

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050319AR\
 Data File : FD029113.D
 Signal(s) : FID2B.CH
 Acq On : 03 May 2019 10:31
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 04 01:24:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 2019
 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...	7.079	1758978	17.635 ug/ml
Spiked Amount 50.000		Recovery =	35.27%
6) S 2-Fluorobiphenyl (SURR)	7.947	1181582	17.242 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.48%
11) S ortho-Terphenyl (SURR)	10.986	1955931	18.358 ug/ml
Spiked Amount 50.000		Recovery =	36.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.902	1943624	20.559 ug/mlm
2) T Naphthalene (C11.7)	5.425	2006216	18.773 ug/ml
3) T 2-Methylnaphthalene (...)	6.472	1959523	17.904 ug/ml
5) T Acenaphthylene (C15.06)	7.750	1848479	17.266 ug/ml
7) T Acenaphthene (C15.5)	8.046	1937774	17.240 ug/ml
8) T Flouorene (C16.55)	8.826	1938985	17.326 ug/ml
9) T Phenanthrene (C19.36)	10.224	1977338	18.419 ug/ml
10) T Anthracene (C19.43)	10.298	1982611	18.638 ug/ml
12) T Fluoranthene (C21.85)	12.036	2075348	20.654 ug/ml
13) T Pyrene (C20.8)	12.334	2113412	20.822 ug/ml
14) T Benzo[a]anthracene (C...	14.202	2120194	20.905 ug/ml
15) T Chrysene (C27.41)	14.245	2130502	20.899 ug/ml
16) T benzo[b]fluoranthene ...	15.751	2191427	20.425 ug/ml
17) T Bnezo[k]fluoranthene ...	15.783	2167146	20.410 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.130	2156307	20.188 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.491	2122418	19.651 ug/ml
20) T Dibenz[a,h]anthracene...	17.529	2054481	19.379 ug/ml
21) T Benzo[g,h,i]perylene ...	17.747	2142373	20.012 ug/ml

(f)=RT Delta > 1/2 Window

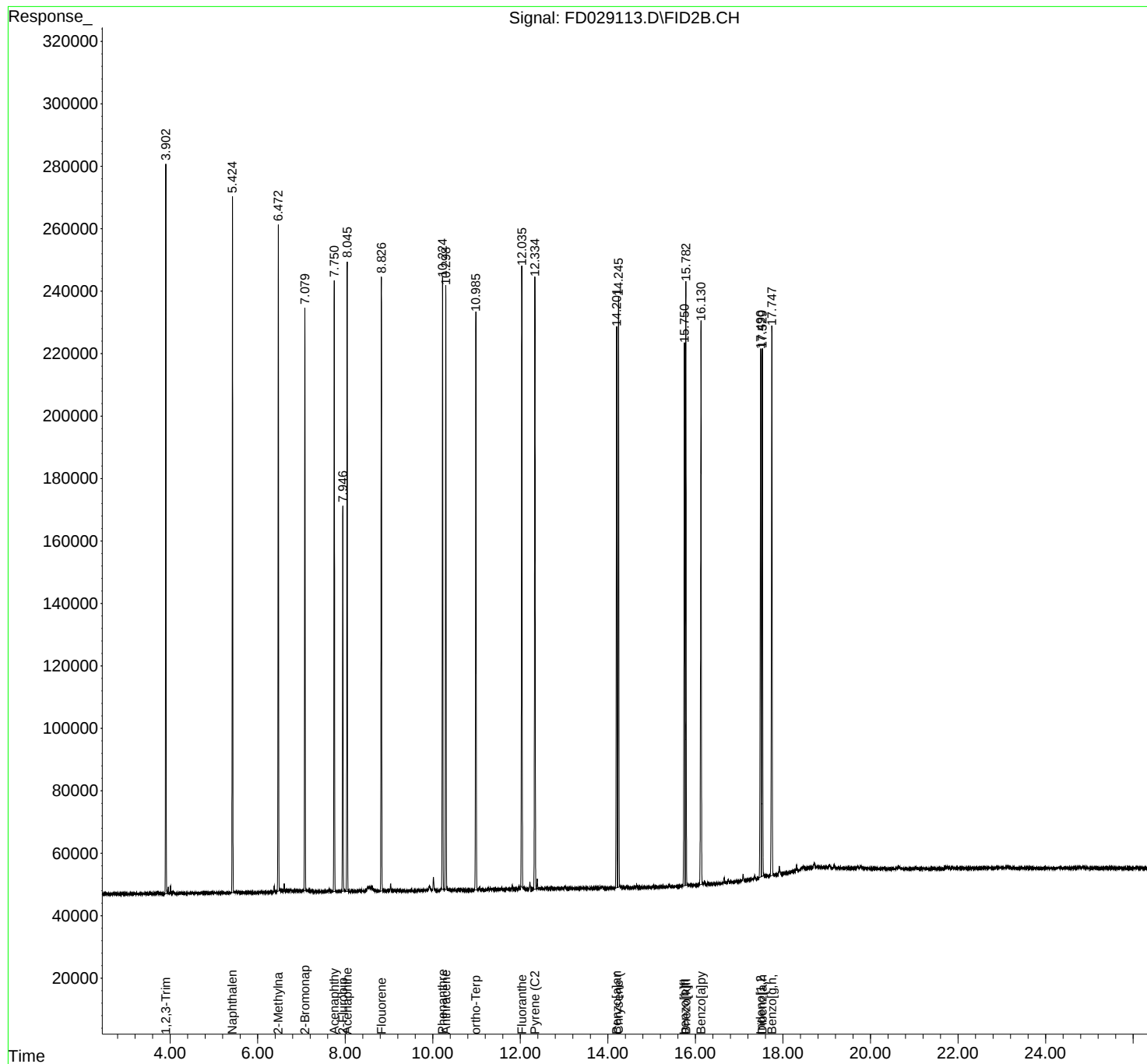
(m)=manual int.

