

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021819AR\
 Data File : FD027792.D
 Signal(s) : FID2B.CH
 Acq On : 18 Feb 2019 11:12
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
 APPROVED

Sohil
 2/19/2019 10:58:01 AM

Integration File: autoint1.e
 Quant Time: Feb 19 02:36:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.334	1791518	24.132 ug/ml
Spiked Amount 50.000		Recovery =	48.26%
6) S 2-Fluorobiphenyl (SURR)	8.182	1154529	22.692 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.38%
11) S ortho-Terphenyl (SURR)	11.220	1876627	21.170 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.143	1940676	24.555 ug/ml
2) T Naphthalene (C11.7)	5.670	2115144	24.850 ug/mlm
3) T 2-Methylnaphthalene (...)	6.720	2060931	24.429 ug/ml
5) T Acenaphthylene (C15.06)	7.986	1895939	22.644 ug/mlm
7) T Acenaphthene (C15.5)	8.280	1973363	22.450 ug/ml
8) T Flouorene (C16.55)	9.059	1894127	21.719 ug/mlm
9) T Phenanthrene (C19.36)	10.443	1791466	20.394 ug/mlm
10) T Anthracene (C19.43)	10.519	1831094	21.191 ug/mlm
12) T Fluoranthene (C21.85)	12.246	1884453	21.049 ug/ml
13) T Pyrene (C20.8)	12.539	1864965	21.017 ug/ml
14) T Benzo[a]anthracene (C...	14.405	1828159	20.446 ug/ml
15) T Chrysene (C27.41)	14.447	1974485	21.742 ug/ml
16) T benzo[b]fluoranthene ...	15.949	1860435	19.049 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.981	1901948	19.236 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.322	1944834	19.891 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.683	1835543	18.510 ug/mlm
20) T Dibenz[a,h]anthracene...	17.723	1909829	19.416 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.933	1883095	18.575 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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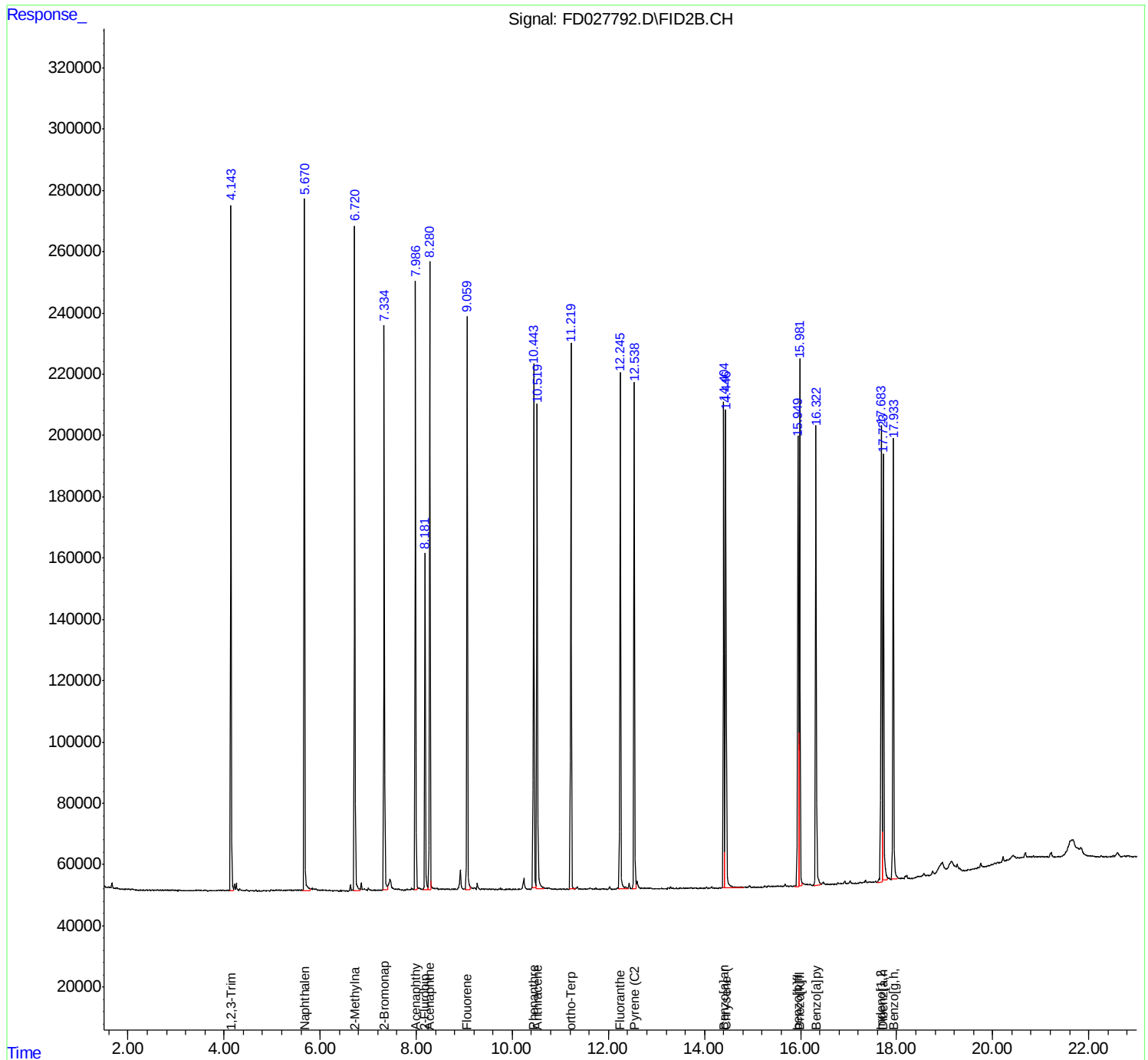
Instrument :
FID_D
ClientSampleId :

