

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020422AR\
 Data File : FD040884.D
 Signal(s) : FID2B.CH
 Acq On : 04 Feb 2022 10:39
 Operator : AJ\MA
 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: Feb 05 00:22:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 03 06:38:14 2022
 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...	6.716	2605933	21.629 ug/ml
Spiked Amount 50.000		Recovery =	43.26%
6) S 2-Fluorobiphenyl (SURR)	7.563	1732529	21.778 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.56%
11) S ortho-Terphenyl (SURR)	10.595	3002112	21.360 ug/ml
Spiked Amount 50.000		Recovery =	42.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.582	2788837	21.160 ug/ml
2) T Naphthalene (C11.7)	5.069	2895884	21.321 ug/ml
3) T 2-Methylnaphthalene (...)	6.107	2909743	21.181 ug/ml
5) T Acenaphthylene (C15.06)	7.367	2936248	21.329 ug/ml
7) T Acenaphthene (C15.5)	7.660	3189763	21.419 ug/ml
8) T Fluorene (C16.55)	8.435	2885222	21.604 ug/ml
9) T Phenanthrene (C19.36)	9.821	2902694	21.602 ug/ml
10) T Anthracene (C19.43)	9.894	2860870	21.166 ug/ml
12) T Fluoranthene (C21.85)	11.621	2982399	21.386 ug/ml
13) T Pyrene (C20.8)	11.914	3066792	21.680 ug/ml
14) T Benzo[a]anthracene (C...	13.782	2863946	21.600 ug/ml
15) T Chrysene (C27.41)	13.824	3162557	21.129 ug/ml
16) T benzo[b]fluoranthene ...	15.326	2928546	21.428 ug/ml
17) T Bnezo[k]fluoranthene ...	15.358	3044485	21.034 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.700	2792594	21.188 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.061	2647845	21.273 ug/ml
20) T Dibenz[a,h]anthracene...	17.103	2823370	20.913 ug/ml
21) T Benzo[g,h,i]perylene ...	17.312	2636294	21.095 ug/ml

(f)=RT Delta > 1/2 Window

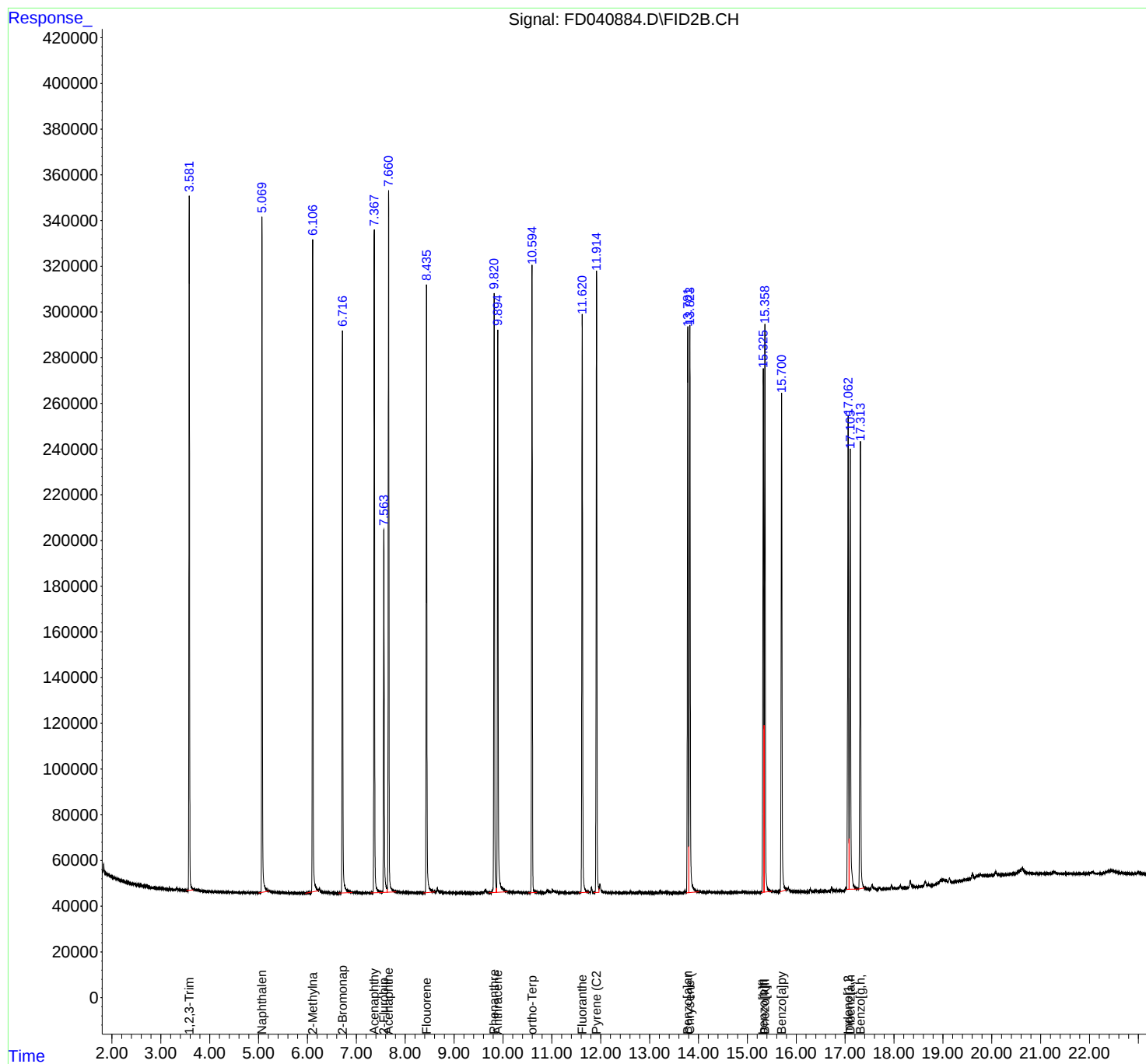
(m)=manual int.

