

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051321AR\
 Data File : FD037498.D
 Signal(s) : FID2B.CH
 Acq On : 14 May 2021 7:48
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 14 10:08:53 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	2052225	20.405 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
6) S 2-Fluorobiphenyl (SURR)	8.417	1386247	20.511 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.02%
11) S ortho-Terphenyl (SURR)	11.458	2393486	20.093 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	2128260	20.367 ug/ml
2) T Naphthalene (C11.7)	5.896	2281068	20.441 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	2289887	20.396 ug/ml
5) T Acenaphthylene (C15.06)	8.221	2231266	20.347 ug/ml
7) T Acenaphthene (C15.5)	8.516	2310581	20.313 ug/ml
8) T Flouorene (C16.55)	9.296	2257308	20.369 ug/ml
9) T Phenanthrene (C19.36)	10.690	2281670	20.293 ug/ml
10) T Anthracene (C19.43)	10.764	2234605	20.318 ug/ml
12) T Fluoranthene (C21.85)	12.500	2324877	20.033 ug/ml
13) T Pyrene (C20.8)	12.796	2308915	19.986 ug/ml
14) T Benzo[a]anthracene (C...	14.666	2211431	20.072 ug/ml
15) T Chrysene (C27.41)	14.708	2296154	19.931 ug/ml
16) T benzo[b]fluoranthene ...	16.214	2262921	20.009 ug/ml
17) T Bnezo[k]fluoranthene ...	16.246	2221797	20.040 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.591	2094600	19.998 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.957	2146201	19.755 ug/ml
20) T Dibenz[a,h]anthracene...	17.996	2219621	20.275 ug/ml
21) T Benzo[g,h,i]perylene ...	18.211	2172390	19.878 ug/ml

(f)=RT Delta > 1/2 Window

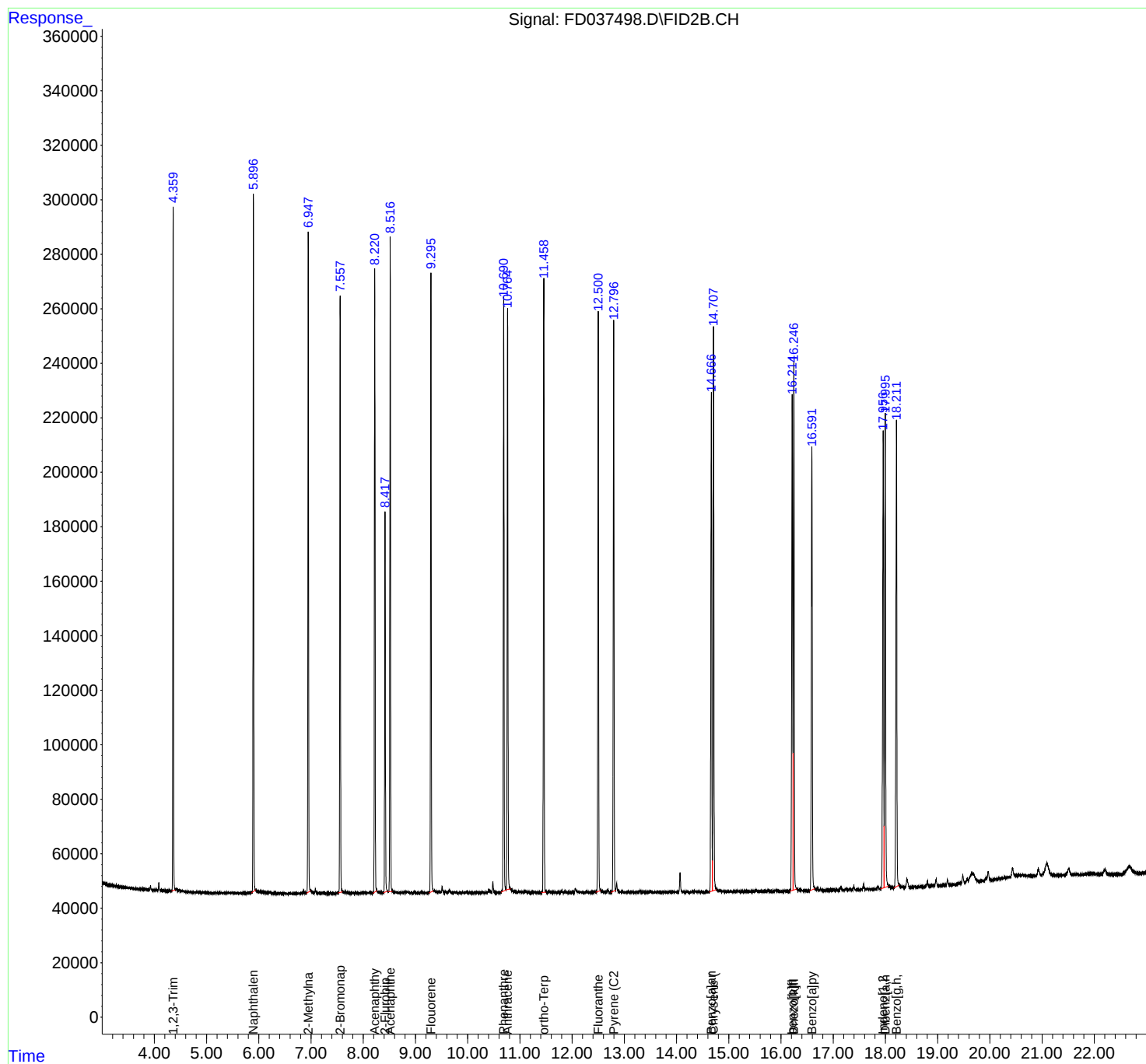
(m)=manual int.

