

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031419AR\
 Data File : FD028342.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2019 14:27
 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 14:52:35 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...	7.312	1895840	17.962 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
6) S 2-Fluorobiphenyl (SURR)	8.159	1267239	17.978 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.96%
11) S ortho-Terphenyl (SURR)	11.196	2234118	19.486 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.124	2073974	19.596 ug/ml
2) T Naphthalene (C11.7)	5.649	2154376	18.354 ug/ml
3) T 2-Methylnaphthalene (...)	6.698	2133271	18.034 ug/ml
5) T Acenaphthylene (C15.06)	7.963	2111649	18.313 ug/ml
7) T Acenaphthene (C15.5)	8.257	2217033	18.249 ug/ml
8) T Flouorene (C16.55)	9.035	2136268	17.754 ug/ml
9) T Phenanthrene (C19.36)	10.421	2150500	19.246 ug/ml
10) T Anthracene (C19.43)	10.495	2081992	18.807 ug/ml
12) T Fluoranthene (C21.85)	12.222	2240446	20.648 ug/ml
13) T Pyrene (C20.8)	12.514	2247375	21.416 ug/ml
14) T Benzo[a]anthracene (C...	14.381	2229457	22.029 ug/ml
15) T Chrysene (C27.41)	14.421	2310318	22.407 ug/ml
16) T benzo[b]fluoranthene ...	15.923	2331231	22.119 ug/ml
17) T Bnezo[k]fluoranthene ...	15.955	2444424	22.699 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.298	2350273	21.959 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.659	2154568	21.054 ug/ml
20) T Dibenz[a,h]anthracene...	17.699	2143056	21.269 ug/ml
21) T Benzo[g,h,i]perylene ...	17.908	2268316	20.992 ug/ml

(f)=RT Delta > 1/2 Window

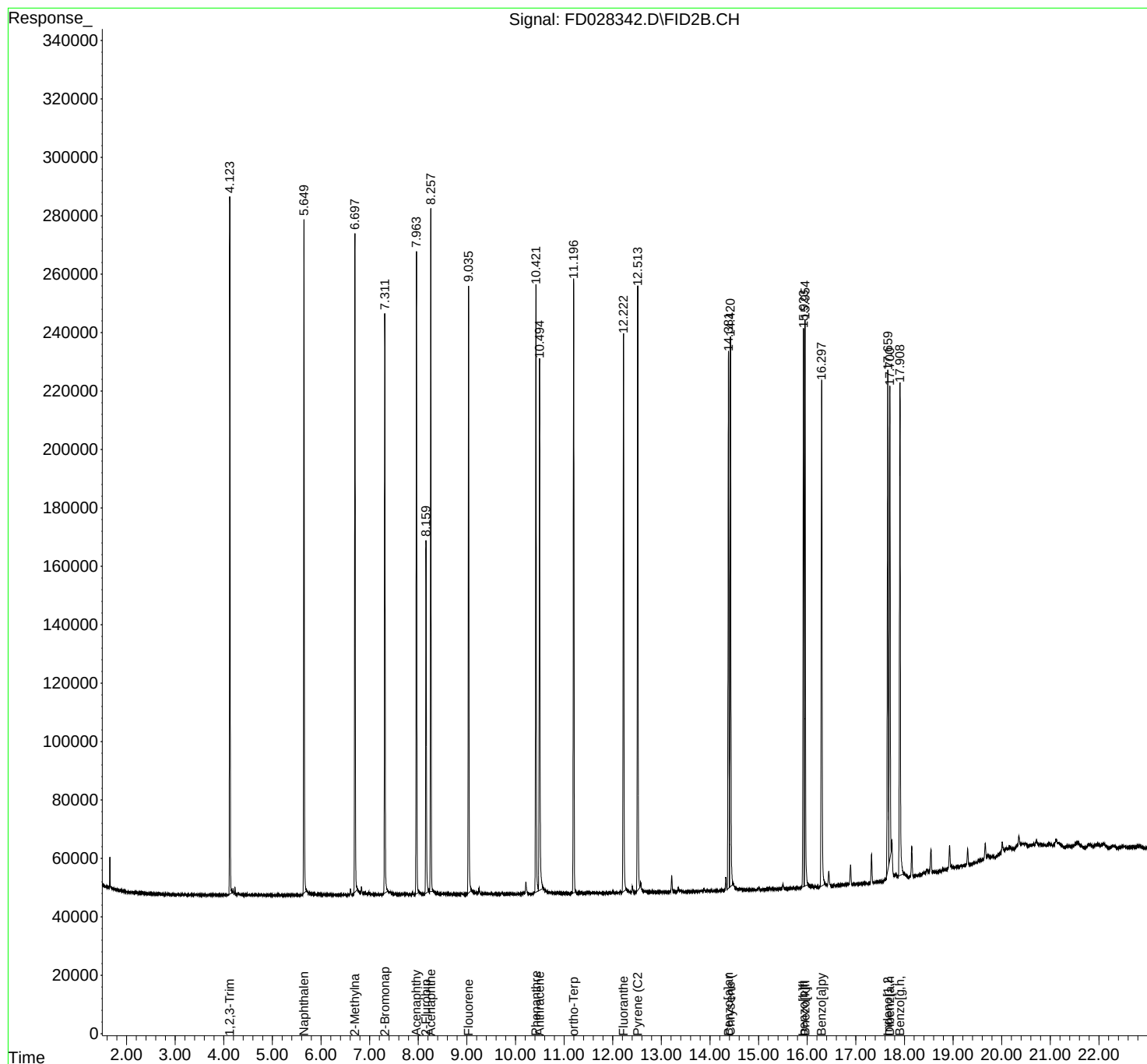
(m)=manual int.

