

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041421AR\
 Data File : FD036910.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 18:50
 Operator : DD\AJ
 Sample : PB135721BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135721BS

Manual Integrations
 APPROVED

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 4/15/2021 12:06:16 PM

Integration File: autoint1.e
 Quant Time: Apr 15 01:23:24 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...	7.589	7051411	50.137 ug/ml
Spiked Amount 50.000		Recovery =	100.27%
6) S 2-Fluorobiphenyl (SURR)	8.450	4320383	46.026 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.05%
11) S ortho-Terphenyl (SURR)	11.490	6281786	41.130 ug/ml
Spiked Amount 50.000		Recovery =	82.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.386	4833039	32.971 ug/ml
2) T Naphthalene (C11.7)	5.924	5545563	35.286 ug/ml
3) T 2-Methylnaphthalene (...)	6.977	5711980	36.344 ug/ml
5) T Acenaphthylene (C15.06)	8.253	6037354	40.292 ug/ml
7) T Acenaphthene (C15.5)	8.549	6028651	38.836 ug/ml
8) T Fluorene (C16.55)	9.328	6159101	40.908 ug/ml
9) T Phenanthrene (C19.36)	10.723	6029452	41.137 ug/ml
10) T Anthracene (C19.43)	10.799	5960697	41.174 ug/ml
12) T Fluoranthene (C21.85)	12.535	5748766	40.947 ug/ml
13) T Pyrene (C20.8)	12.831	5675873	41.369 ug/ml
14) T Benzo[a]anthracene (C...	14.700	5285049	44.502 ug/ml
15) T Chrysene (C27.41)	14.745	5537845	45.793 ug/mlm
16) T benzo[b]fluoranthene ...	16.250	5596352	51.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.286	5379780	50.610 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	5547327	55.662 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.994	5233900	52.069 ug/ml
20) T Dibenz[a,h]anthracene...	18.032	5212978	51.699 ug/ml
21) T Benzo[g,h,i]perylene ...	18.252	5335374	52.658 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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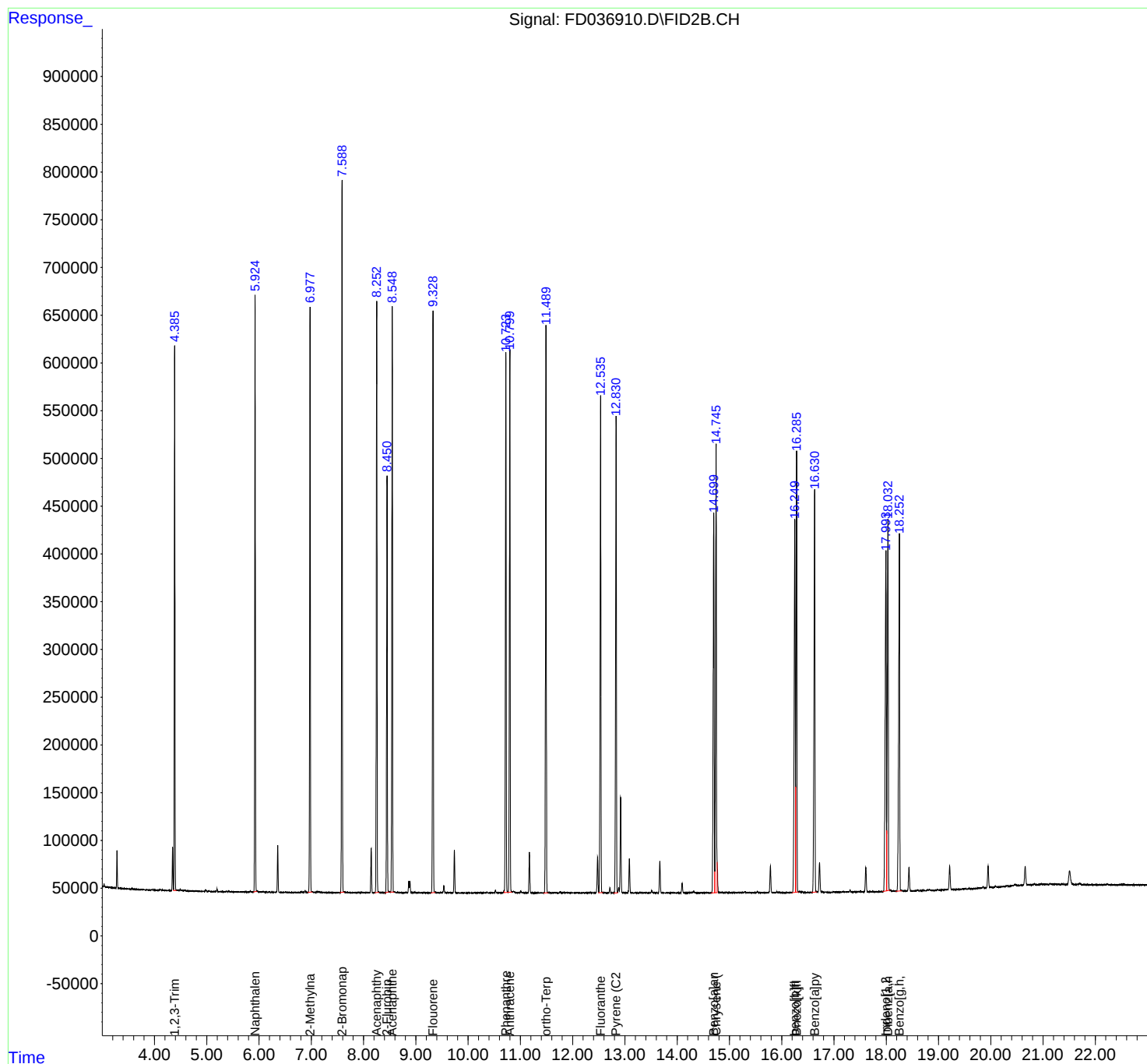
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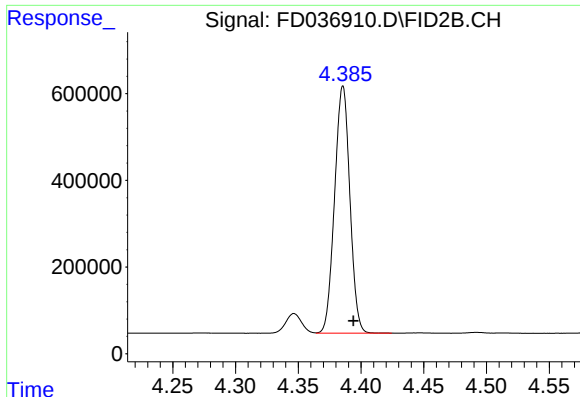
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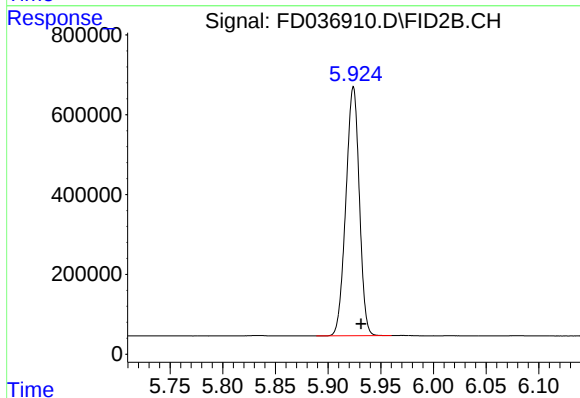
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.386 min
Delta R.T.: -0.008 min
Response: 4833039
Conc: 32.97 ug/ml