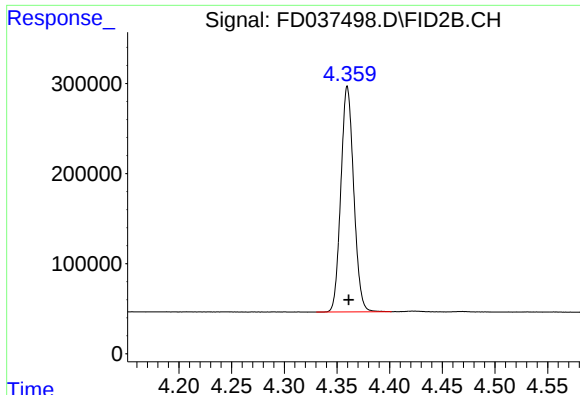
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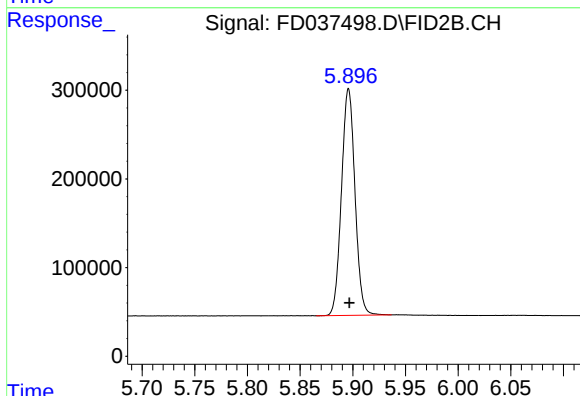




#1 1,2,3-Trimethylbenzene (C10.1)

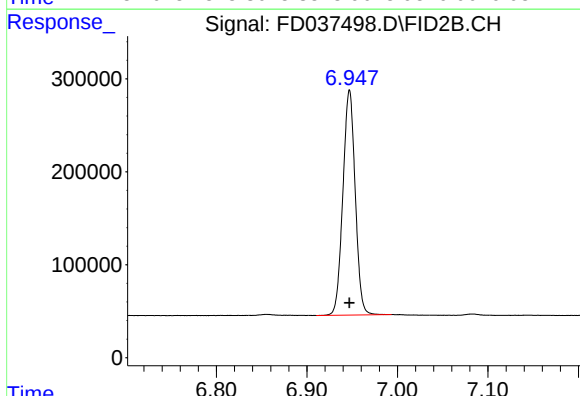
R.T.: 4.360 min
Delta R.T.: -0.001 min
Response: 2128260
Conc: 20.37 ug/ml