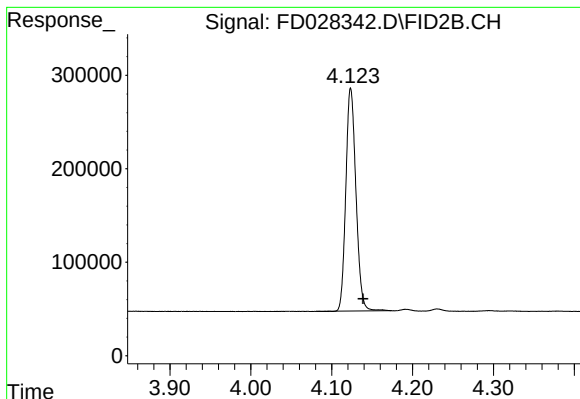
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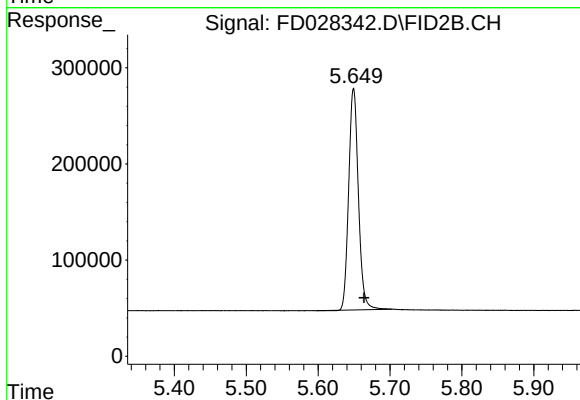




#1 1,2,3-Trimethylbenzene (C10.1)

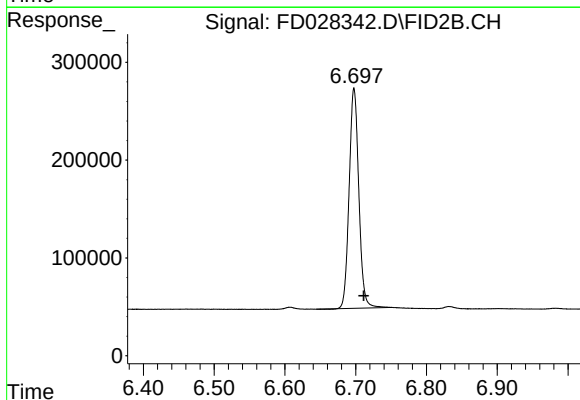
R.T.: 4.124 min
Delta R.T.: -0.015 min
Response: 2073974
Conc: 19.60 ug/ml

