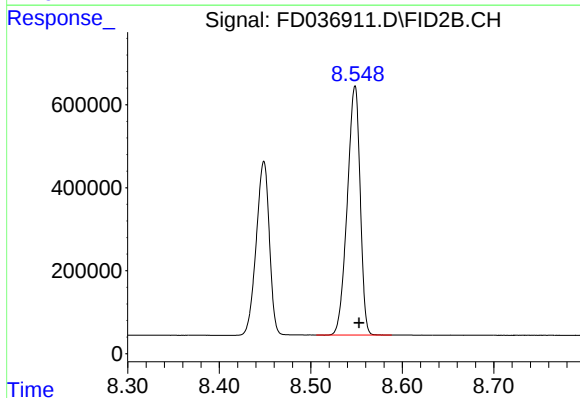
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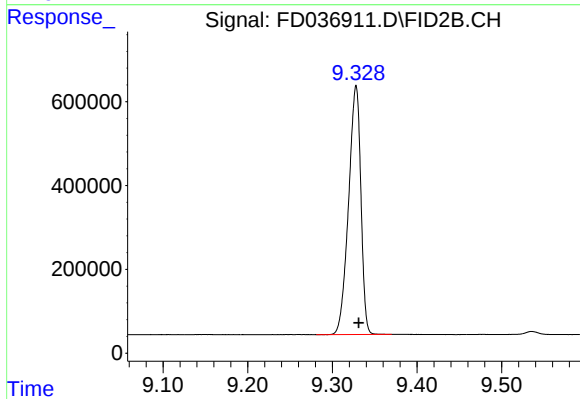
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.004 min
Response: 4163883
Conc: 44.36 ug/ml



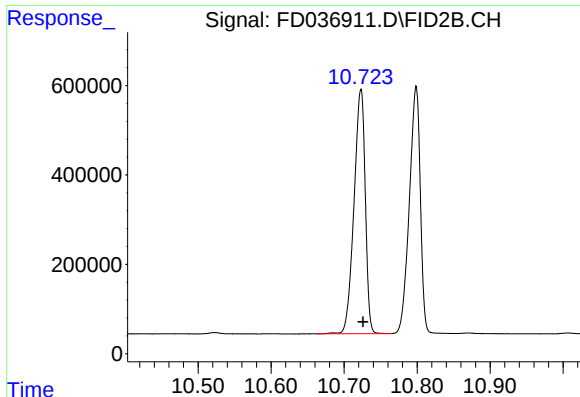
#7 Acenaphthene (C15.5)

R.T.: 8.548 min
Delta R.T.: -0.004 min
Response: 5877548
Conc: 37.86 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.328 min
Delta R.T.: -0.003 min
Response: 5990526
Conc: 39.79 ug/ml



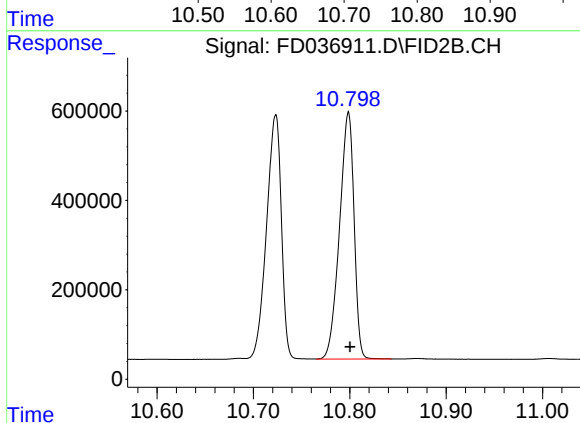
#9 Phenanthrene (C19.36)

R.T.: 10.723 min
Delta R.T.: -0.003 min
Response: 5854439
Conc: 39.94 ug/ml

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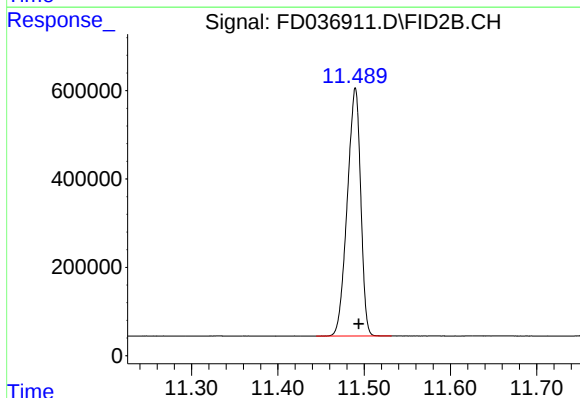
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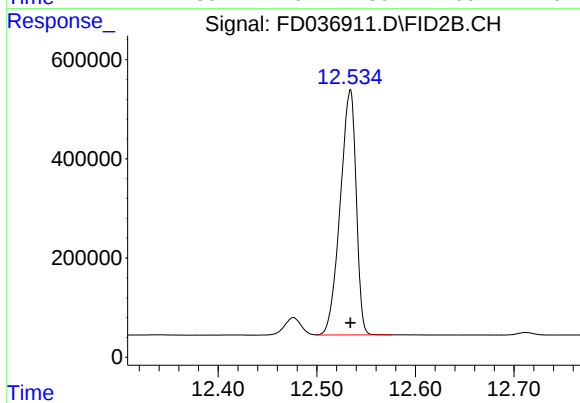
#10 Anthracene (C19.43)

