

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032521AR\
 Data File : FD036538.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2021 17:04
 Operator : DD\AJ
 Sample : M1789-02MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PIPE-02MS

Manual Integrations
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 3/26/2021 11:25:26 AM

Integration File: sample.E
 Quant Time: Mar 26 01:30:54 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...	7.593	6305892	44.836 ug/ml
Spiked Amount 50.000		Recovery =	89.67%
6) S 2-Fluorobiphenyl (SURR)	8.454	4271986	45.510 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.02%
11) S ortho-Terphenyl (SURR)	11.493	4076056	26.688 ug/ml
Spiked Amount 50.000		Recovery =	53.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	4496162	30.673 ug/ml
2) T Naphthalene (C11.7)	5.929	5091436	32.396 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	5332379	33.929 ug/ml
5) T Acenaphthylene (C15.06)	8.256	5351254	35.713 ug/ml
7) T Acenaphthene (C15.5)	8.553	5605609	36.111 ug/ml
8) T Flouorene (C16.55)	9.333	5801344	38.532 ug/ml
9) T Phenanthrene (C19.36)	10.728	5945059	40.561 ug/ml
10) T Anthracene (C19.43)	10.803	5850981	40.416 ug/ml
12) T Fluoranthene (C21.85)	12.539	5852156	41.683 ug/ml
13) T Pyrene (C20.8)	12.835	5735123	41.801 ug/ml
14) T Benzo[a]anthracene (C...	14.703	4982044	41.951 ug/ml
15) T Chrysene (C27.41)	14.747	5135407	42.465 ug/mlm
16) T benzo[b]fluoranthene ...	16.249	4696886	42.803 ug/ml
17) T Bnezo[k]fluoranthene ...	16.284	4453685	41.898 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.627	4486356	45.016 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.989	4108429	40.872 ug/ml
20) T Dibenz[a,h]anthracene...	18.029	4156059	41.217 ug/ml
21) T Benzo[g,h,i]perylene ...	18.245	4245105	41.897 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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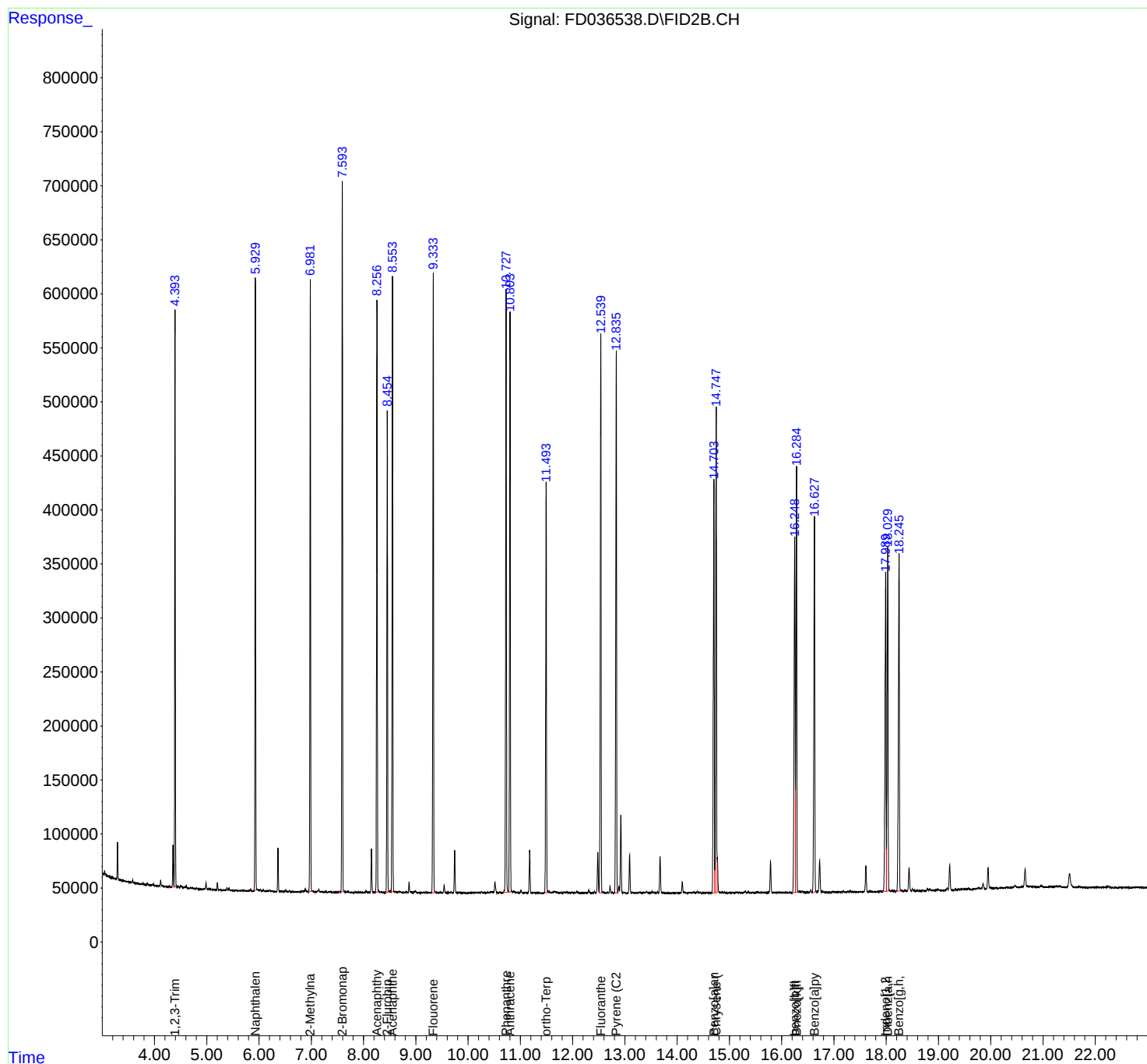
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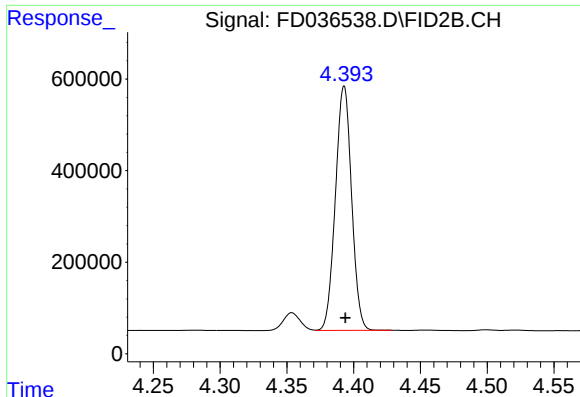
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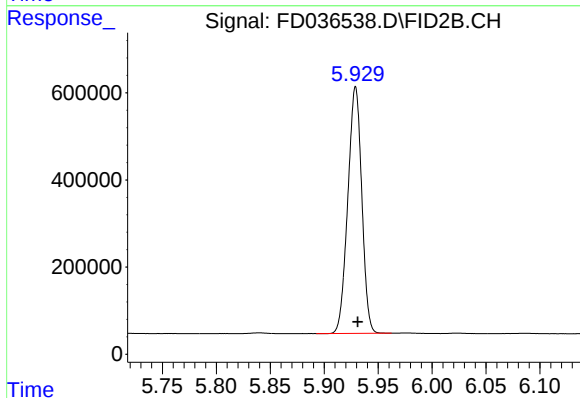
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.393 min
Delta R.T.: -0.001 min
Response: 4496162
Conc: 30.67 ug/ml