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20 PPM AROMATIC HC STD



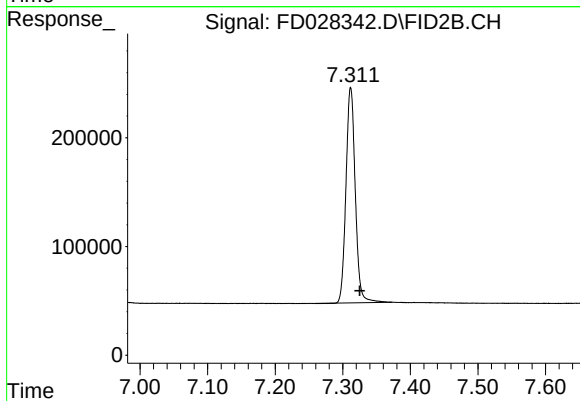
#2 Naphthalene (C11.7)

R.T.: 5.649 min
Delta R.T.: -0.015 min
Response: 2154376
Conc: 18.35 ug/ml



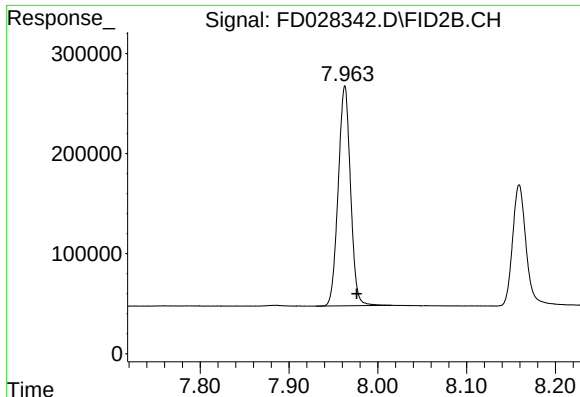
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.698 min
Delta R.T.: -0.014 min
Response: 2133271
Conc: 18.03 ug/ml



#4 2-Bromonaphthalene (SURR)

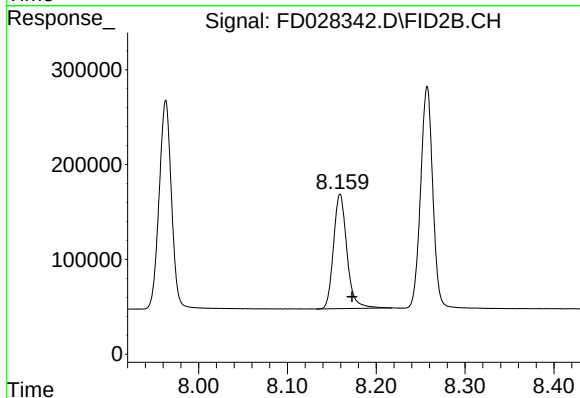
R.T.: 7.312 min
Delta R.T.: -0.013 min
Response: 1895840
Conc: 17.96 ug/ml



#5 Acenaphthylene (C15.06)

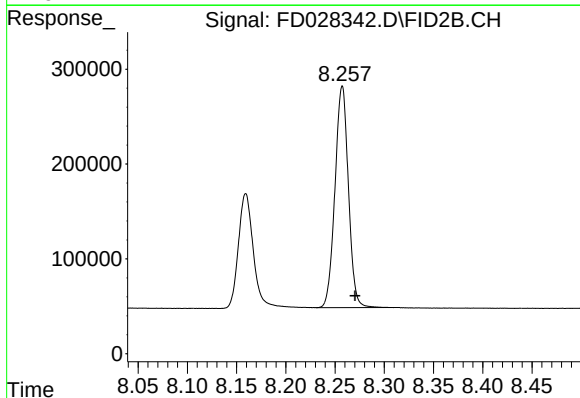
R.T.: 7.963 min
Delta R.T.: -0.013 min
Response: 2111649
Conc: 18.31 ug/ml

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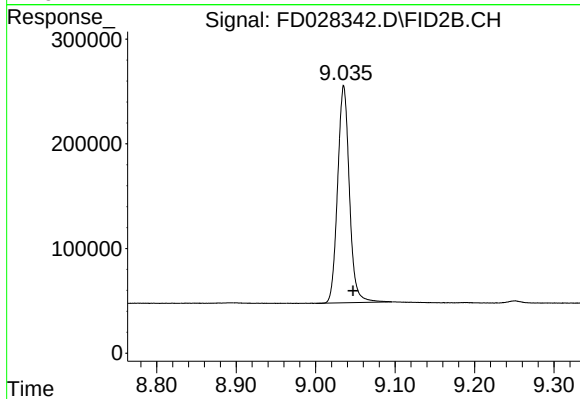
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.159 min
Delta R.T.: -0.013 min
Response: 1267239
Conc: 17.98 ug/ml



