

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031419AR\
 Data File : FD028308.D
 Signal(s) : FID2B.CH
 Acq On : 14 Mar 2019 17:59
 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: Mar 15 04:12:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 04:06:35 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...	7.311	1849118	17.519 ug/ml
Spiked Amount 50.000		Recovery =	35.04%
6) S 2-Fluorobiphenyl (SURR)	8.158	1237005	17.549 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.10%
11) S ortho-Terphenyl (SURR)	11.195	2182830	19.039 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.124	2003845	18.934 ug/ml
2) T Naphthalene (C11.7)	5.649	2112675	17.999 ug/ml
3) T 2-Methylnaphthalene (...)	6.697	2093125	17.694 ug/ml
5) T Acenaphthylene (C15.06)	7.961	2051133	17.788 ug/ml
7) T Acenaphthene (C15.5)	8.256	2159183	17.773 ug/ml
8) T Flouorene (C16.55)	9.034	2086408	17.340 ug/ml
9) T Phenanthrene (C19.36)	10.420	2117212	18.948 ug/ml
10) T Anthracene (C19.43)	10.494	2062211	18.628 ug/ml
12) T Fluoranthene (C21.85)	12.220	2195474	20.233 ug/ml
13) T Pyrene (C20.8)	12.513	2187815	20.848 ug/ml
14) T Benzo[a]anthracene (C...	14.380	2164646	21.389 ug/ml
15) T Chrysene (C27.41)	14.422	2241235	21.737 ug/ml
16) T benzo[b]fluoranthene ...	15.923	2252809	21.375 ug/ml
17) T Bnezo[k]fluoranthene ...	15.955	2353244	21.852 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.297	2262347	21.138 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.657	2079901	20.324 ug/ml
20) T Dibenz[a,h]anthracene...	17.699	2096391	20.806 ug/ml
21) T Benzo[g,h,i]perylene ...	17.908	2188477	20.253 ug/ml

(f)=RT Delta > 1/2 Window

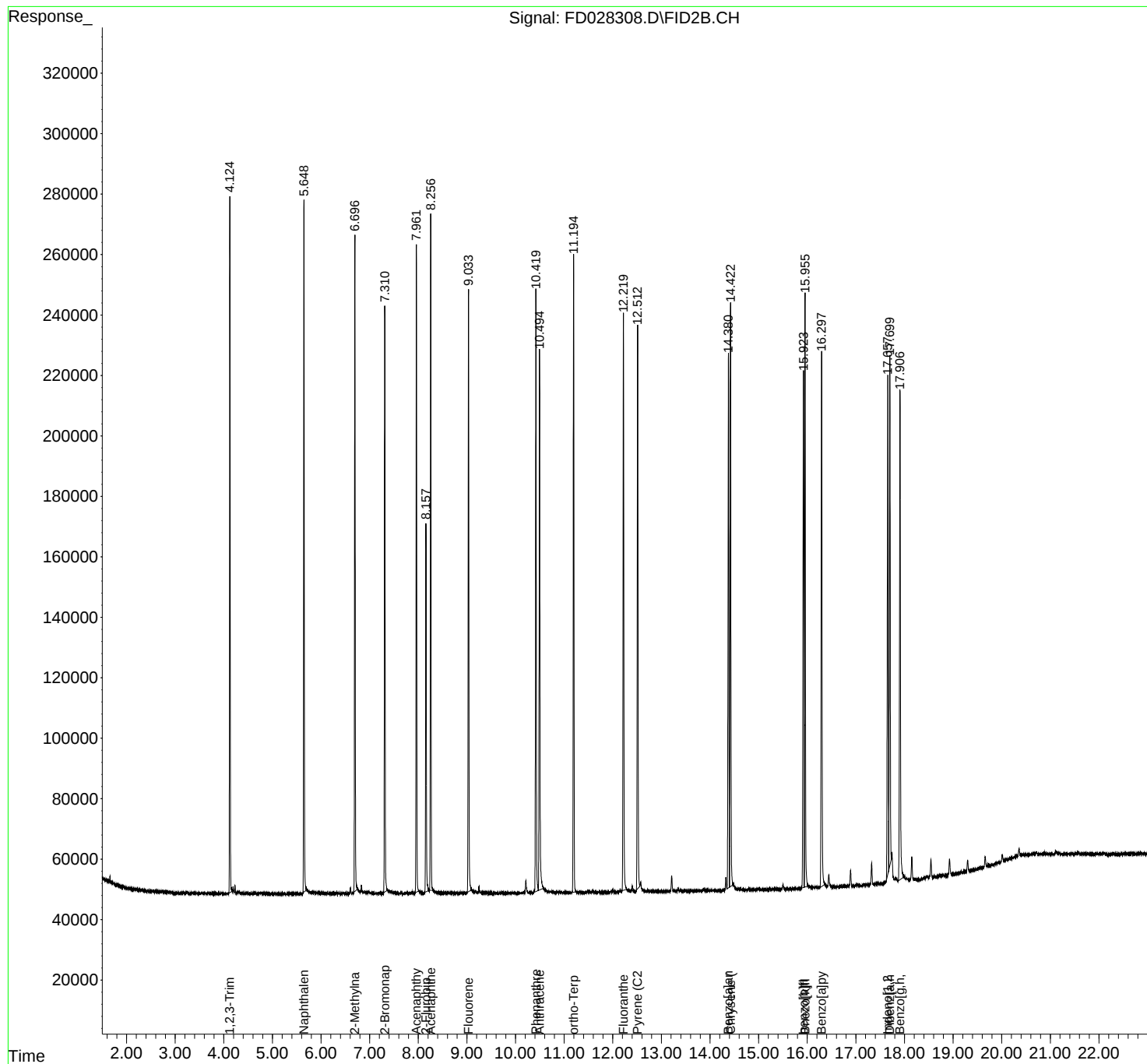
(m)=manual int.