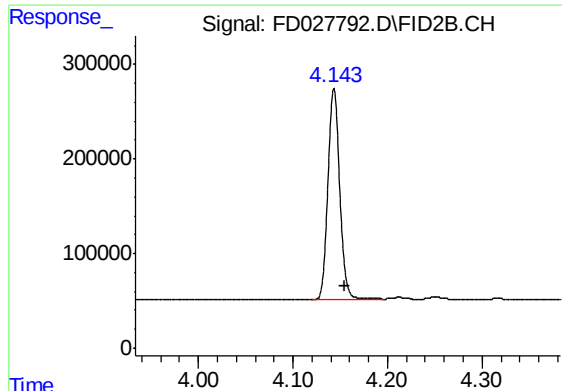
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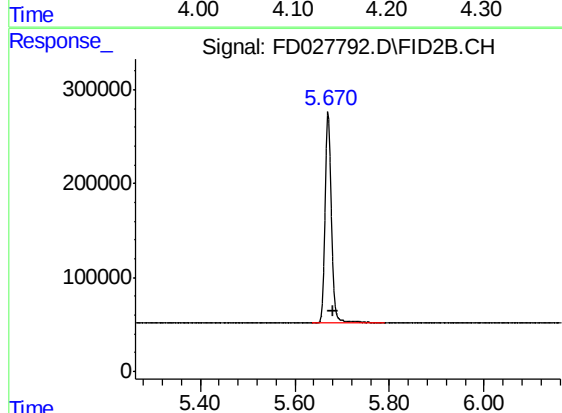
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.143 min
Delta R.T.: -0.012 min
Response: 1940676
Conc: 24.55 ug/ml

Instrument :
FID_D
ClientSampleId :