Instrument :
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PIPE-02MS

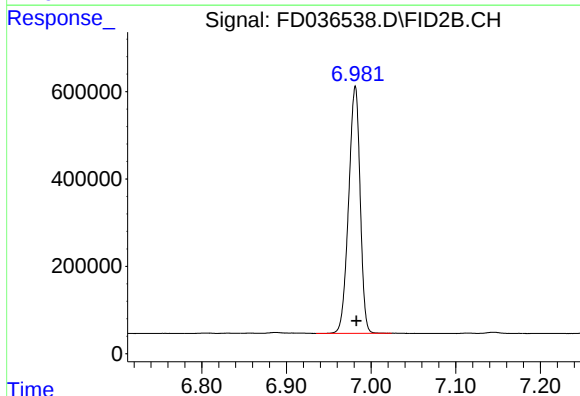
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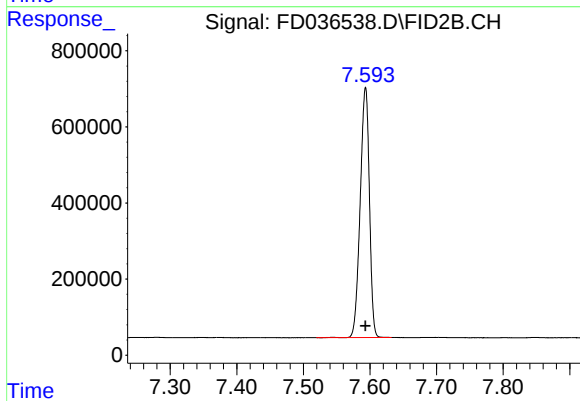
#2 Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 5091436
Conc: 32.40 ug/ml



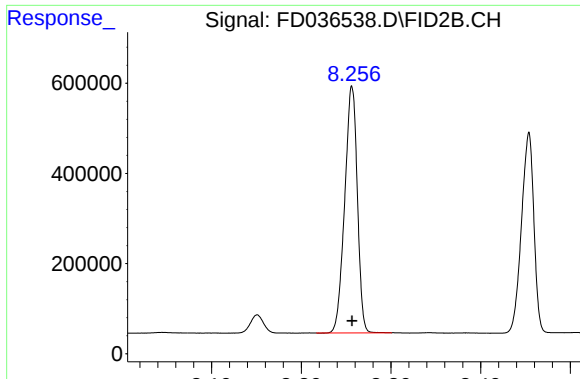
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 5332379
Conc: 33.93 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 6305892
Conc: 44.84 ug/ml



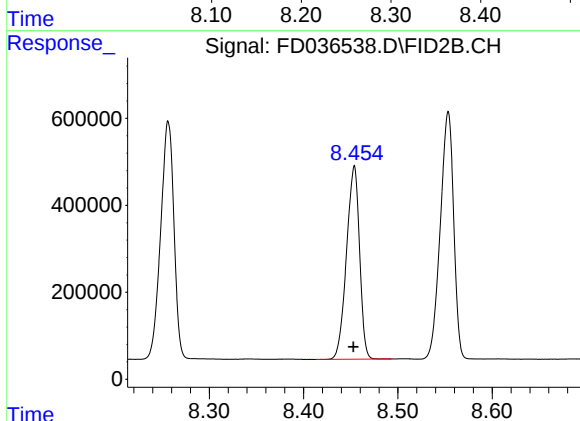
#5 Acenaphthylene (C15.06)

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 5351254
Conc: 35.71 ug/ml

Instrument :
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PIPE-02MS

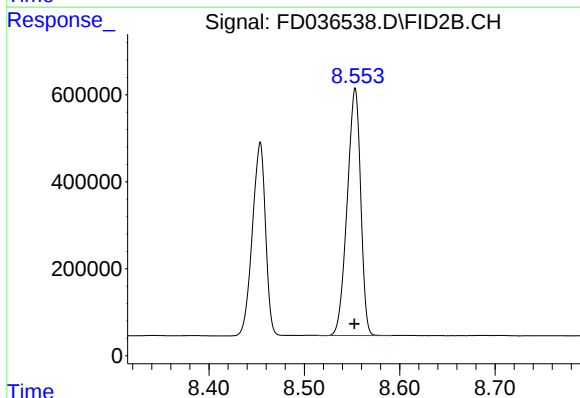
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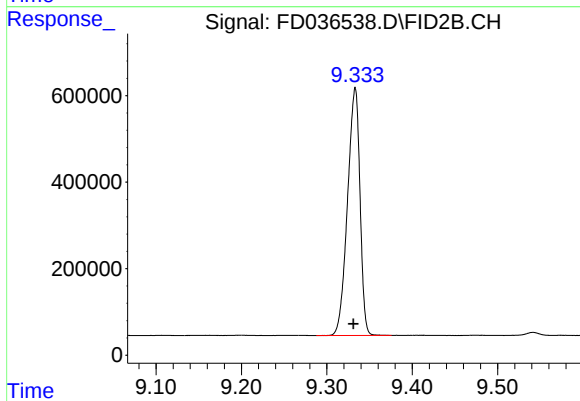
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: 0.001 min
Response: 4271986
Conc: 45.51 ug/ml