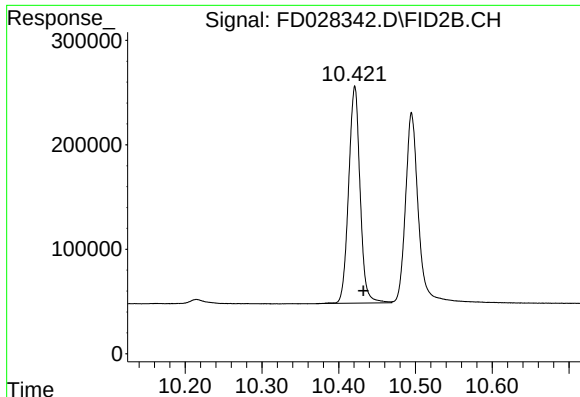
#7 Acenaphthene (C15.5)

R.T.: 8.257 min
Delta R.T.: -0.013 min
Response: 2217033
Conc: 18.25 ug/ml



#8 Flouorene (C16.55)

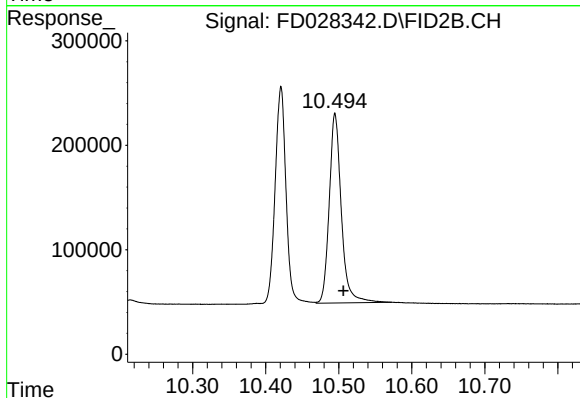
R.T.: 9.035 min
Delta R.T.: -0.012 min
Response: 2136268
Conc: 17.75 ug/ml



#9 Phenanthrene (C19.36)

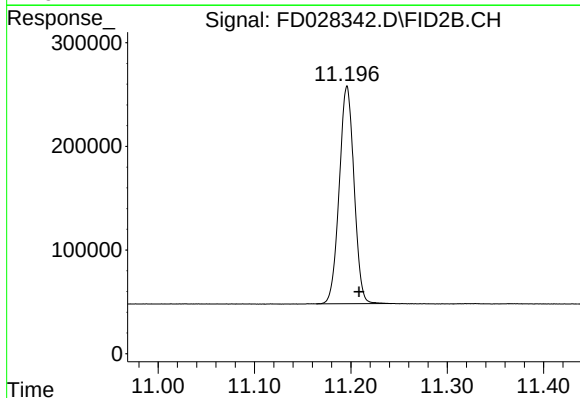
R.T.: 10.421 min
Delta R.T.: -0.011 min
Response: 2150500
Conc: 19.25 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



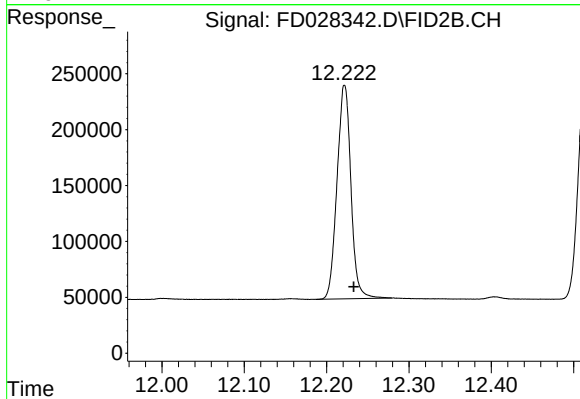
#10 Anthracene (C19.43)