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20 PPM AROMATIC HC STD



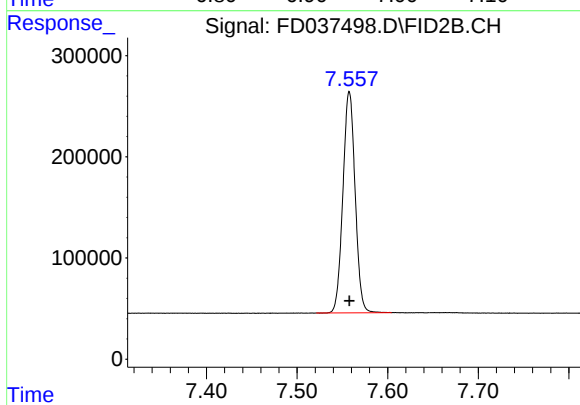
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 2281068
Conc: 20.44 ug/ml



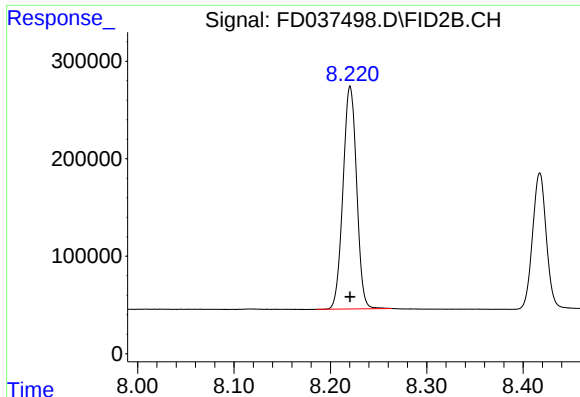
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 2289887
Conc: 20.40 ug/ml



#4 2-Bromonaphthalene (SURR)

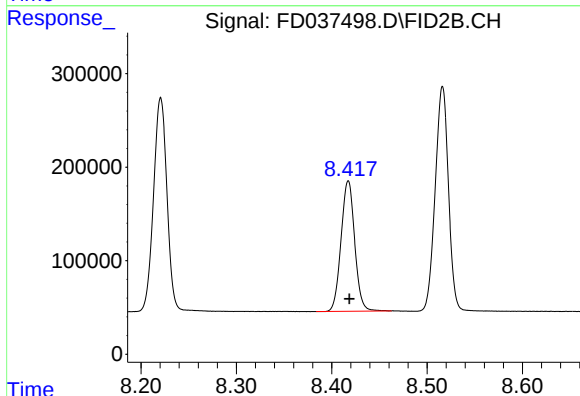
R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 2052225
Conc: 20.40 ug/ml



#5 Acenaphthylene (C15.06)

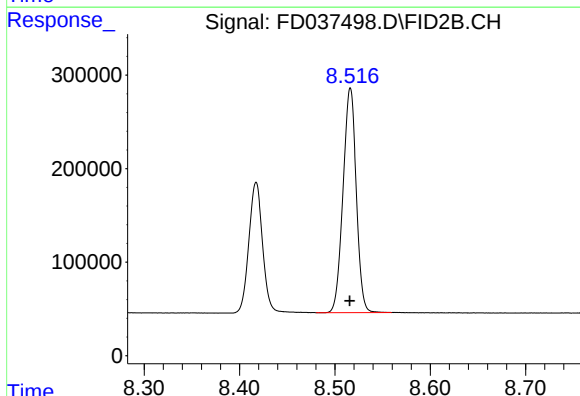
R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 2231266
Conc: 20.35 ug/ml

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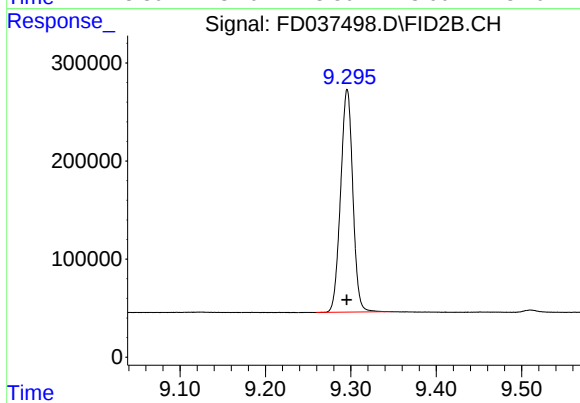
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 1386247
Conc: 20.51 ug/ml