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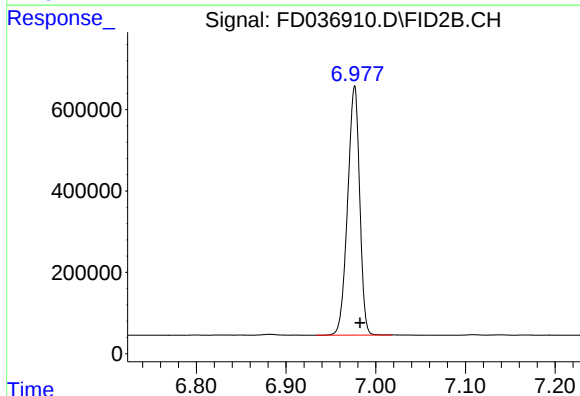
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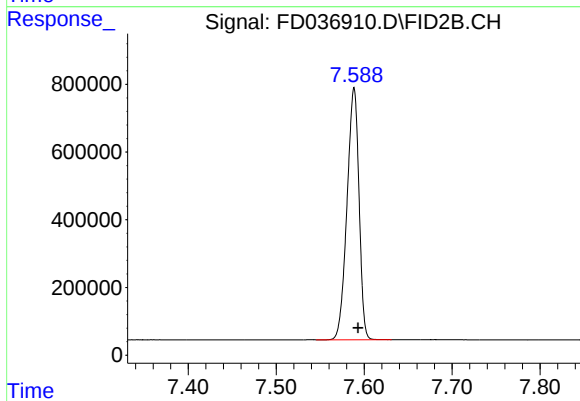
#2 Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.007 min
Response: 5545563
Conc: 35.29 ug/ml