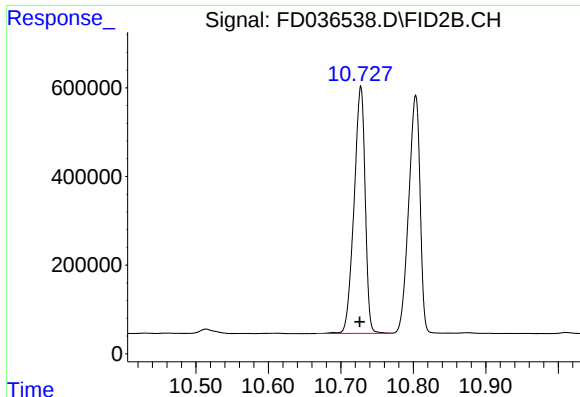
#7 Acenaphthene (C15.5)

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 5605609
Conc: 36.11 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.333 min
Delta R.T.: 0.002 min
Response: 5801344
Conc: 38.53 ug/ml



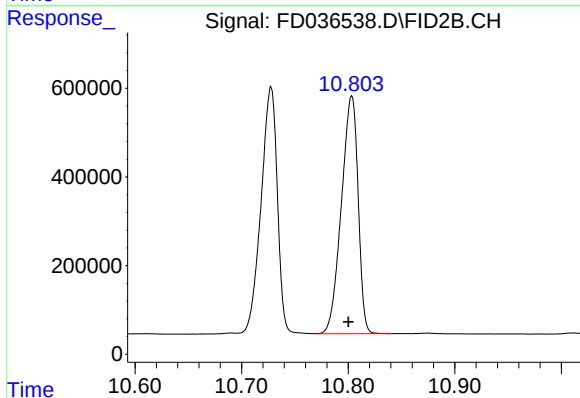
#9 Phenanthrene (C19.36)

R.T.: 10.728 min
Delta R.T.: 0.002 min
Response: 5945059
Conc: 40.56 ug/ml

Instrument :
FID_D
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PIPE-02MS

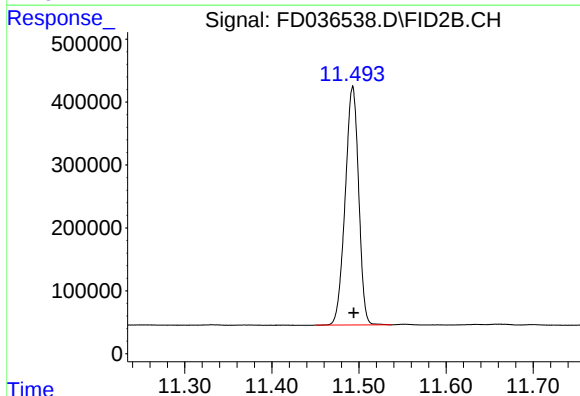
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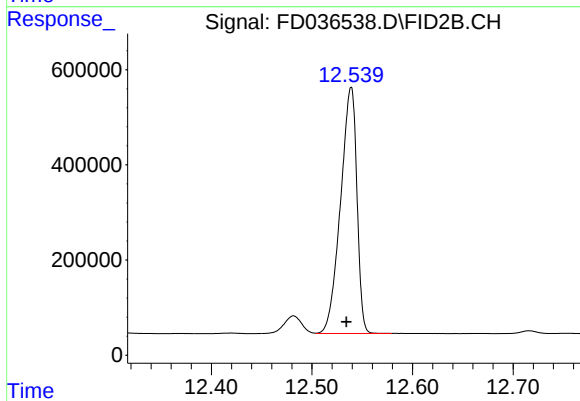
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: 0.003 min
Response: 5850981
Conc: 40.42 ug/ml