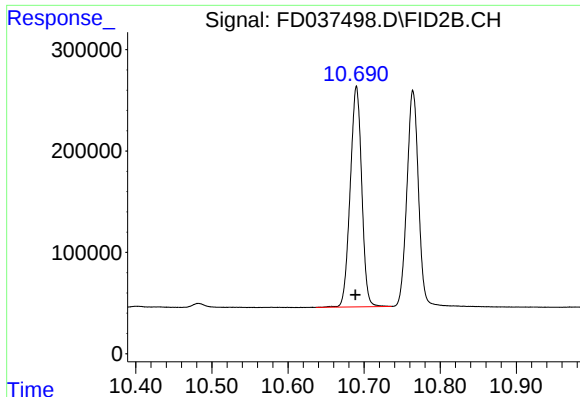
#7 Acenaphthene (C15.5)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 2310581
Conc: 20.31 ug/ml



#8 Fluorene (C16.55)

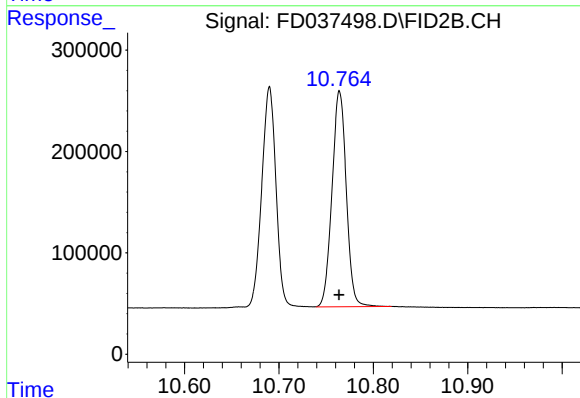
R.T.: 9.296 min
Delta R.T.: 0.000 min
Response: 2257308
Conc: 20.37 ug/ml



#9 Phenanthrene (C19.36)

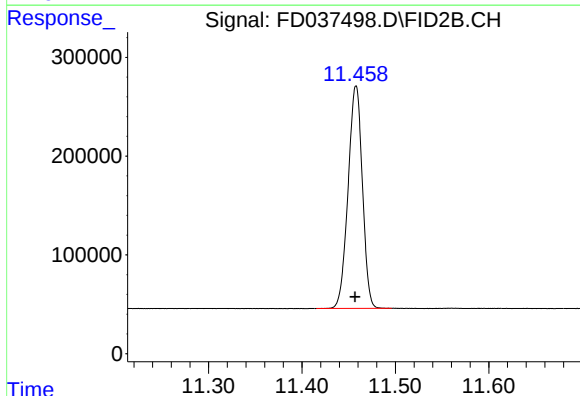
R.T.: 10.690 min
Delta R.T.: 0.001 min
Response: 2281670
Conc: 20.29 ug/ml

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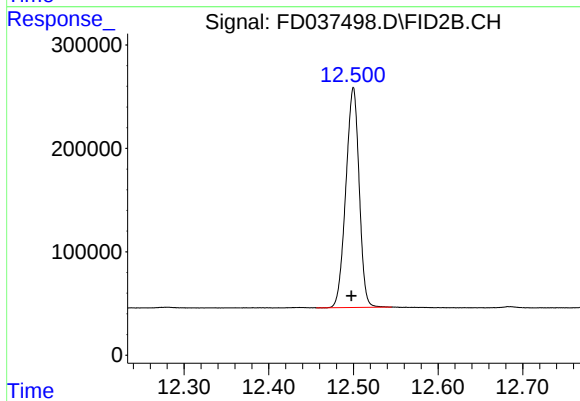
#10 Anthracene (C19.43)