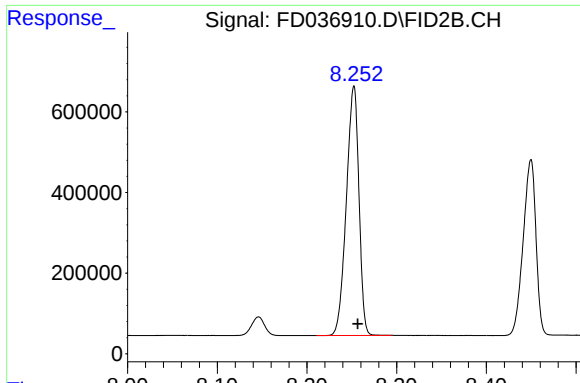
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.006 min
Response: 5711980
Conc: 36.34 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: -0.005 min
Response: 7051411
Conc: 50.14 ug/ml



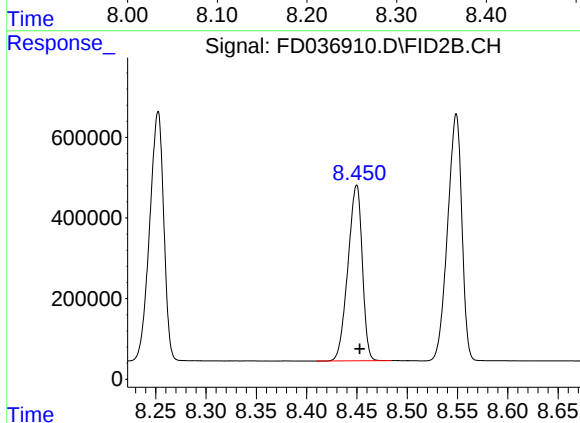
#5 Acenaphthylene (C15.06)

R.T.: 8.253 min
Delta R.T.: -0.004 min
Response: 6037354
Conc: 40.29 ug/ml

Instrument :
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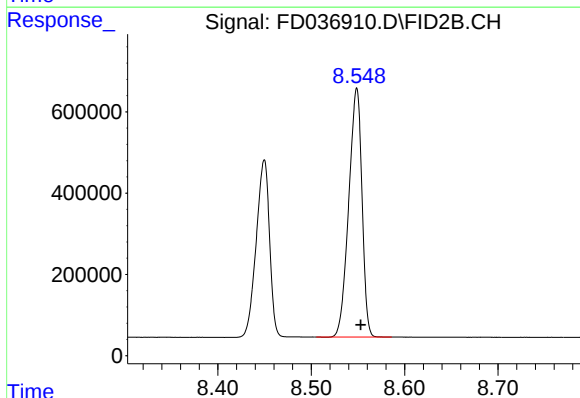
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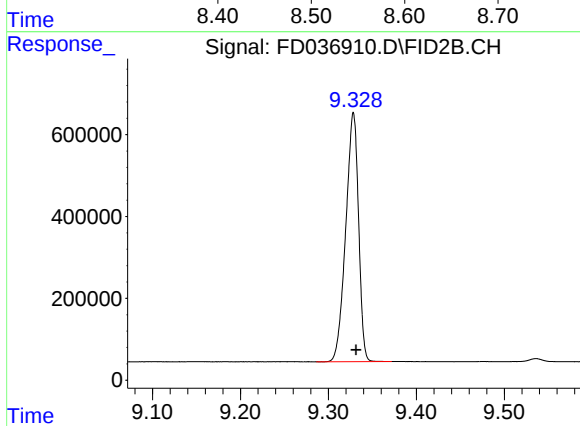
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.450 min
Delta R.T.: -0.003 min
Response: 4320383
Conc: 46.03 ug/ml