R.T.: 10.799 min
Delta R.T.: -0.002 min
Response: 5769882
Conc: 39.86 ug/ml



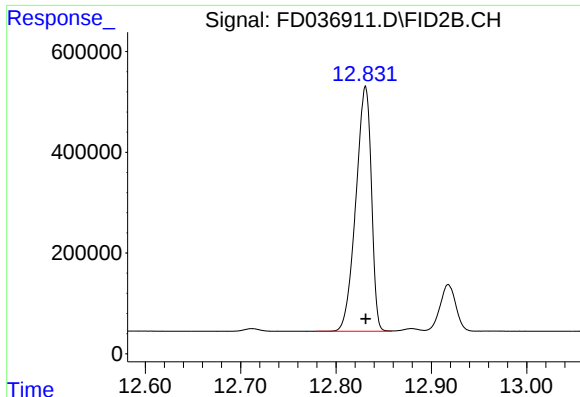
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 6078250
Conc: 39.80 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.534 min
Delta R.T.: 0.000 min
Response: 5558716
Conc: 39.59 ug/ml



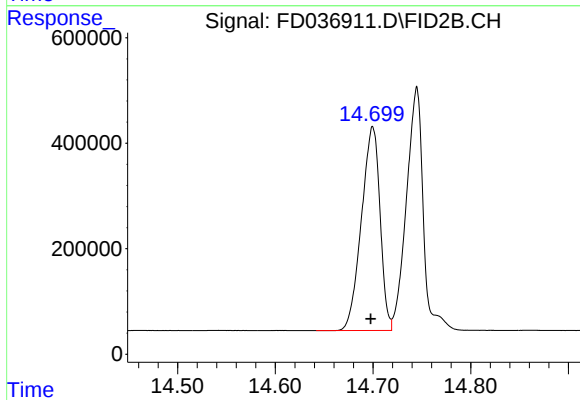
#13 Pyrene (C20.8)

R.T.: 12.831 min
Delta R.T.: 0.000 min
Response: 5485835
Conc: 39.98 ug/ml

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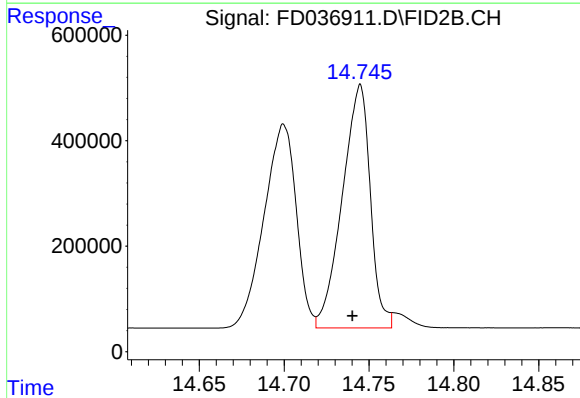
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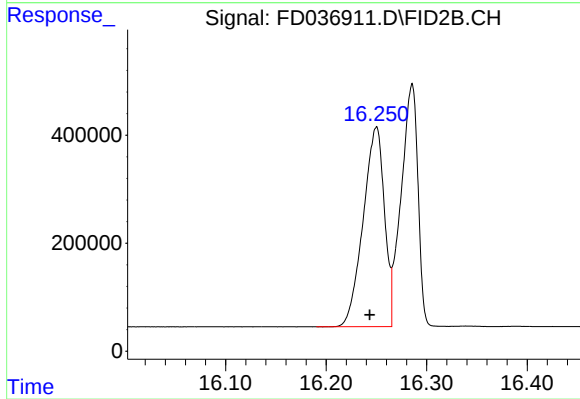
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.700 min
Delta R.T.: 0.002 min
Response: 5117688
Conc: 43.09 ug/ml