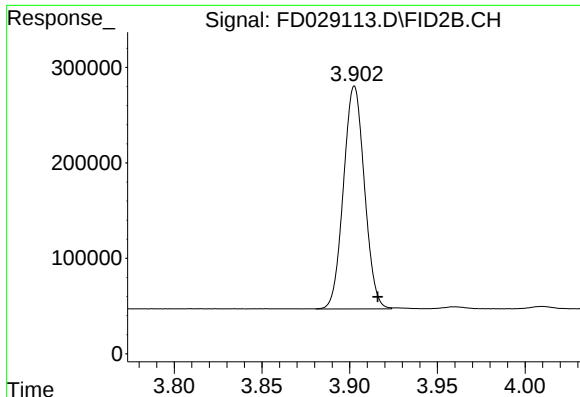
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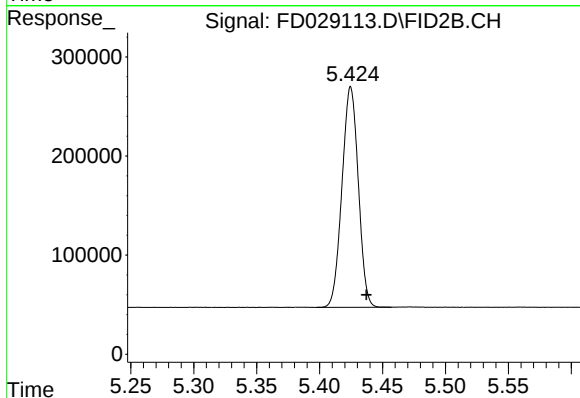




#1 1,2,3-Trimethylbenzene (C10.1)

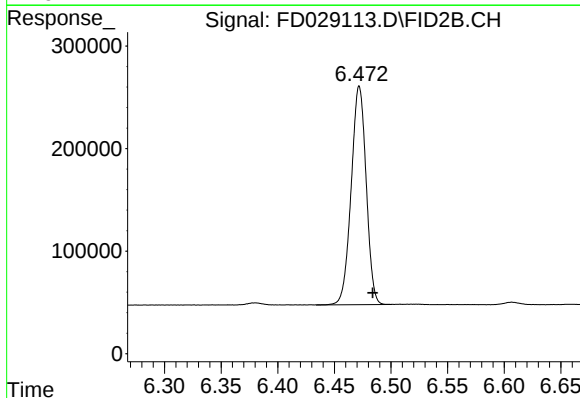
R.T.: 3.902 min
Delta R.T.: -0.014 min
Response: 1943624
Conc: 20.56 ug/ml m