R.T.: 10.495 min
Delta R.T.: -0.012 min
Response: 2081992
Conc: 18.81 ug/ml



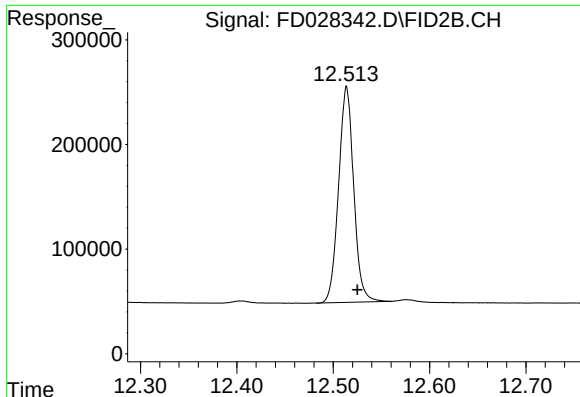
#11 ortho-Terphenyl (SURR)

R.T.: 11.196 min
Delta R.T.: -0.012 min
Response: 2234118
Conc: 19.49 ug/ml



#12 Fluoranthene (C21.85)

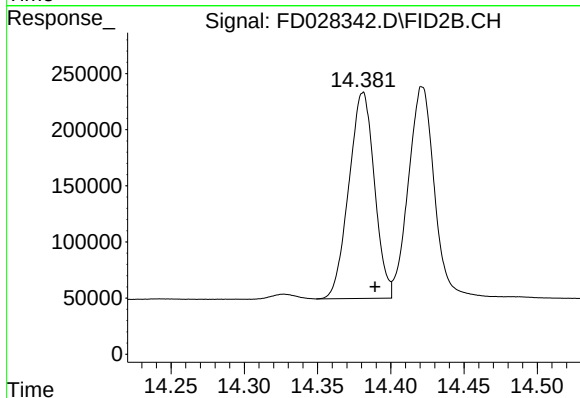
R.T.: 12.222 min
Delta R.T.: -0.011 min
Response: 2240446
Conc: 20.65 ug/ml



#13 Pyrene (C20.8)

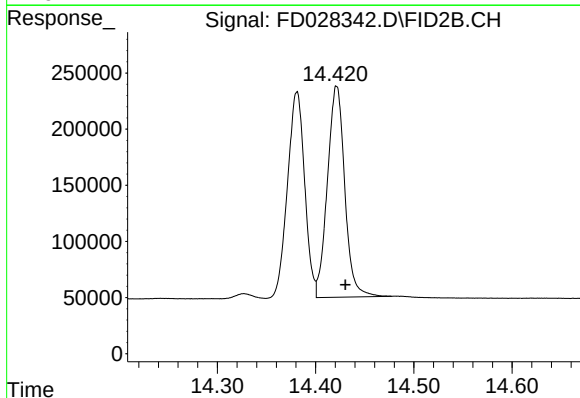
R.T.: 12.514 min
Delta R.T.: -0.011 min
Response: 2247375
Conc: 21.42 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



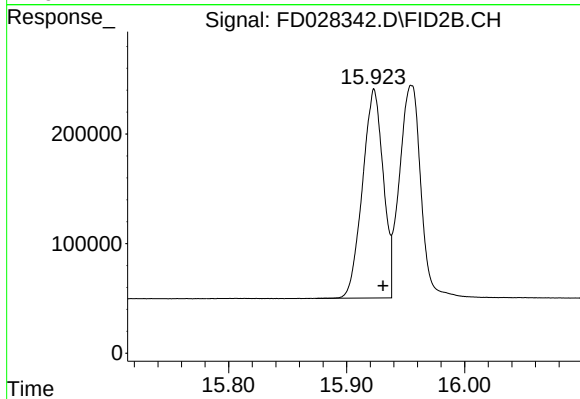
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.381 min
Delta R.T.: -0.008 min
Response: 2229457
Conc: 22.03 ug/ml



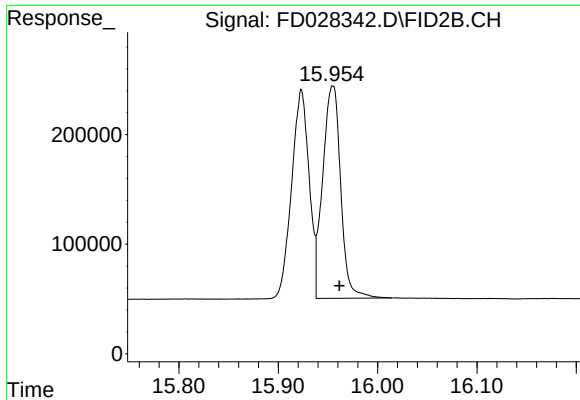
#15 Chrysene (C27.41)