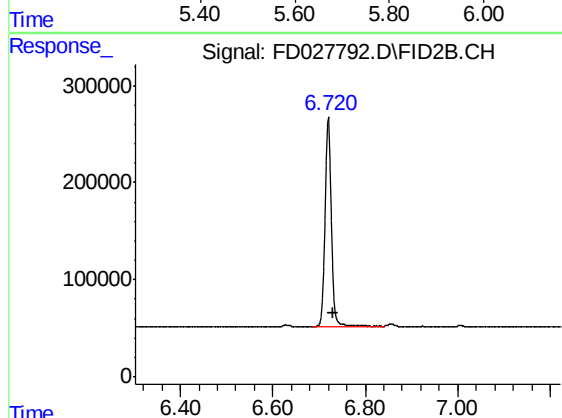
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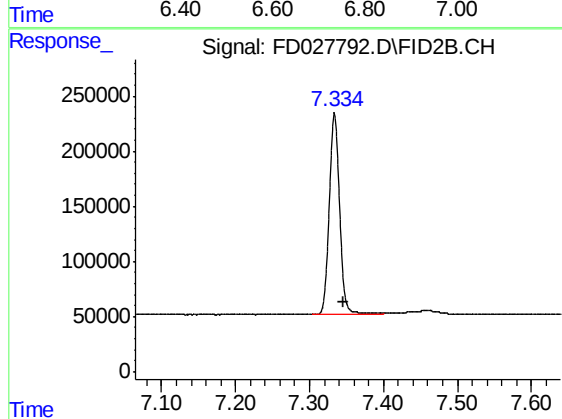
#2 Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.012 min
Response: 2115144
Conc: 24.85 ug/ml m



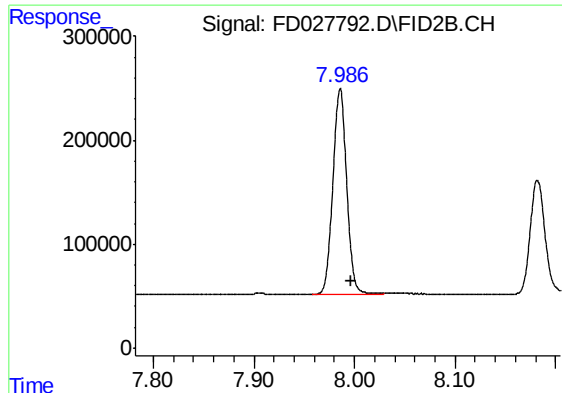
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: -0.012 min
Response: 2060931
Conc: 24.43 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min
Delta R.T.: -0.011 min
Response: 1791518
Conc: 24.13 ug/ml



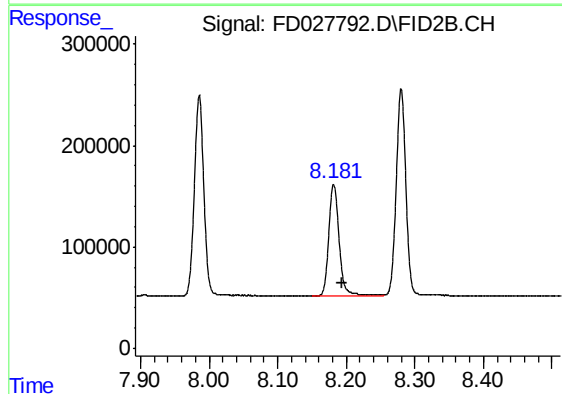
#5 Acenaphthylene (C15.06)

R.T.: 7.986 min
Delta R.T.: -0.011 min
Response: 1895939
Conc: 22.64 ug/ml m

Instrument :
FID_D
ClientSampleId :

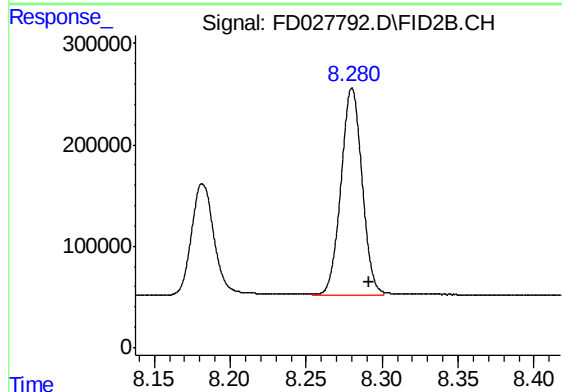
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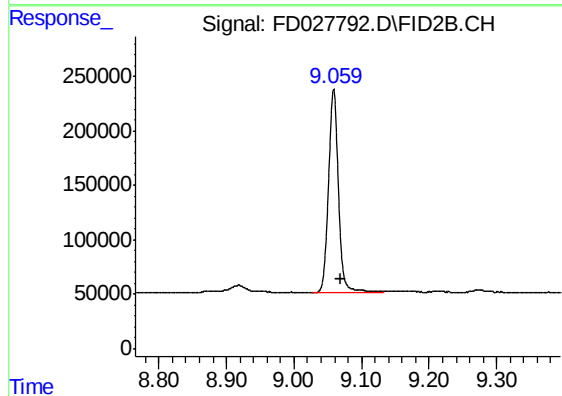
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.012 min
Response: 1154529
Conc: 22.69 ug/ml