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20 PPM AROMATIC HC STD



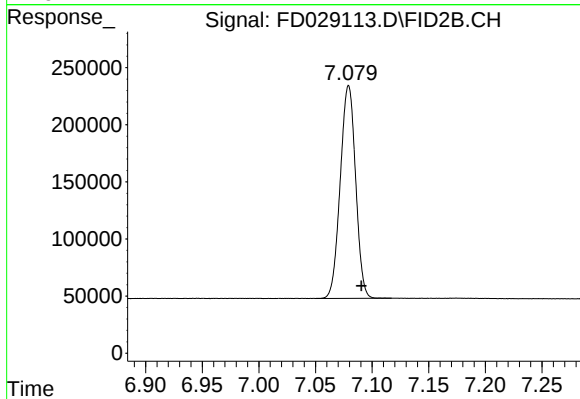
#2 Naphthalene (C11.7)

R.T.: 5.425 min
Delta R.T.: -0.013 min
Response: 2006216
Conc: 18.77 ug/ml



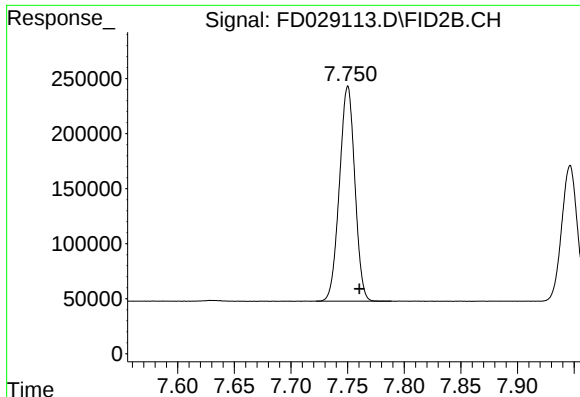
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.472 min
Delta R.T.: -0.012 min
Response: 1959523
Conc: 17.90 ug/ml



#4 2-Bromonaphthalene (SURR)

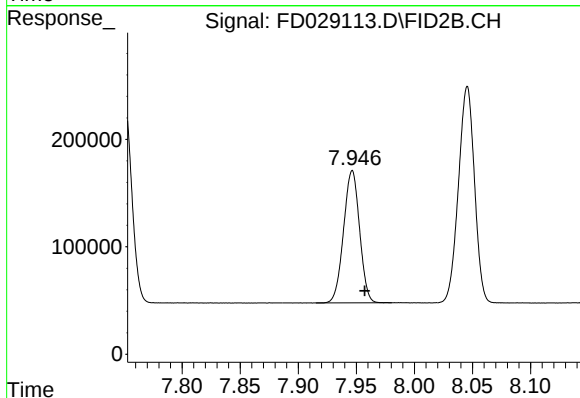
R.T.: 7.079 min
Delta R.T.: -0.011 min
Response: 1758978
Conc: 17.63 ug/ml



#5 Acenaphthylene (C15.06)

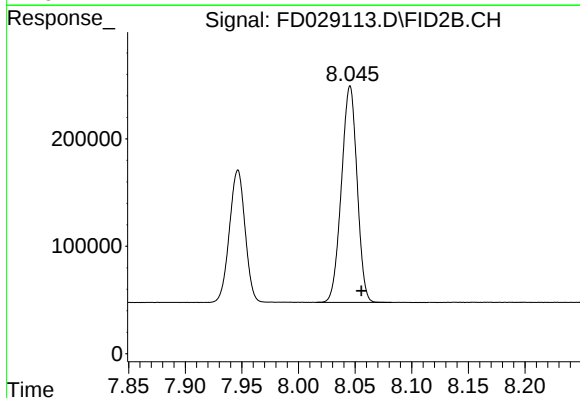
R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 1848479
Conc: 17.27 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



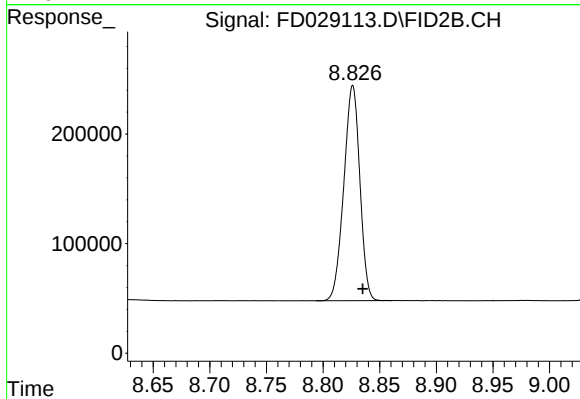
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.947 min
Delta R.T.: -0.011 min
Response: 1181582
Conc: 17.24 ug/ml