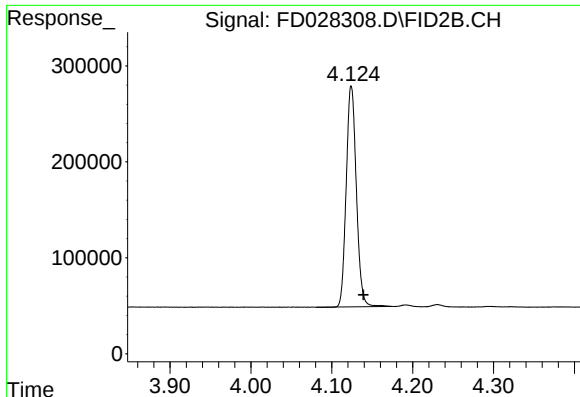
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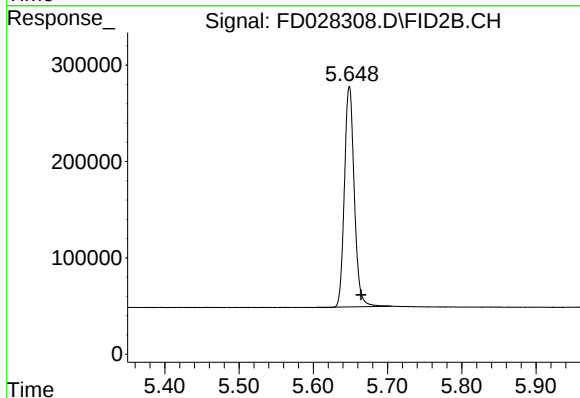




#1 1,2,3-Trimethylbenzene (C10.1)

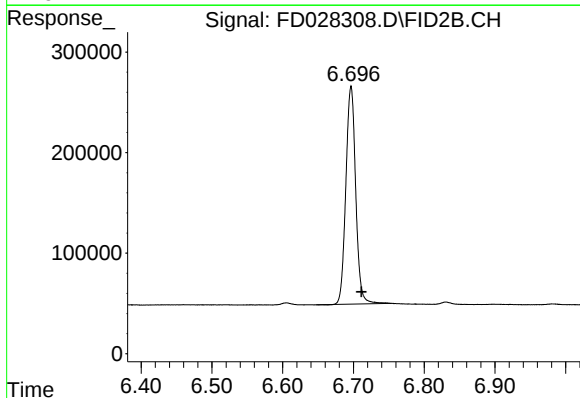
R.T.: 4.124 min
Delta R.T.: -0.015 min
Response: 2003845
Conc: 18.93 ug/ml

