

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051321AR\
 Data File : FD037496.D
 Signal(s) : FID2B.CH
 Acq On : 14 May 2021 5:56
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 14 10:06:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 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...	7.558	1674968	16.654 ug/ml
Spiked Amount 50.000		Recovery =	33.31%
6) S 2-Fluorobiphenyl (SURR)	8.418	1169474	17.303 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.61%
11) S ortho-Terphenyl (SURR)	11.457	1966811	16.511 ug/ml
Spiked Amount 50.000		Recovery =	33.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	1859293	17.793 ug/ml
2) T Naphthalene (C11.7)	5.897	1942208	17.404 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	1903520	16.955 ug/ml
5) T Acenaphthylene (C15.06)	8.221	1953190	17.811 ug/ml
7) T Acenaphthene (C15.5)	8.516	2010399	17.674 ug/ml
8) T Fluorene (C16.55)	9.296	1942965	17.532 ug/ml
9) T Phenanthrene (C19.36)	10.690	1937819	17.235 ug/ml
10) T Anthracene (C19.43)	10.764	1902354	17.297 ug/ml
12) T Fluoranthene (C21.85)	12.499	1983552	17.091 ug/ml
13) T Pyrene (C20.8)	12.795	2006900	17.372 ug/ml
14) T Benzo[a]anthracene (C...	14.665	1913966	17.372 ug/ml
15) T Chrysene (C27.41)	14.707	2014959	17.490 ug/ml
16) T benzo[b]fluoranthene ...	16.214	1948871	17.232 ug/ml
17) T Bnezo[k]fluoranthene ...	16.246	1960792	17.686 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.591	1884161	17.989 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.955	1843997	16.974 ug/ml
20) T Dibenz[a,h]anthracene...	17.995	1952409	17.834 ug/ml
21) T Benzo[g,h,i]perylene ...	18.210	1888054	17.276 ug/ml

(f)=RT Delta > 1/2 Window

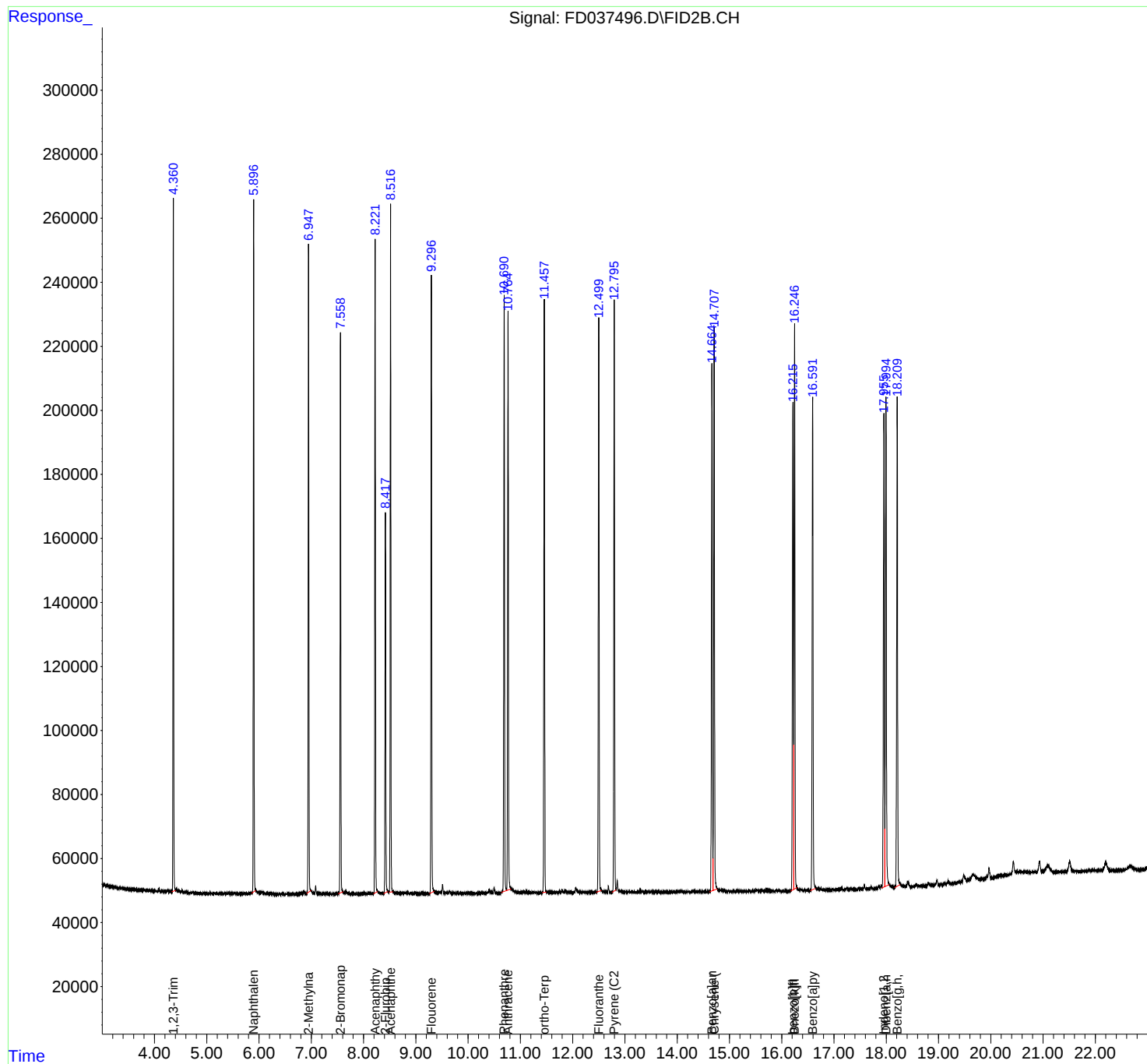
(m)=manual int.