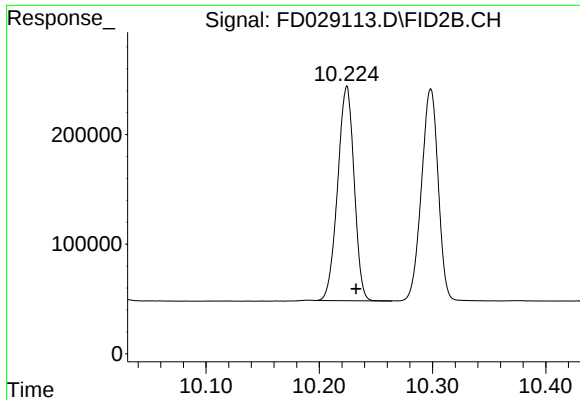
#7 Acenaphthene (C15.5)

R.T.: 8.046 min
Delta R.T.: -0.010 min
Response: 1937774
Conc: 17.24 ug/ml



#8 Flouorene (C16.55)

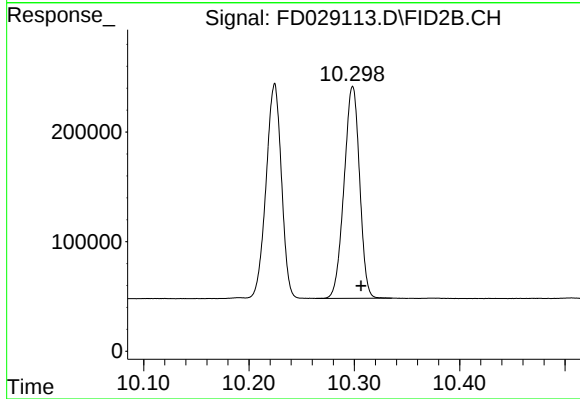
R.T.: 8.826 min
Delta R.T.: -0.009 min
Response: 1938985
Conc: 17.33 ug/ml



#9 Phenanthrene (C19.36)

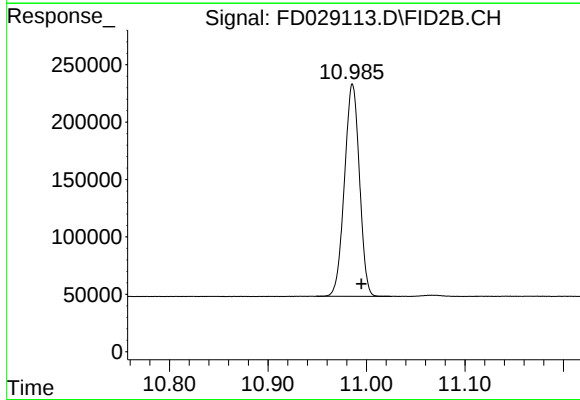
R.T.: 10.224 min
Delta R.T.: -0.008 min
Response: 1977338
Conc: 18.42 ug/ml

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20 PPM AROMATIC HC STD



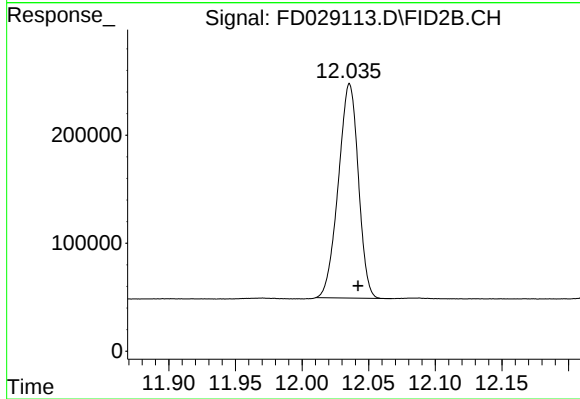
#10 Anthracene (C19.43)