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20 PPM AROMATIC HC STD



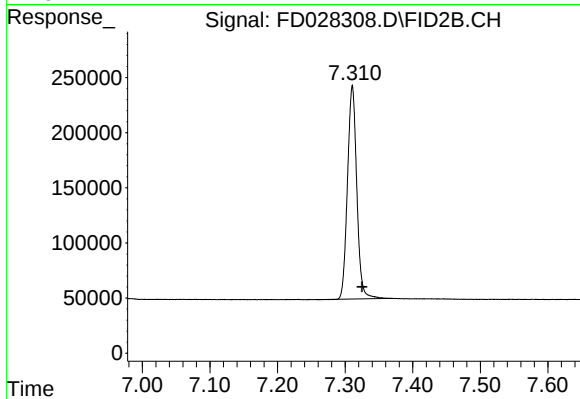
#2 Naphthalene (C11.7)

R.T.: 5.649 min
Delta R.T.: -0.016 min
Response: 2112675
Conc: 18.00 ug/ml



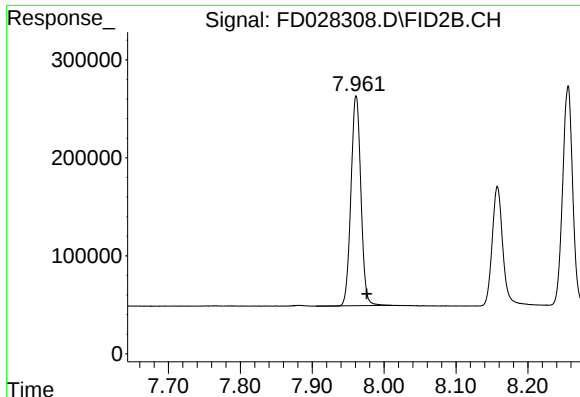
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.697 min
Delta R.T.: -0.015 min
Response: 2093125
Conc: 17.69 ug/ml



#4 2-Bromonaphthalene (SURR)

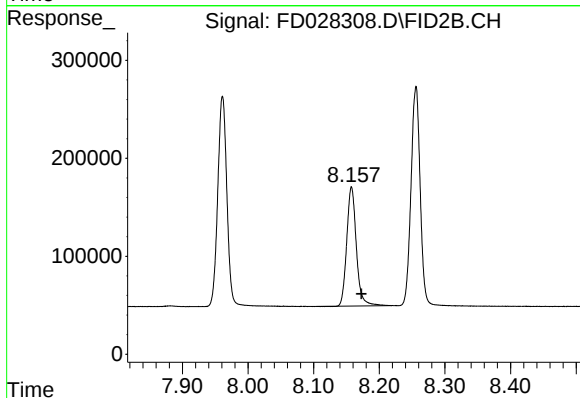
R.T.: 7.311 min
Delta R.T.: -0.014 min
Response: 1849118
Conc: 17.52 ug/ml



#5 Acenaphthylene (C15.06)

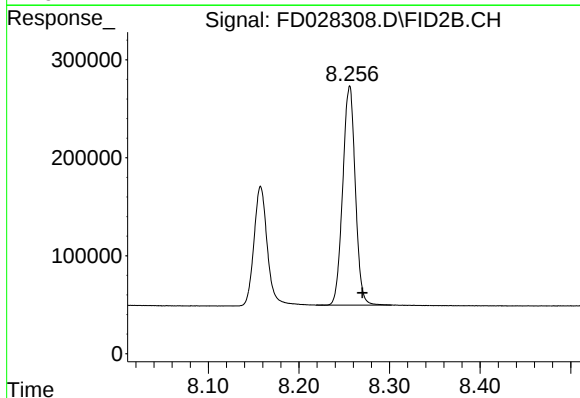
R.T.: 7.961 min
Delta R.T.: -0.015 min
Response: 2051133
Conc: 17.79 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



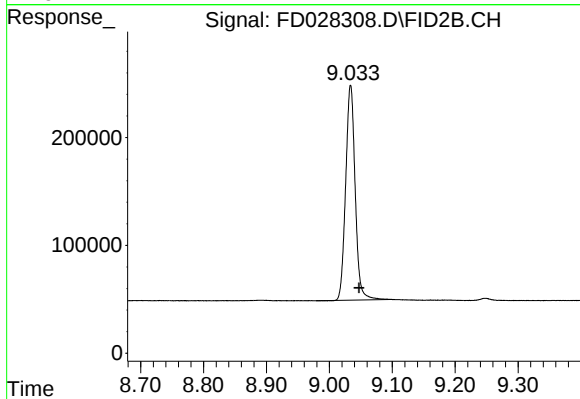
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.158 min
Delta R.T.: -0.015 min
Response: 1237005
Conc: 17.55 ug/ml