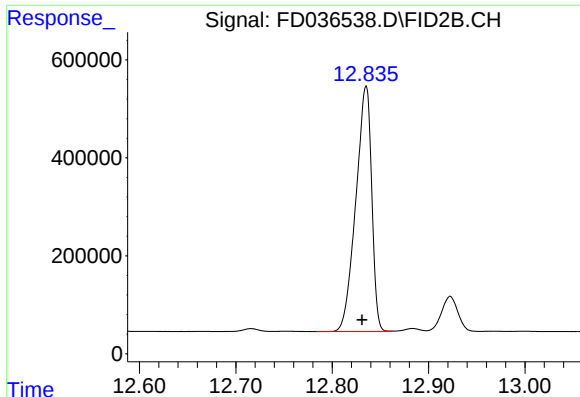
#11 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: -0.001 min
Response: 4076056
Conc: 26.69 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.539 min
Delta R.T.: 0.005 min
Response: 5852156
Conc: 41.68 ug/ml



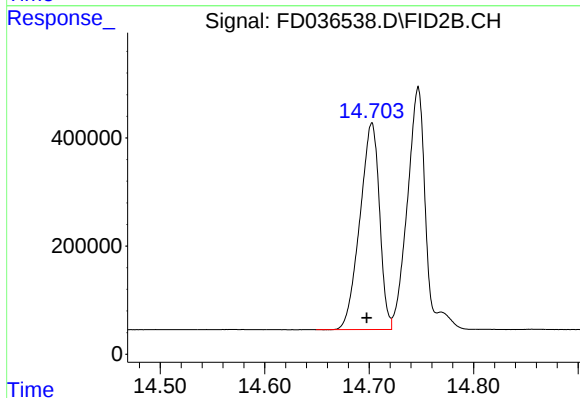
#13 Pyrene (C20.8)

R.T.: 12.835 min
Delta R.T.: 0.004 min
Response: 5735123
Conc: 41.80 ug/ml

Instrument :
FID_D
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PIPE-02MS

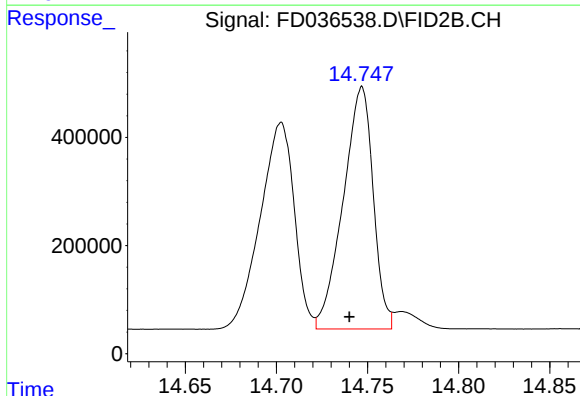
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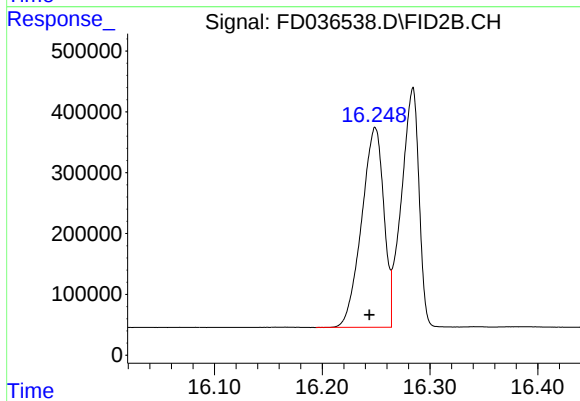
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.703 min
Delta R.T.: 0.005 min
Response: 4982044
Conc: 41.95 ug/ml



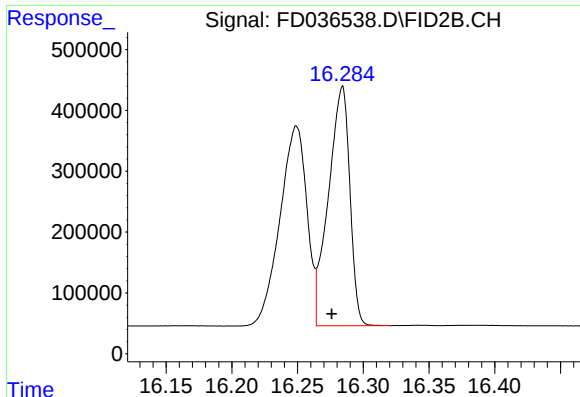
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: 0.007 min
Response: 5135407
Conc: 42.46 ug/ml m