R.T.: 10.298 min
Delta R.T.: -0.008 min
Response: 1982611
Conc: 18.64 ug/ml



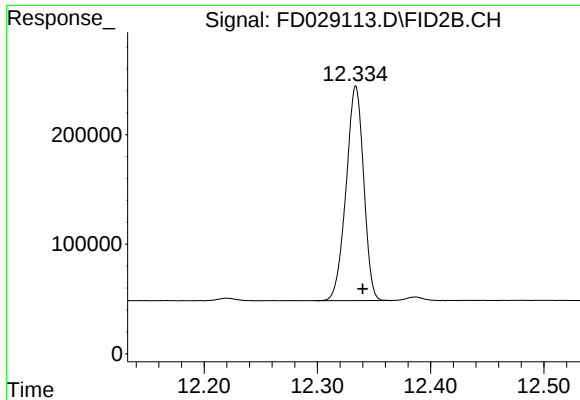
#11 ortho-Terphenyl (SURR)

R.T.: 10.986 min
Delta R.T.: -0.009 min
Response: 1955931
Conc: 18.36 ug/ml



#12 Fluoranthene (C21.85)

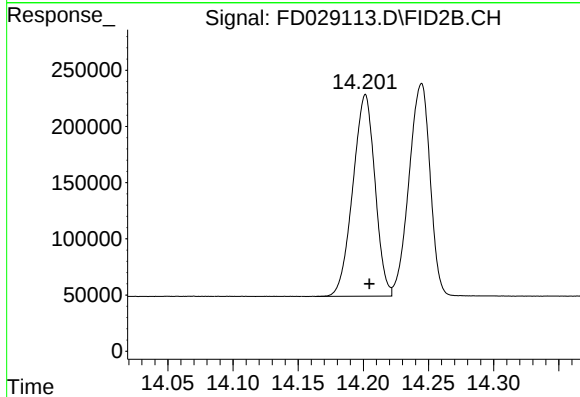
R.T.: 12.036 min
Delta R.T.: -0.006 min
Response: 2075348
Conc: 20.65 ug/ml



#13 Pyrene (C20.8)

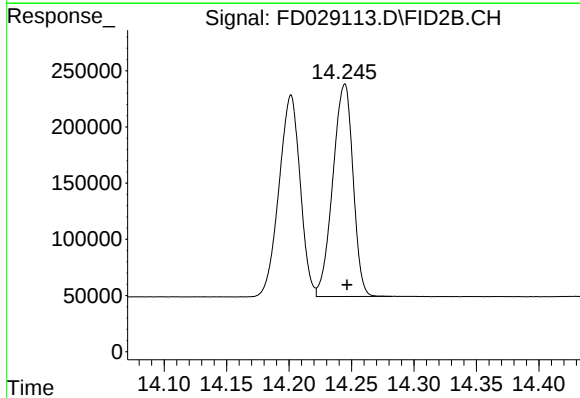
R.T.: 12.334 min
Delta R.T.: -0.006 min
Response: 2113412
Conc: 20.82 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



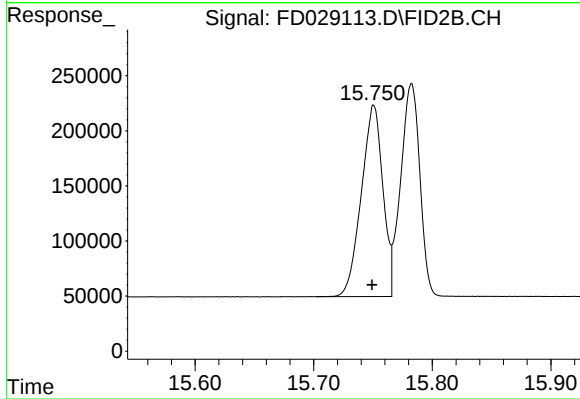
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.202 min
Delta R.T.: -0.003 min
Response: 2120194
Conc: 20.91 ug/ml



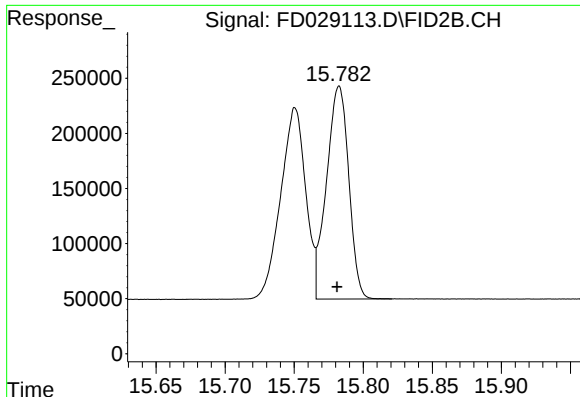
#15 Chrysene (C27.41)