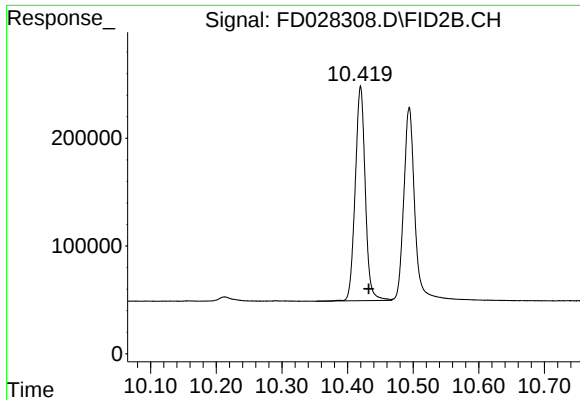
#7 Acenaphthene (C15.5)

R.T.: 8.256 min
Delta R.T.: -0.014 min
Response: 2159183
Conc: 17.77 ug/ml



#8 Fluorene (C16.55)

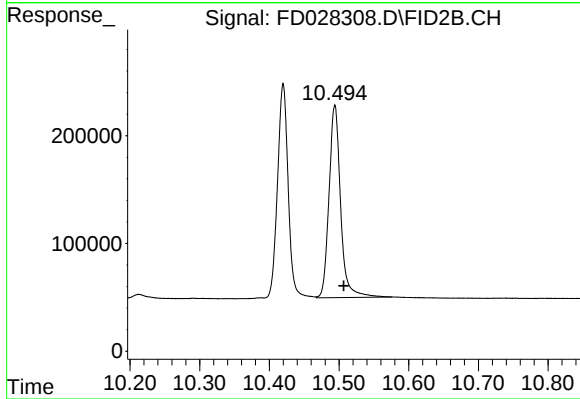
R.T.: 9.034 min
Delta R.T.: -0.013 min
Response: 2086408
Conc: 17.34 ug/ml



#9 Phenanthrene (C19.36)

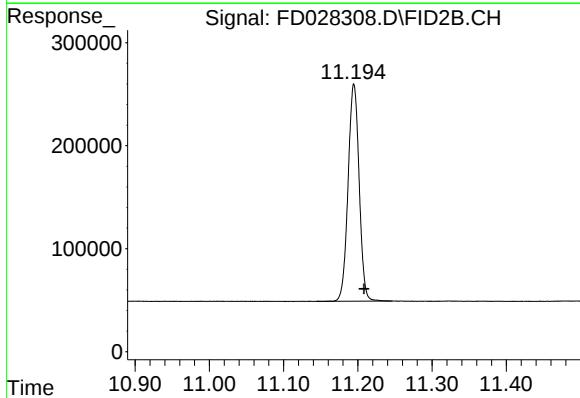
R.T.: 10.420 min
Delta R.T.: -0.012 min
Response: 2117212
Conc: 18.95 ug/ml

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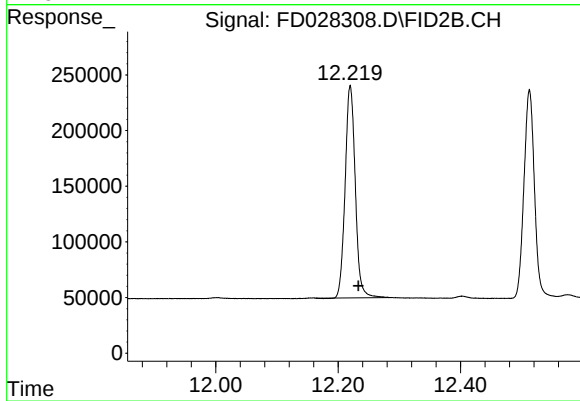
#10 Anthracene (C19.43)