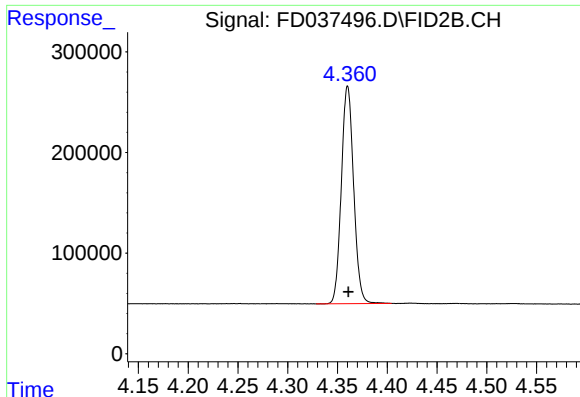
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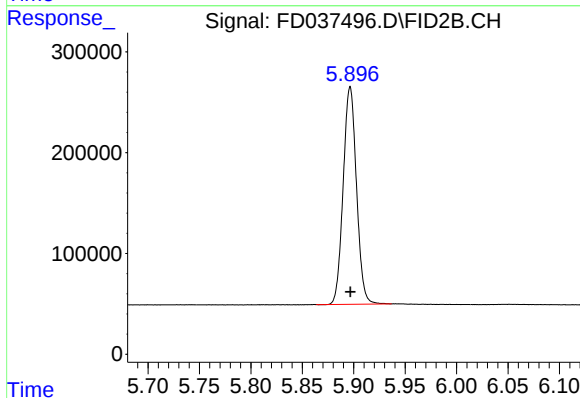




#1 1,2,3-Trimethylbenzene (C10.1)

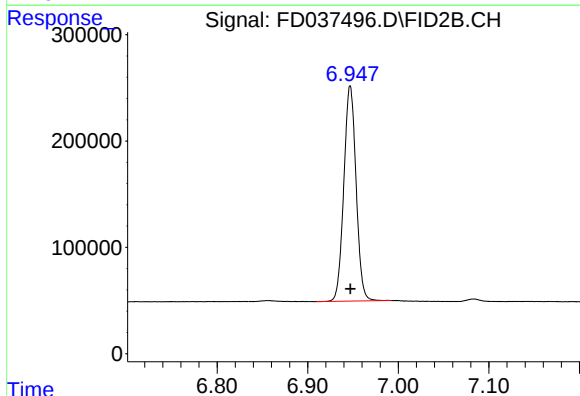
R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 1859293
Conc: 17.79 ug/ml