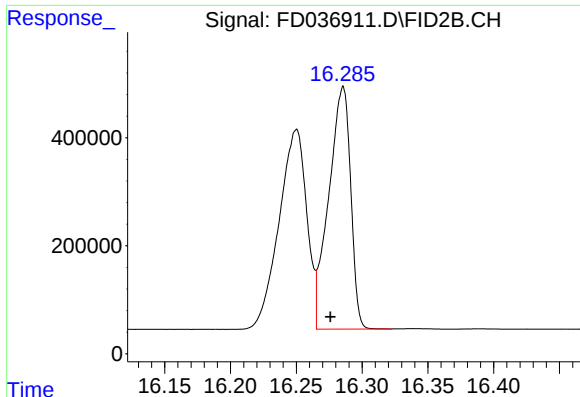
#15 Chrysene (C27.41)

R.T.: 14.745 min
Delta R.T.: 0.005 min
Response: 5301468
Conc: 43.84 ug/ml m



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

R.T.: 16.250 min
Delta R.T.: 0.007 min
Response: 5428430
Conc: 49.47 ug/ml



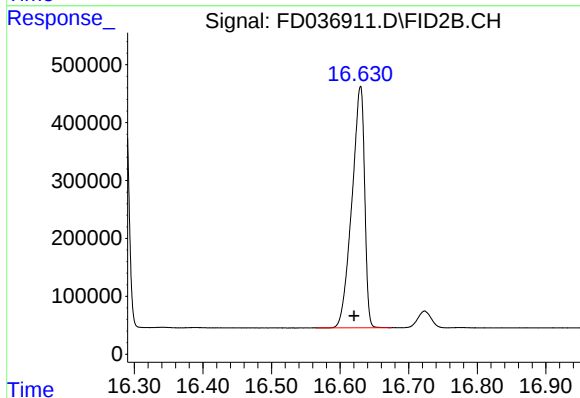
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.286 min
Delta R.T.: 0.010 min
Response: 5207736
Conc: 48.99 ug/ml

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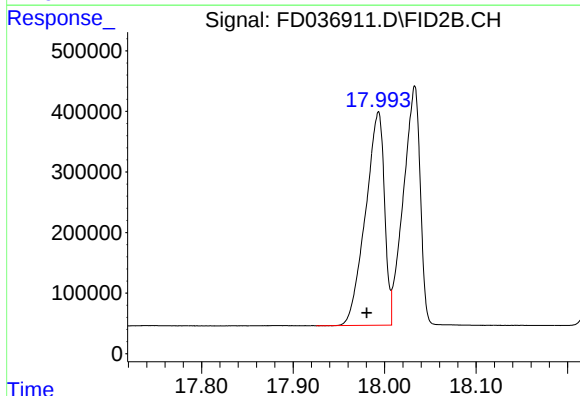
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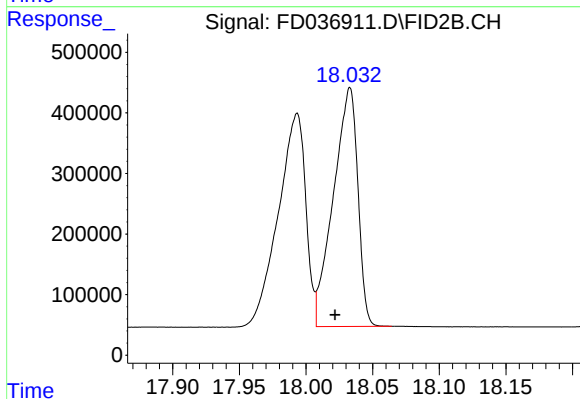
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: 0.009 min
Response: 5373323
Conc: 53.92 ug/ml



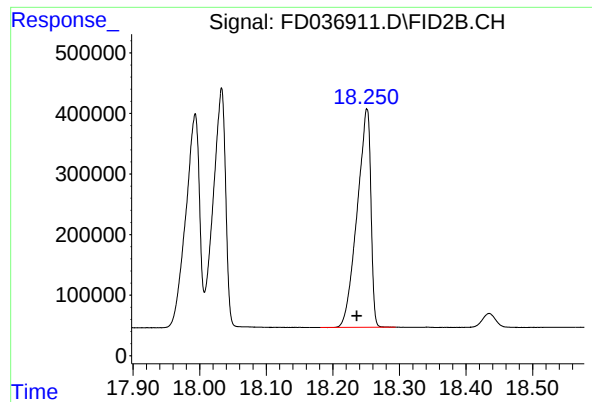
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.993 min
Delta R.T.: 0.013 min
Response: 5073235
Conc: 50.47 ug/ml



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

R.T.: 18.033 min
Delta R.T.: 0.011 min
Response: 5039502
Conc: 49.98 ug/ml



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

R.T.: 18.251 min
Delta R.T.: 0.015 min
Response: 5150891
Conc: 50.84 ug/ml

Instrument :
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