R.T.: 10.494 min
Delta R.T.: -0.012 min
Response: 2062211
Conc: 18.63 ug/ml



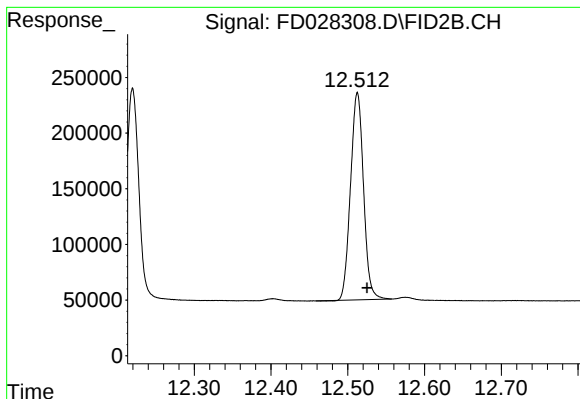
#11 ortho-Terphenyl (SURR)

R.T.: 11.195 min
Delta R.T.: -0.014 min
Response: 2182830
Conc: 19.04 ug/ml



#12 Fluoranthene (C21.85)

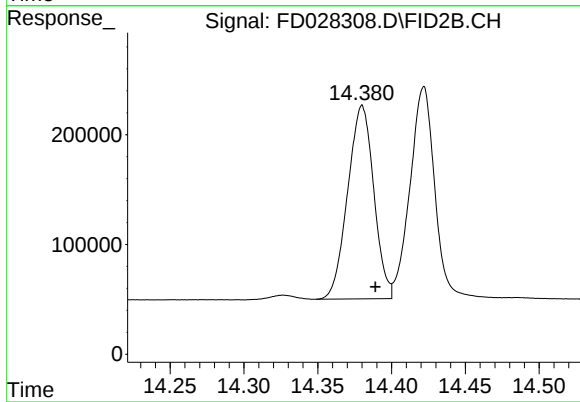
R.T.: 12.220 min
Delta R.T.: -0.013 min
Response: 2195474
Conc: 20.23 ug/ml



#13 Pyrene (C20.8)

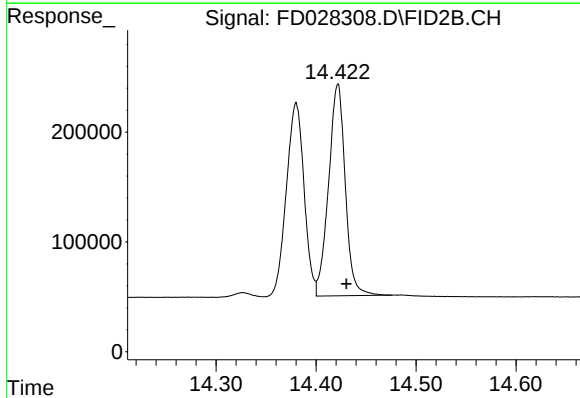
R.T.: 12.513 min
Delta R.T.: -0.013 min
Response: 2187815
Conc: 20.85 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



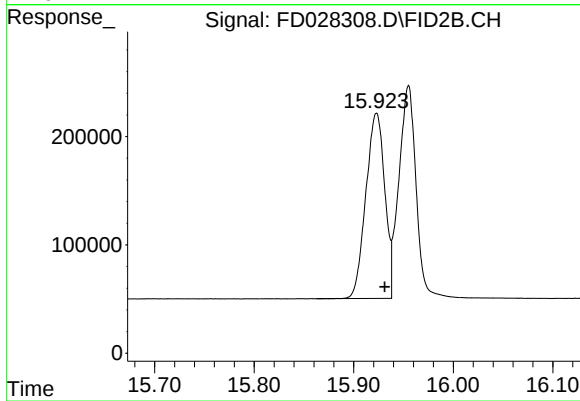
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.380 min
Delta R.T.: -0.009 min
Response: 2164646
Conc: 21.39 ug/ml



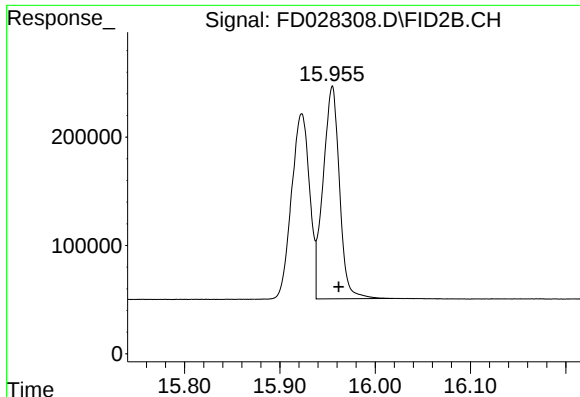
#15 Chrysene (C27.41)