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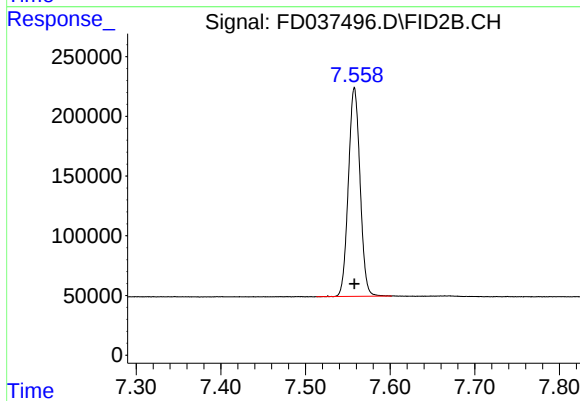
#2 Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 1942208
Conc: 17.40 ug/ml



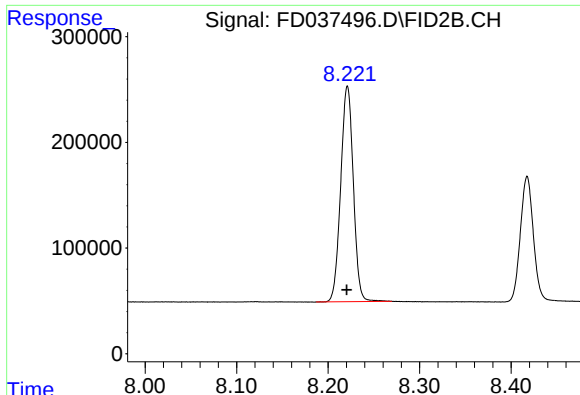
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 1903520
Conc: 16.95 ug/ml



#4 2-Bromonaphthalene (SURR)

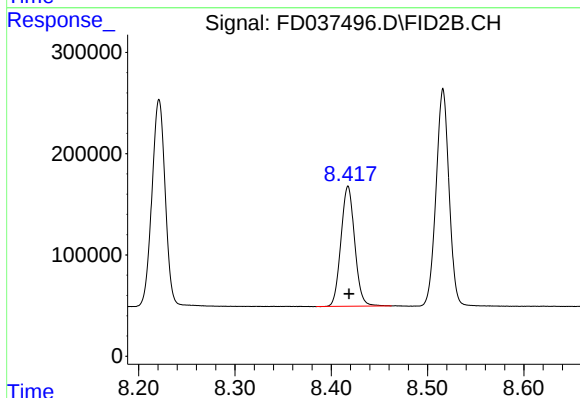
R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 1674968
Conc: 16.65 ug/ml



#5 Acenaphthylene (C15.06)

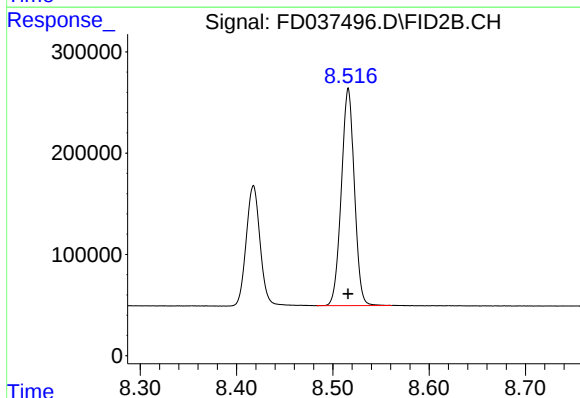
R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 1953190
Conc: 17.81 ug/ml

Instrument :
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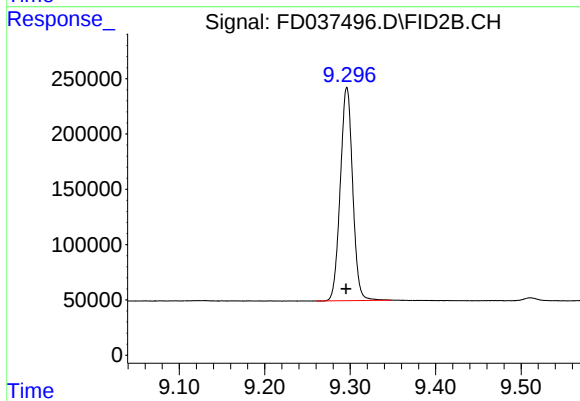
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 1169474
Conc: 17.30 ug/ml