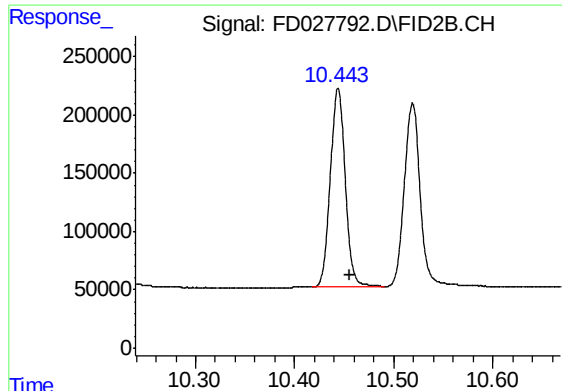
#7 Acenaphthene (C15.5)

R.T.: 8.280 min
Delta R.T.: -0.012 min
Response: 1973363
Conc: 22.45 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.059 min
Delta R.T.: -0.011 min
Response: 1894127
Conc: 21.72 ug/ml m



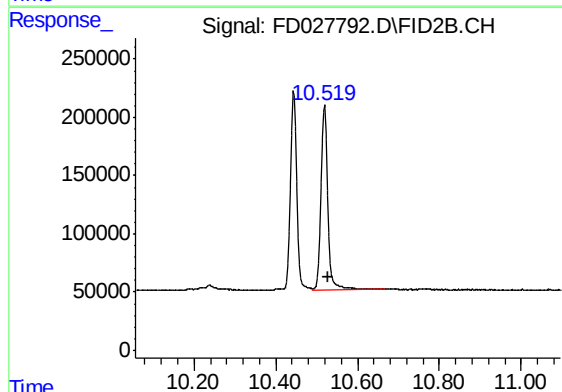
#9 Phenanthrene (C19.36)

R.T.: 10.443 min
Delta R.T.: -0.013 min
Response: 1791466
Conc: 20.39 ug/ml m

Instrument :
FID_D
ClientSampleId :

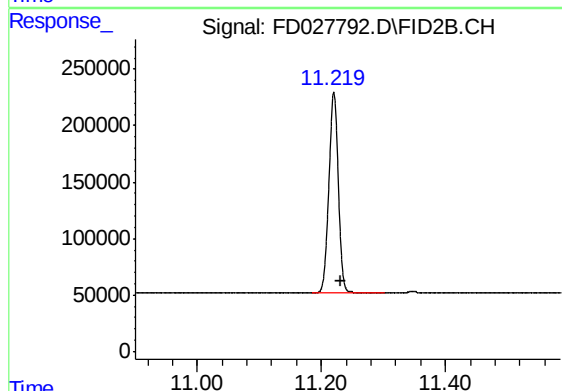
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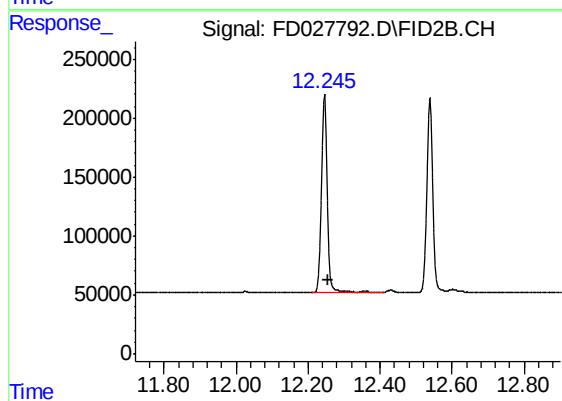
#10 Anthracene (C19.43)