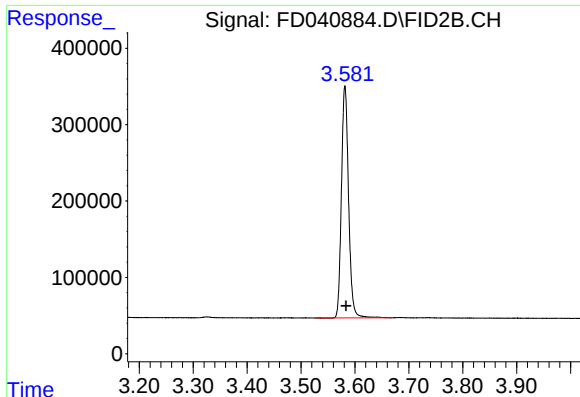
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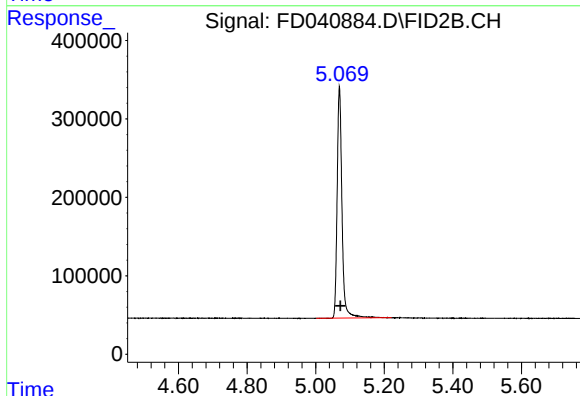




#1 1,2,3-Trimethylbenzene (C10.1)

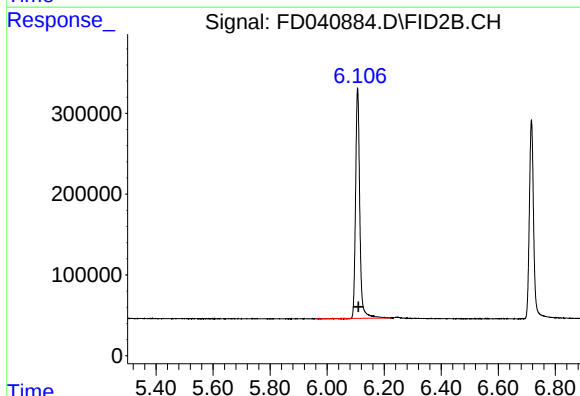
R.T.: 3.582 min
Delta R.T.: -0.002 min
Response: 2788837
Conc: 21.16 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