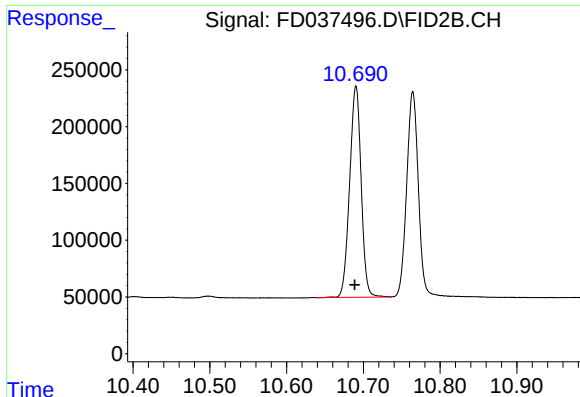
#7 Acenaphthene (C15.5)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 2010399
Conc: 17.67 ug/ml



#8 Flouorene (C16.55)

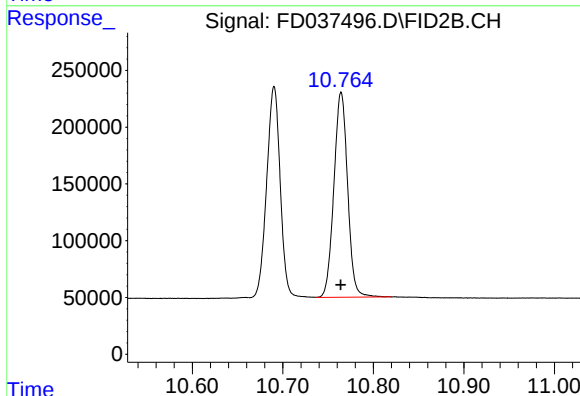
R.T.: 9.296 min
Delta R.T.: 0.000 min
Response: 1942965
Conc: 17.53 ug/ml



#9 Phenanthrene (C19.36)

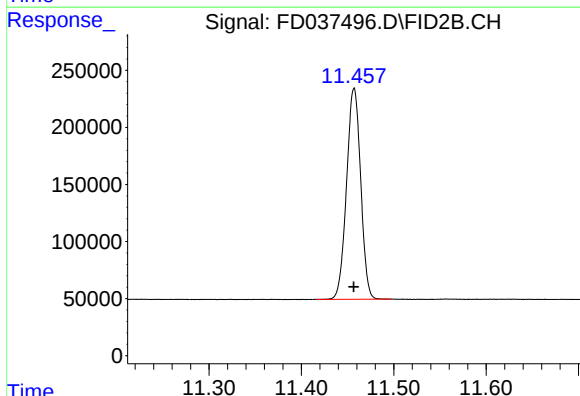
R.T.: 10.690 min
Delta R.T.: 0.002 min
Response: 1937819
Conc: 17.24 ug/ml

Instrument :
FID_D
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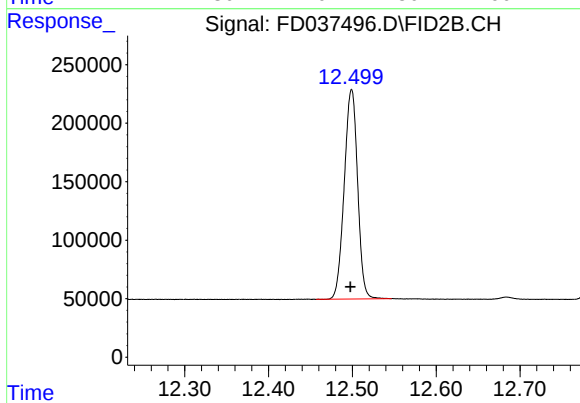
#10 Anthracene (C19.43)