R.T.: 14.421 min
Delta R.T.: -0.009 min
Response: 2310318
Conc: 22.41 ug/ml



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

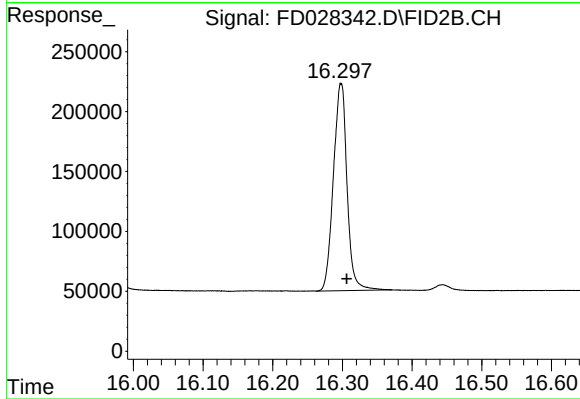
R.T.: 15.923 min
Delta R.T.: -0.008 min
Response: 2331231
Conc: 22.12 ug/ml



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

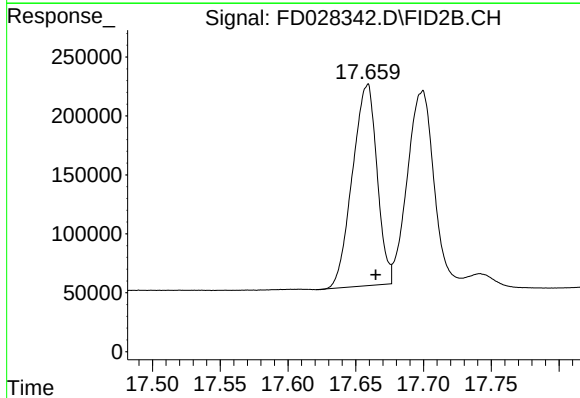
R.T.: 15.955 min
Delta R.T.: -0.007 min
Response: 2444424
Conc: 22.70 ug/ml

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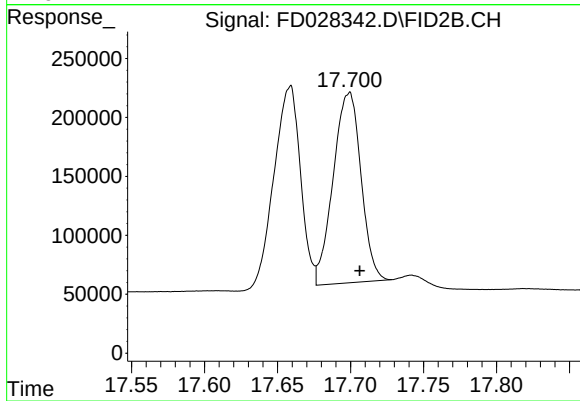
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.298 min
Delta R.T.: -0.008 min
Response: 2350273
Conc: 21.96 ug/ml



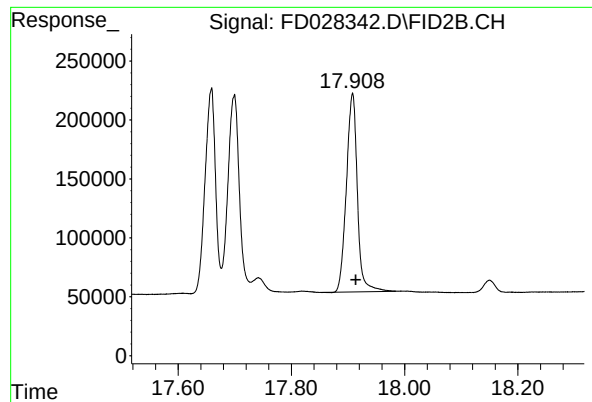
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.659 min
Delta R.T.: -0.006 min
Response: 2154568
Conc: 21.05 ug/ml



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

R.T.: 17.699 min
Delta R.T.: -0.007 min
Response: 2143056
Conc: 21.27 ug/ml



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

R.T.: 17.908 min
Delta R.T.: -0.005 min
Response: 2268316
Conc: 20.99 ug/ml

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