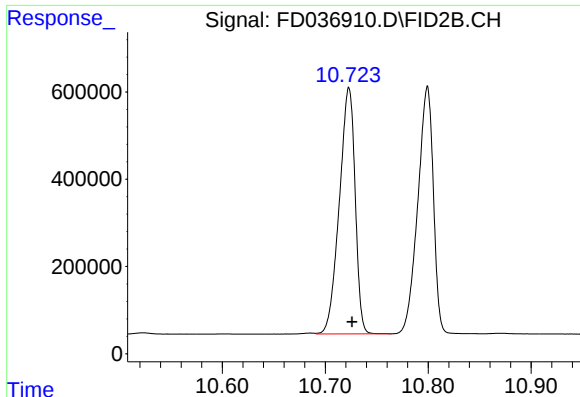
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: -0.004 min
Response: 6028651
Conc: 38.84 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.328 min
Delta R.T.: -0.003 min
Response: 6159101
Conc: 40.91 ug/ml



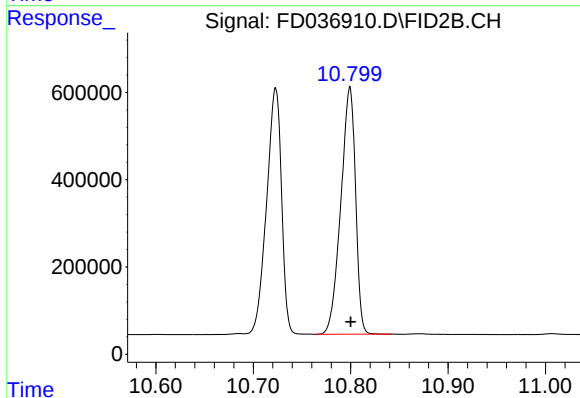
#9 Phenanthrene (C19.36)

R.T.: 10.723 min
Delta R.T.: -0.003 min
Response: 6029452
Conc: 41.14 ug/ml

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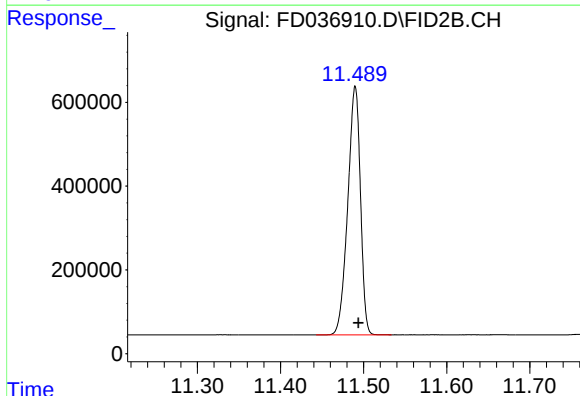
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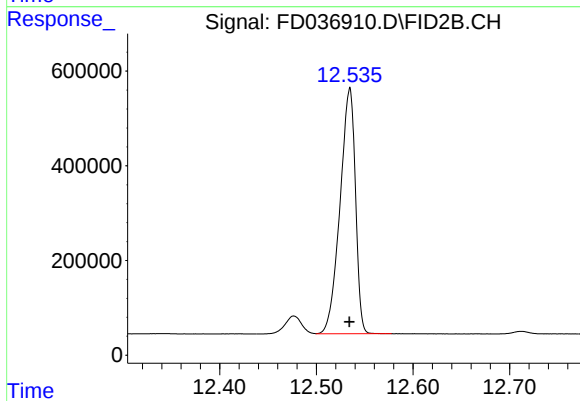
#10 Anthracene (C19.43)