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

R.T.: 16.249 min
Delta R.T.: 0.006 min
Response: 4696886
Conc: 42.80 ug/ml



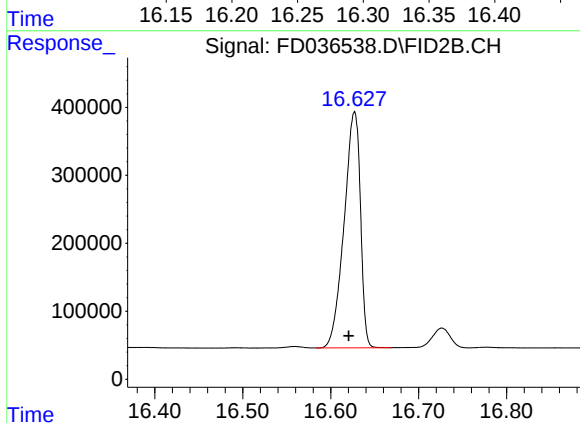
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.284 min
Delta R.T.: 0.008 min
Response: 4453685
Conc: 41.90 ug/ml

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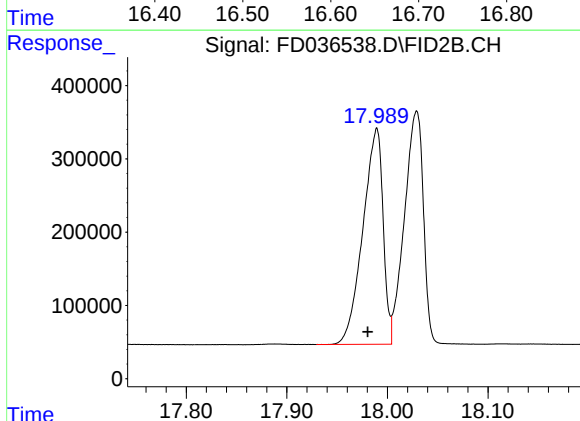
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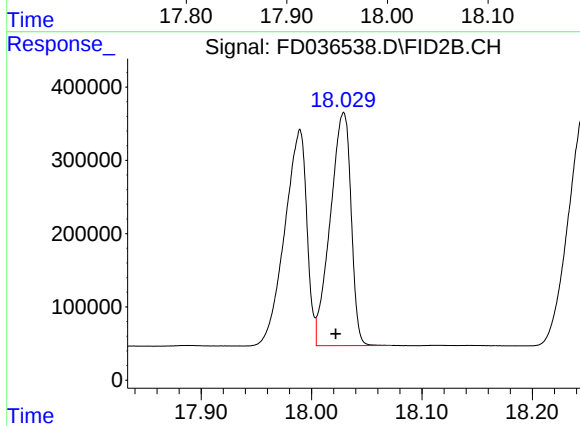
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.627 min
Delta R.T.: 0.006 min
Response: 4486356
Conc: 45.02 ug/ml



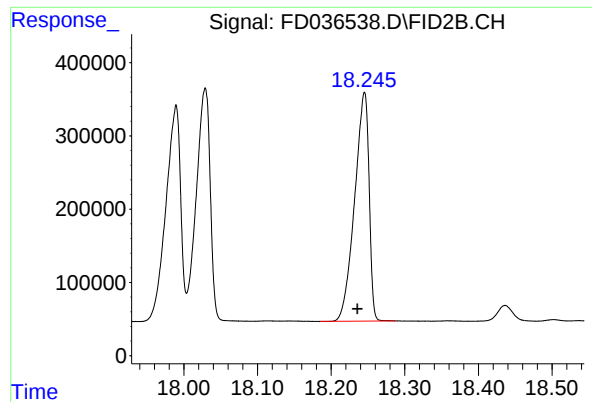
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.989 min
Delta R.T.: 0.009 min
Response: 4108429
Conc: 40.87 ug/ml



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

R.T.: 18.029 min
Delta R.T.: 0.007 min
Response: 4156059
Conc: 41.22 ug/ml



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

R.T.: 18.245 min
Delta R.T.: 0.009 min
Response: 4245105
Conc: 41.90 ug/ml

Instrument :
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