R.T.: 10.764 min
Delta R.T.: 0.000 min
Response: 1902354
Conc: 17.30 ug/ml



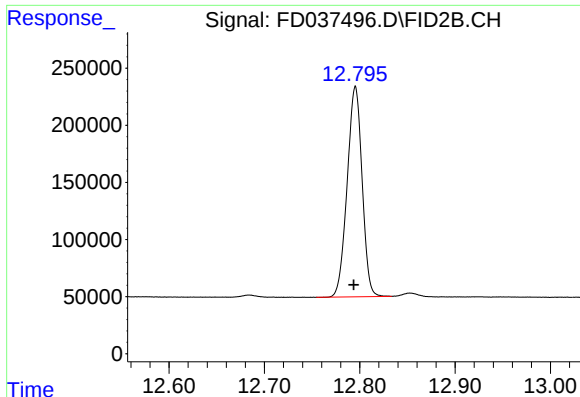
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: 0.000 min
Response: 1966811
Conc: 16.51 ug/ml



#12 Fluoranthene (C21.85)

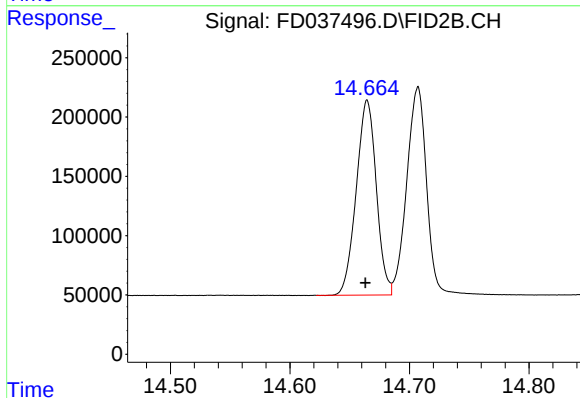
R.T.: 12.499 min
Delta R.T.: 0.001 min
Response: 1983552
Conc: 17.09 ug/ml



#13 Pyrene (C20.8)

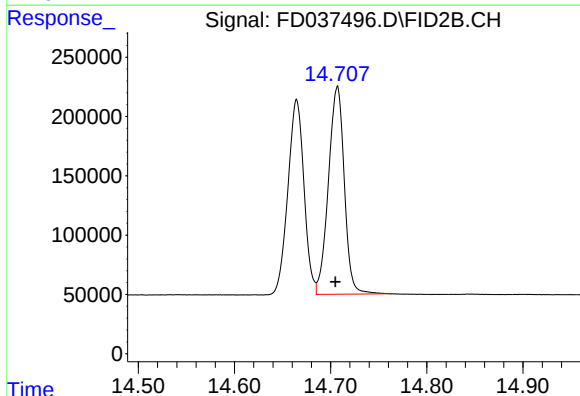
R.T.: 12.795 min
Delta R.T.: 0.002 min
Response: 2006900
Conc: 17.37 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



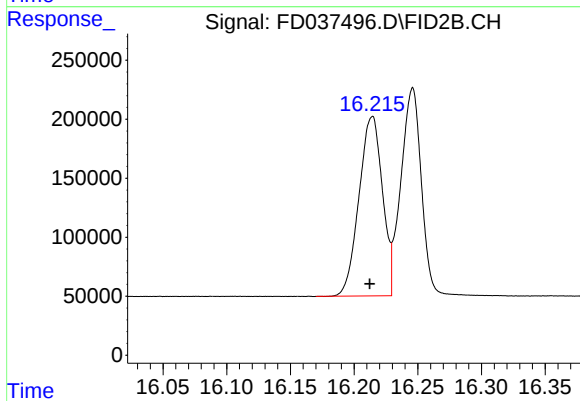
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.665 min
Delta R.T.: 0.001 min
Response: 1913966
Conc: 17.37 ug/ml



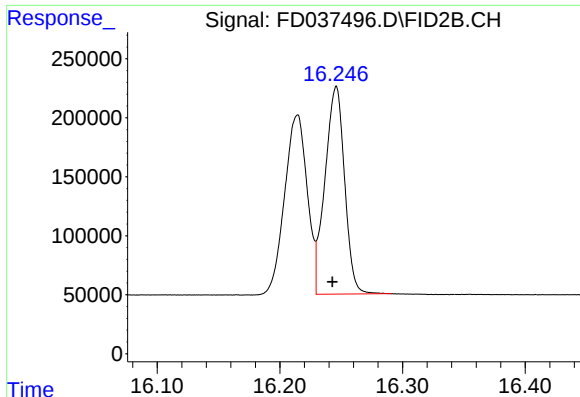
#15 Chrysene (C27.41)