R.T.: 10.799 min
Delta R.T.: 0.000 min
Response: 5960697
Conc: 41.17 ug/ml



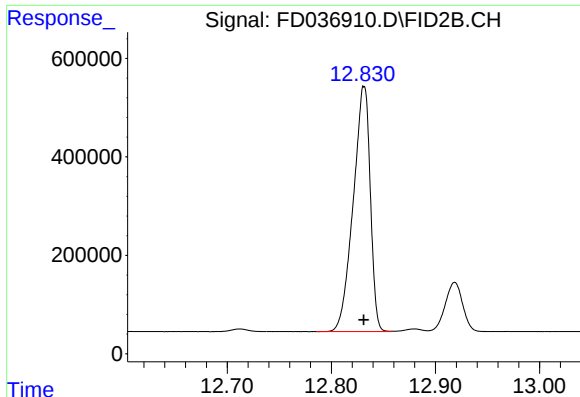
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 6281786
Conc: 41.13 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.535 min
Delta R.T.: 0.000 min
Response: 5748766
Conc: 40.95 ug/ml



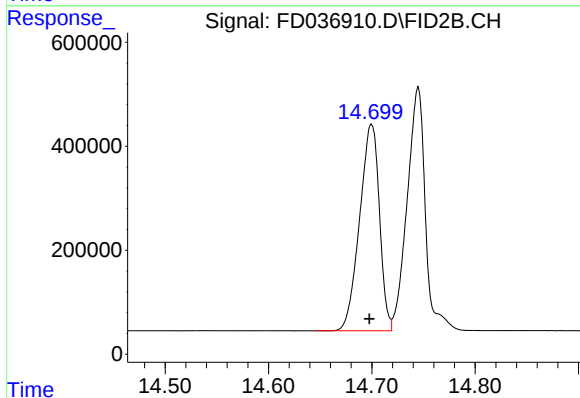
#13 Pyrene (C20.8)

R.T.: 12.831 min
Delta R.T.: 0.000 min
Response: 5675873
Conc: 41.37 ug/ml

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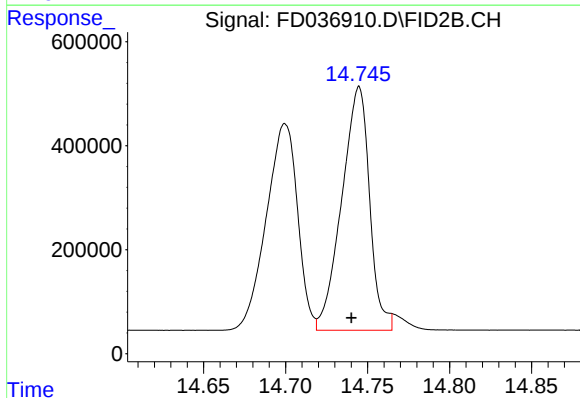
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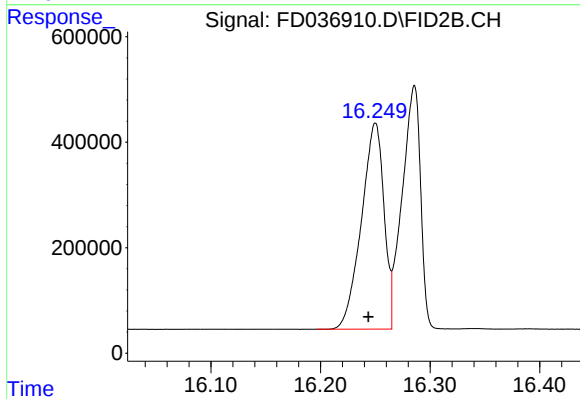
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.700 min
Delta R.T.: 0.002 min
Response: 5285049
Conc: 44.50 ug/ml



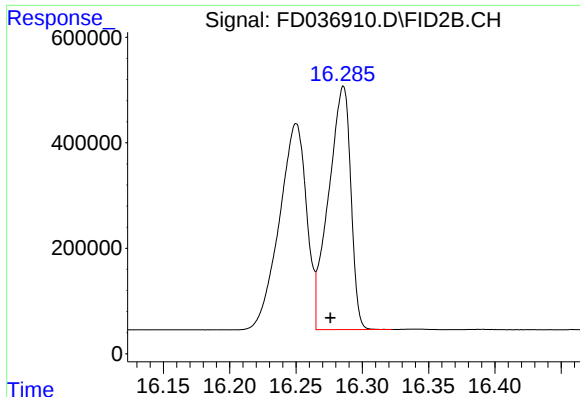
#15 Chrysene (C27.41)