R.T.: 10.519 min
Delta R.T.: -0.010 min
Response: 1831094
Conc: 21.19 ug/ml m



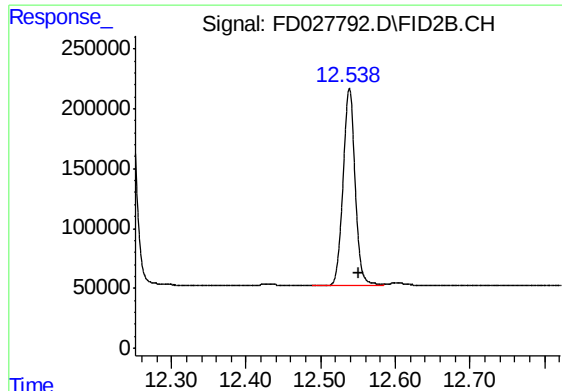
#11 ortho-Terphenyl (SURR)

R.T.: 11.220 min
Delta R.T.: -0.011 min
Response: 1876627
Conc: 21.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.246 min
Delta R.T.: -0.011 min
Response: 1884453
Conc: 21.05 ug/ml



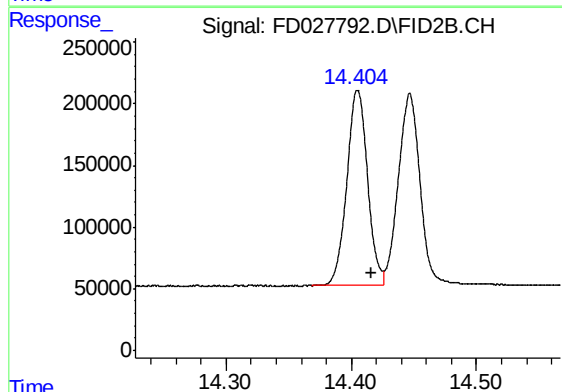
#13 Pyrene (C20.8)

R.T.: 12.539 min
Delta R.T.: -0.012 min
Response: 1864965
Conc: 21.02 ug/ml

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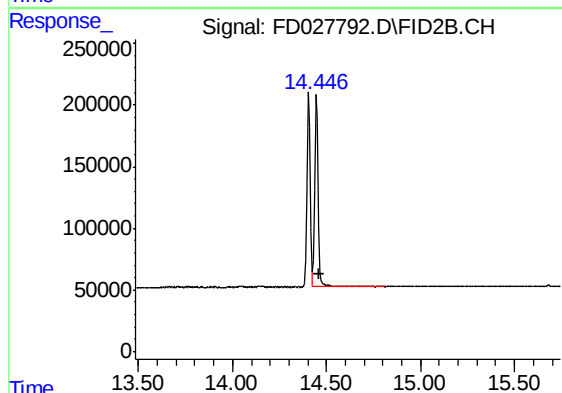
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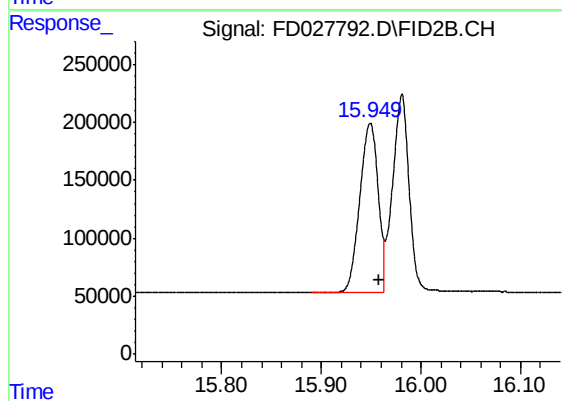
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.011 min
Response: 1828159
Conc: 20.45 ug/ml



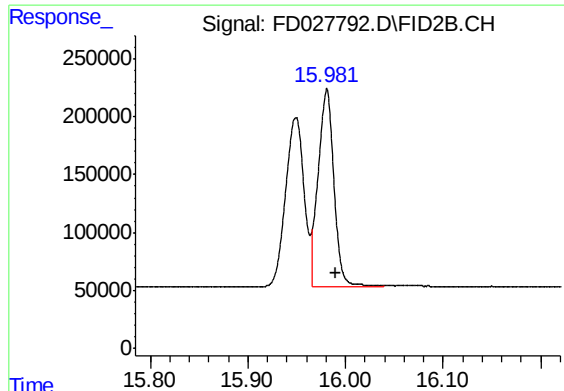
#15 Chrysene (C27.41)