R.T.: 14.422 min
Delta R.T.: -0.009 min
Response: 2241235
Conc: 21.74 ug/ml



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

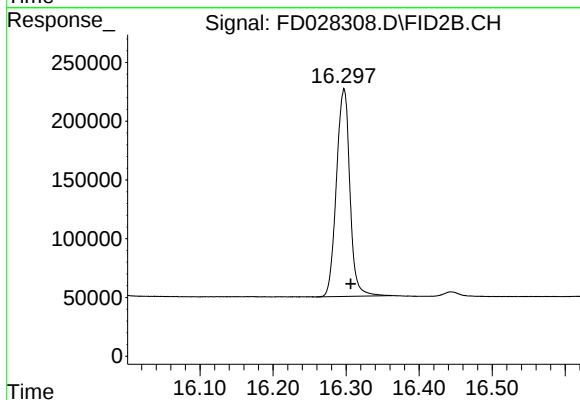
R.T.: 15.923 min
Delta R.T.: -0.008 min
Response: 2252809
Conc: 21.38 ug/ml



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

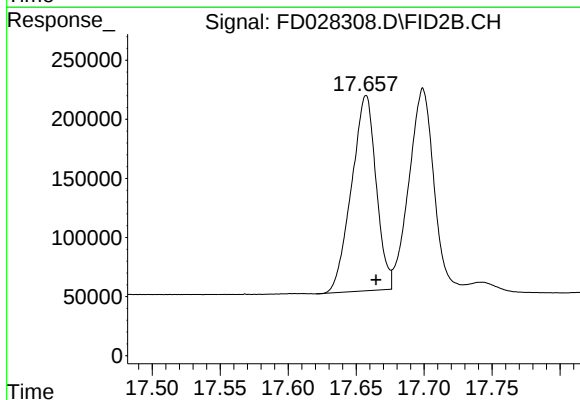
R.T.: 15.955 min
Delta R.T.: -0.007 min
Response: 2353244
Conc: 21.85 ug/ml

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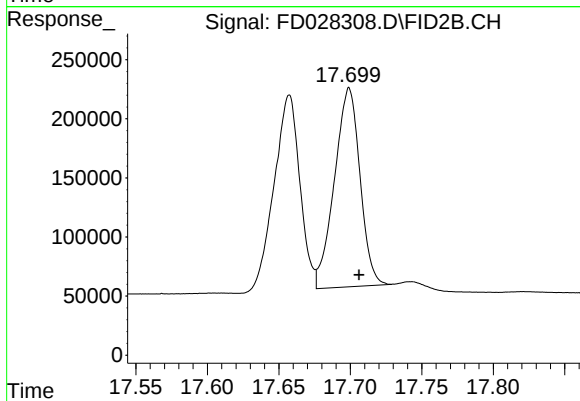
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.297 min
Delta R.T.: -0.009 min
Response: 2262347
Conc: 21.14 ug/ml



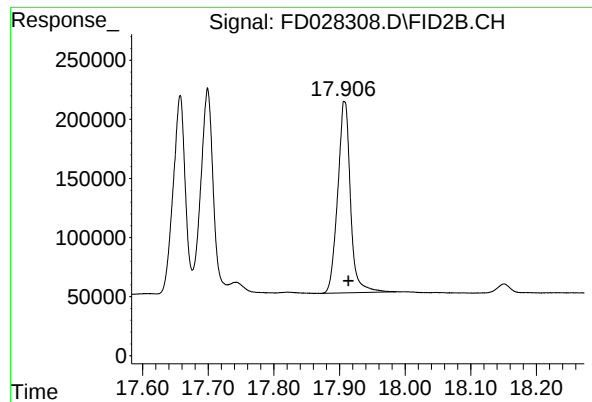
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.657 min
Delta R.T.: -0.007 min
Response: 2079901
Conc: 20.32 ug/ml



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

R.T.: 17.699 min
Delta R.T.: -0.007 min
Response: 2096391
Conc: 20.81 ug/ml



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

R.T.: 17.908 min
Delta R.T.: -0.006 min
Response: 2188477
Conc: 20.25 ug/ml

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