R.T.: 10.764 min
Delta R.T.: 0.000 min
Response: 2234605
Conc: 20.32 ug/ml



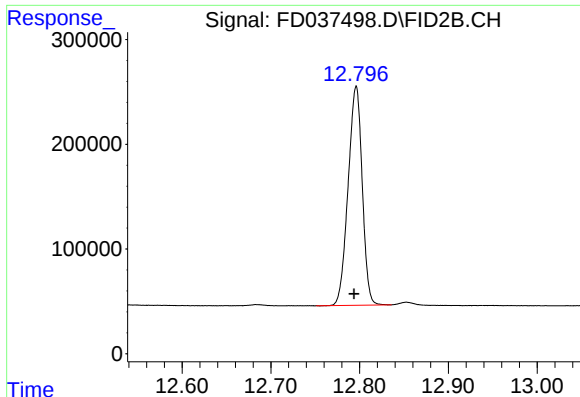
#11 ortho-Terphenyl (SURR)

R.T.: 11.458 min
Delta R.T.: 0.001 min
Response: 2393486
Conc: 20.09 ug/ml



#12 Fluoranthene (C21.85)

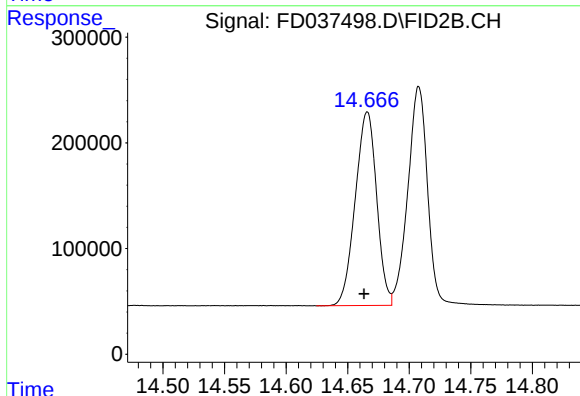
R.T.: 12.500 min
Delta R.T.: 0.002 min
Response: 2324877
Conc: 20.03 ug/ml



#13 Pyrene (C20.8)

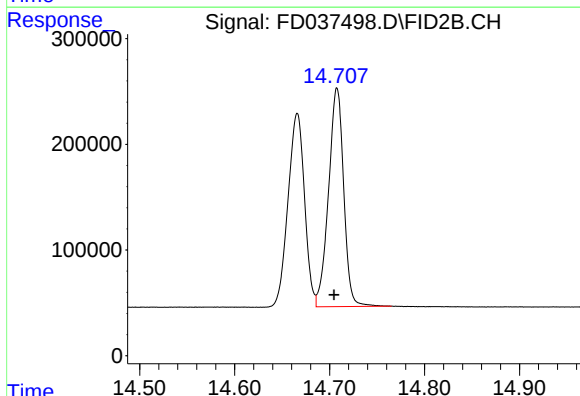
R.T.: 12.796 min
Delta R.T.: 0.002 min
Response: 2308915
Conc: 19.99 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



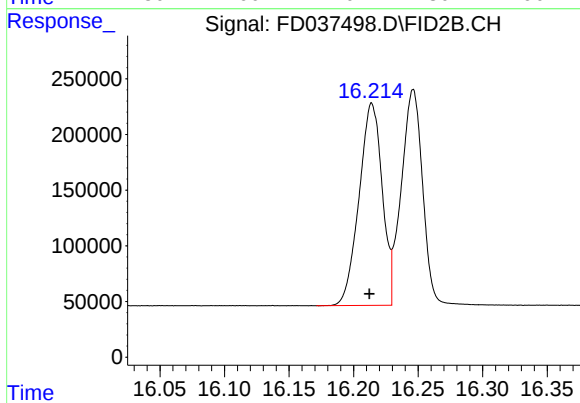
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.666 min
Delta R.T.: 0.003 min
Response: 2211431
Conc: 20.07 ug/ml



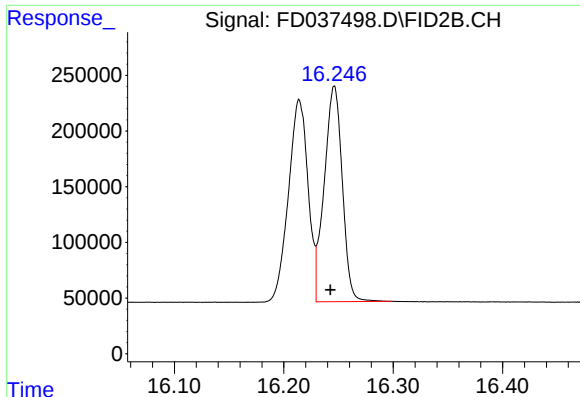
#15 Chrysene (C27.41)