R.T.: 14.745 min
Delta R.T.: 0.004 min
Response: 5537845
Conc: 45.79 ug/ml m



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

R.T.: 16.250 min
Delta R.T.: 0.007 min
Response: 5596352
Conc: 51.00 ug/ml



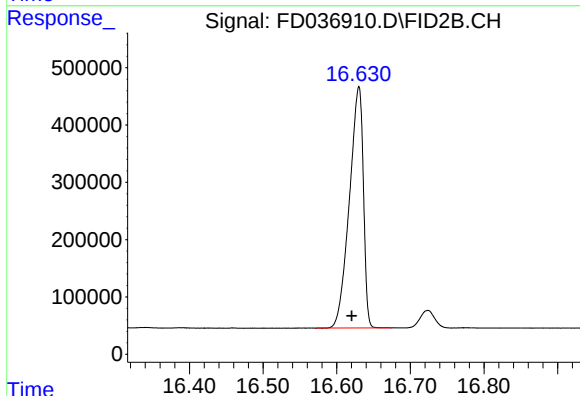
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.286 min
Delta R.T.: 0.010 min
Response: 5379780
Conc: 50.61 ug/ml

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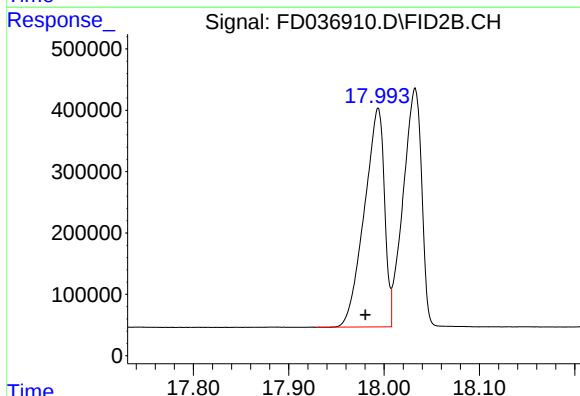
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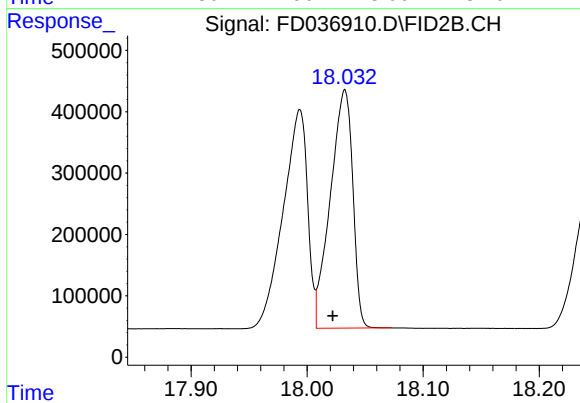
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: 0.009 min
Response: 5547327
Conc: 55.66 ug/ml



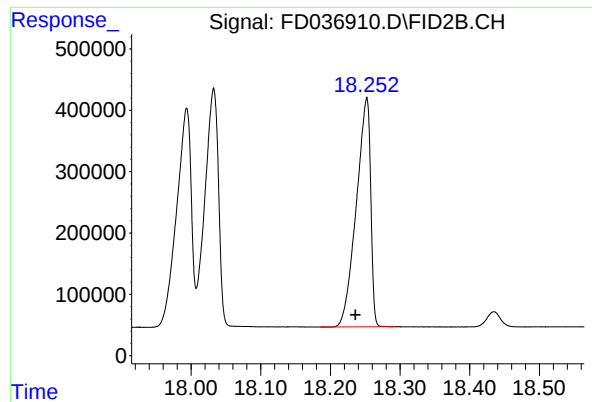
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.994 min
Delta R.T.: 0.013 min
Response: 5233900
Conc: 52.07 ug/ml



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

R.T.: 18.032 min
Delta R.T.: 0.011 min
Response: 5212978
Conc: 51.70 ug/ml



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

R.T.: 18.252 min
Delta R.T.: 0.016 min
Response: 5335374
Conc: 52.66 ug/ml

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