R.T.: 14.245 min
Delta R.T.: -0.002 min
Response: 2130502
Conc: 20.90 ug/ml



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

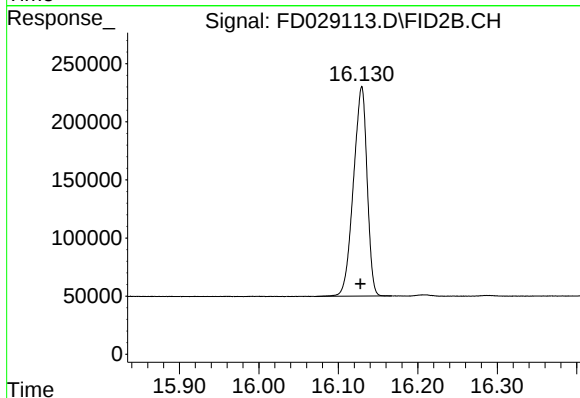
R.T.: 15.751 min
Delta R.T.: 0.002 min
Response: 2191427
Conc: 20.42 ug/ml



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

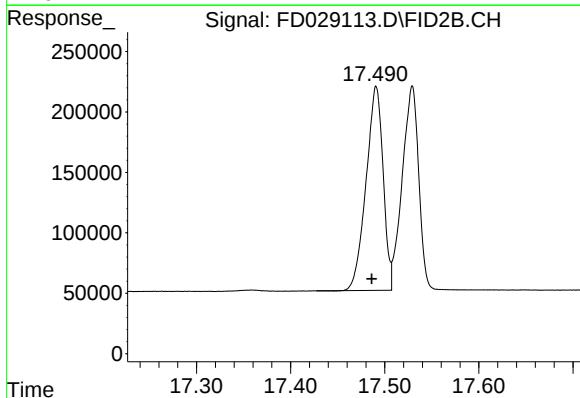
R.T.: 15.783 min
Delta R.T.: 0.001 min
Response: 2167146
Conc: 20.41 ug/ml

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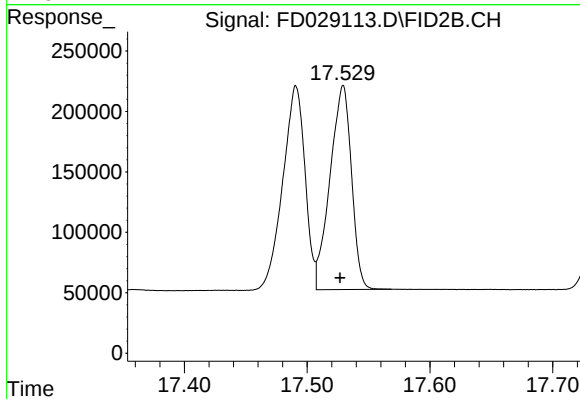
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.130 min
Delta R.T.: 0.002 min
Response: 2156307
Conc: 20.19 ug/ml



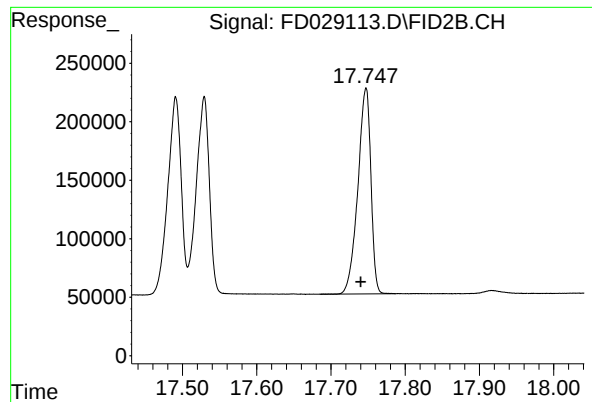
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.491 min
Delta R.T.: 0.005 min
Response: 2122418
Conc: 19.65 ug/ml



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

R.T.: 17.529 min
Delta R.T.: 0.002 min
Response: 2054481
Conc: 19.38 ug/ml



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

R.T.: 17.747 min
Delta R.T.: 0.007 min
Response: 2142373
Conc: 20.01 ug/ml

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ClientSampleId :
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