R.T.: 14.708 min
Delta R.T.: 0.003 min
Response: 2296154
Conc: 19.93 ug/ml



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

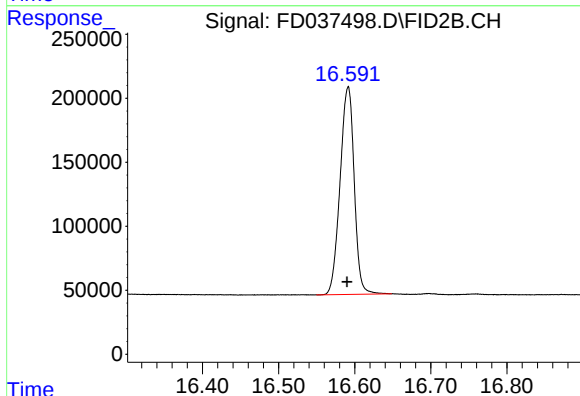
R.T.: 16.214 min
Delta R.T.: 0.002 min
Response: 2262921
Conc: 20.01 ug/ml



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

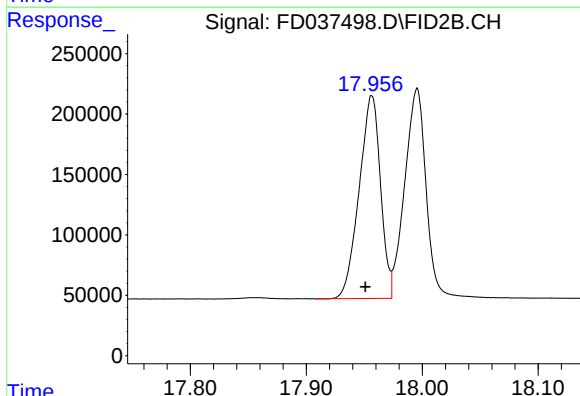
R.T.: 16.246 min
Delta R.T.: 0.004 min
Response: 2221797
Conc: 20.04 ug/ml

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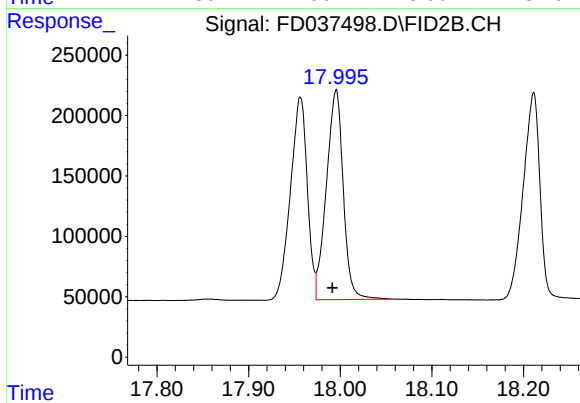
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.591 min
Delta R.T.: 0.002 min
Response: 2094600
Conc: 20.00 ug/ml



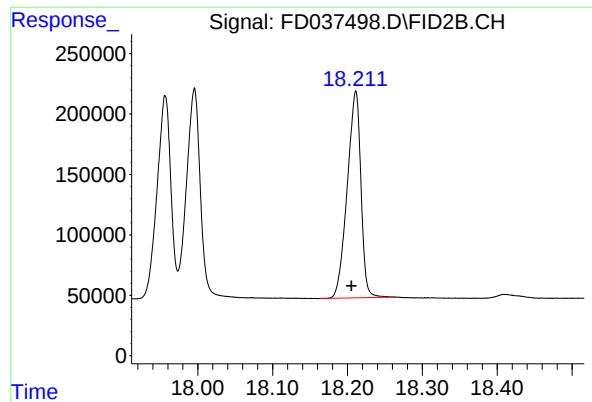
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.957 min
Delta R.T.: 0.006 min
Response: 2146201
Conc: 19.76 ug/ml



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

R.T.: 17.996 min
Delta R.T.: 0.004 min
Response: 2219621
Conc: 20.28 ug/ml



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

R.T.: 18.211 min
Delta R.T.: 0.006 min
Response: 2172390
Conc: 19.88 ug/ml

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