R.T.: 14.707 min
Delta R.T.: 0.002 min
Response: 2014959
Conc: 17.49 ug/ml



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

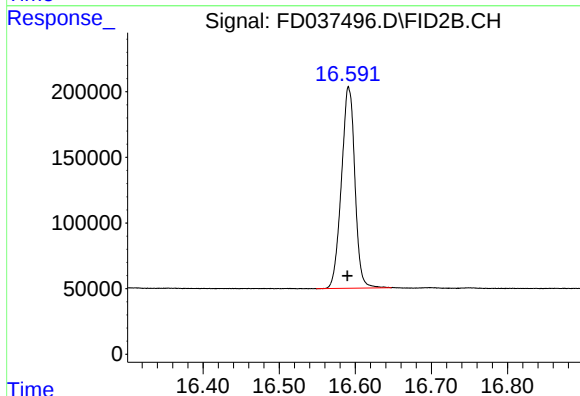
R.T.: 16.214 min
Delta R.T.: 0.002 min
Response: 1948871
Conc: 17.23 ug/ml



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

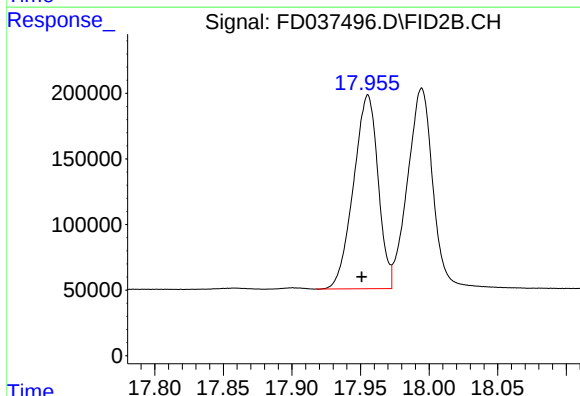
R.T.: 16.246 min
Delta R.T.: 0.003 min
Response: 1960792
Conc: 17.69 ug/ml

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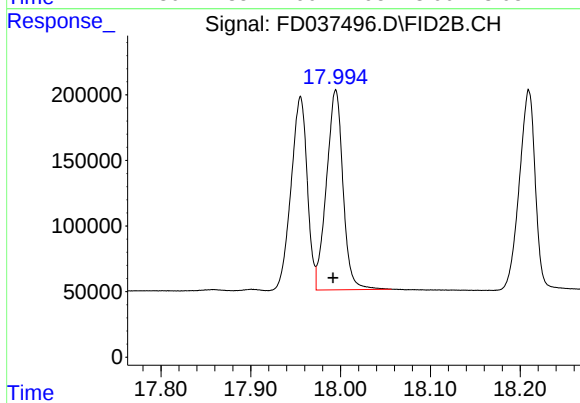
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.591 min
Delta R.T.: 0.002 min
Response: 1884161
Conc: 17.99 ug/ml



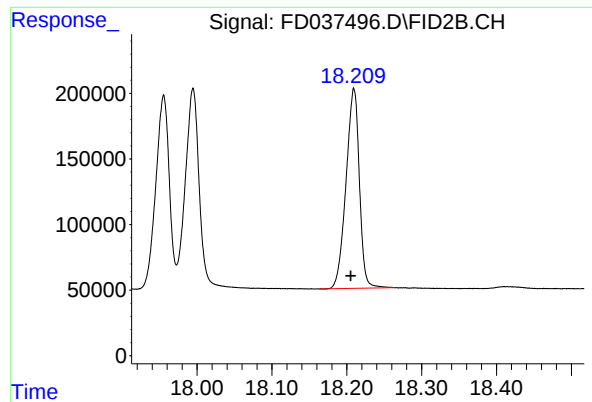
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.955 min
Delta R.T.: 0.004 min
Response: 1843997
Conc: 16.97 ug/ml



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

R.T.: 17.995 min
Delta R.T.: 0.003 min
Response: 1952409
Conc: 17.83 ug/ml



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

R.T.: 18.210 min
Delta R.T.: 0.004 min
Response: 1888054
Conc: 17.28 ug/ml

Instrument :
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