R.T.: 14.447 min
Delta R.T.: -0.011 min
Response: 1974485
Conc: 21.74 ug/ml



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

R.T.: 15.949 min
Delta R.T.: -0.009 min
Response: 1860435
Conc: 19.05 ug/ml m



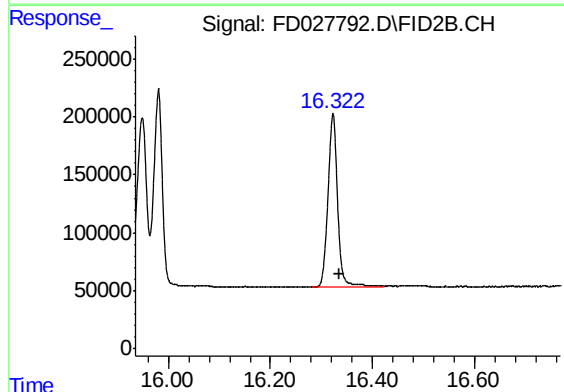
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.981 min
Delta R.T.: -0.009 min
Response: 1901948
Conc: 19.24 ug/ml m

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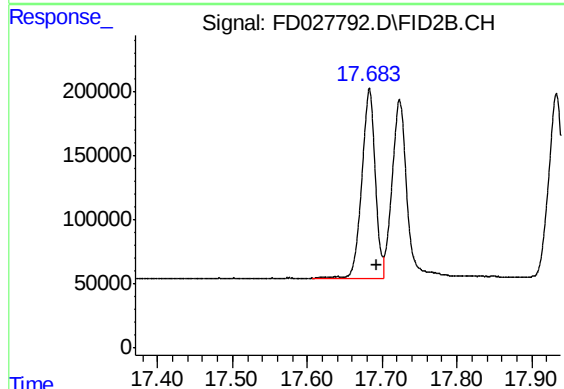
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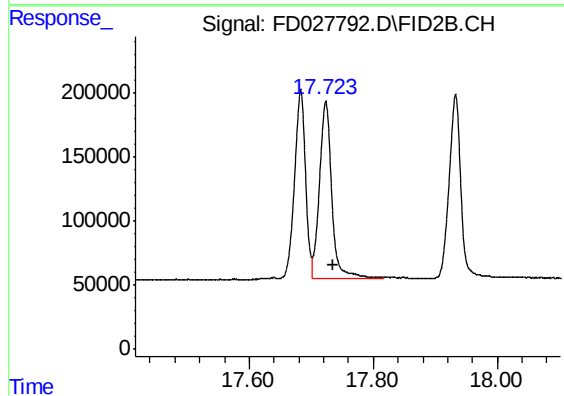
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.322 min
Delta R.T.: -0.012 min
Response: 1944834
Conc: 19.89 ug/ml m



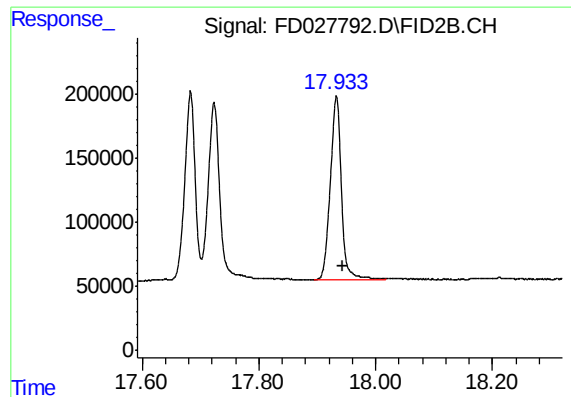
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.683 min
Delta R.T.: -0.011 min
Response: 1835543
Conc: 18.51 ug/ml m



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

R.T.: 17.723 min
Delta R.T.: -0.012 min
Response: 1909829
Conc: 19.42 ug/ml m



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

R.T.: 17.933 min
Delta R.T.: -0.011 min
Response: 1883095
Conc: 18.57 ug/ml m

Instrument :
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