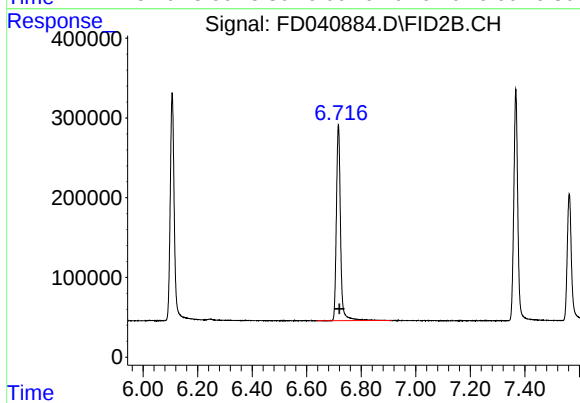
#2 Naphthalene (C11.7)

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 2895884
Conc: 21.32 ug/ml



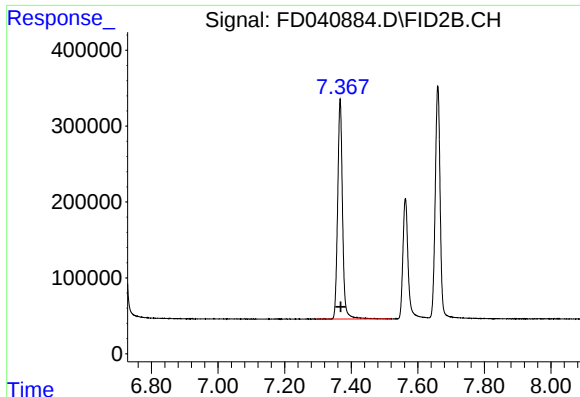
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 2909743
Conc: 21.18 ug/ml



#4 2-Bromonaphthalene (SURR)

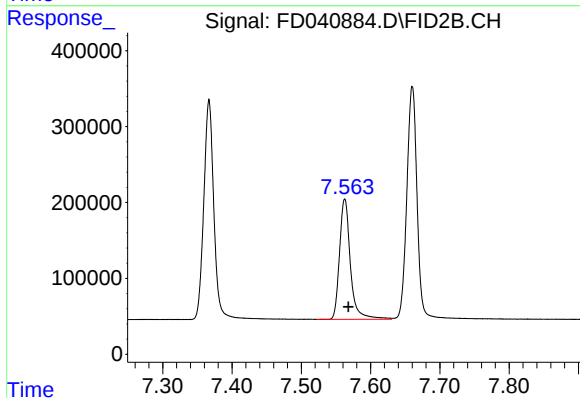
R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 2605933
Conc: 21.63 ug/ml



#5 Acenaphthylene (C15.06)

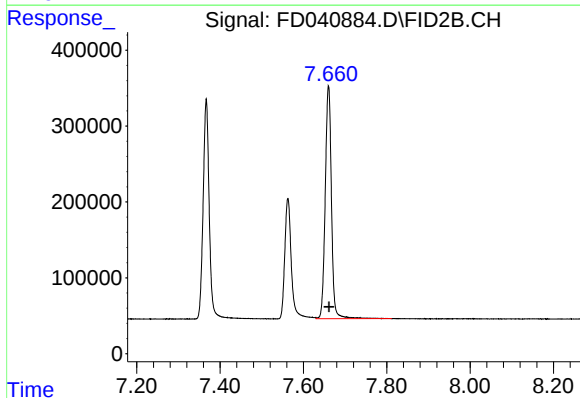
R.T.: 7.367 min
Delta R.T.: -0.002 min
Response: 2936248
Conc: 21.33 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



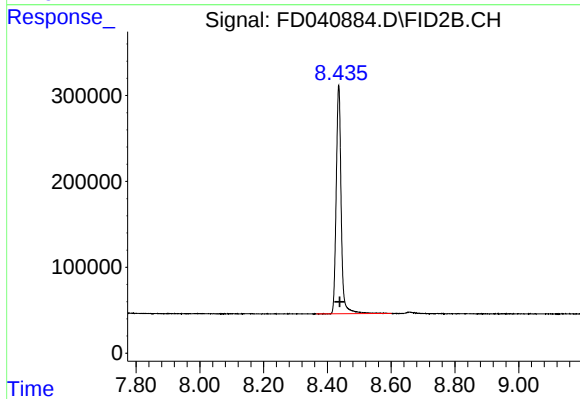
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.563 min
Delta R.T.: -0.005 min
Response: 1732529
Conc: 21.78 ug/ml



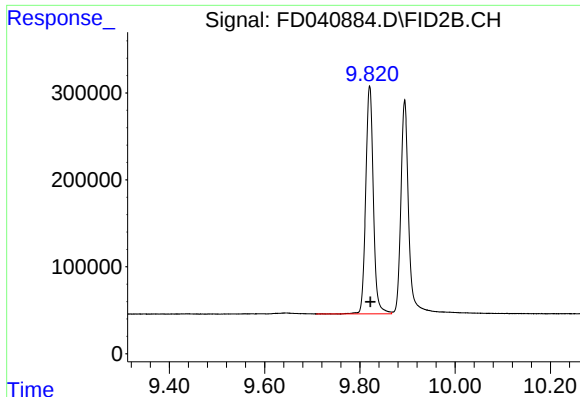
#7 Acenaphthene (C15.5)

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 3189763
Conc: 21.42 ug/ml



#8 Fluorene (C16.55)

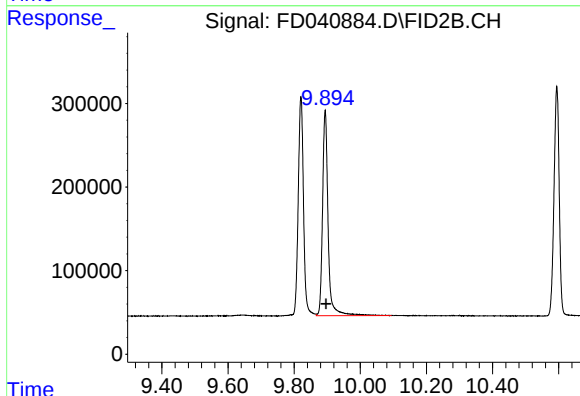
R.T.: 8.435 min
Delta R.T.: -0.003 min
Response: 2885222
Conc: 21.60 ug/ml



#9 Phenanthrene (C19.36)

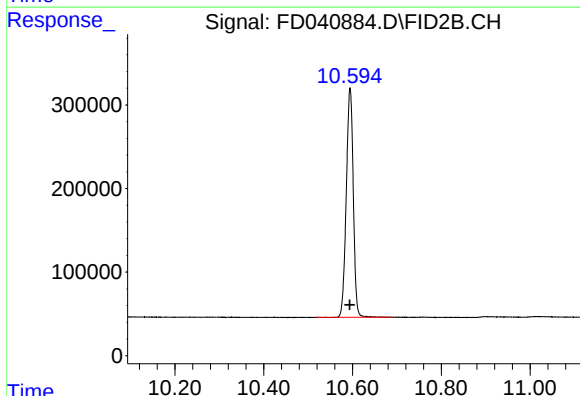
R.T.: 9.821 min
Delta R.T.: -0.002 min
Response: 2902694
Conc: 21.60 ug/ml

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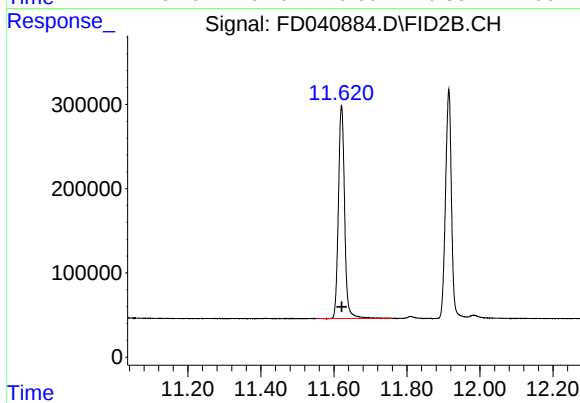
#10 Anthracene (C19.43)

R.T.: 9.894 min
Delta R.T.: -0.003 min
Response: 2860870
Conc: 21.17 ug/ml



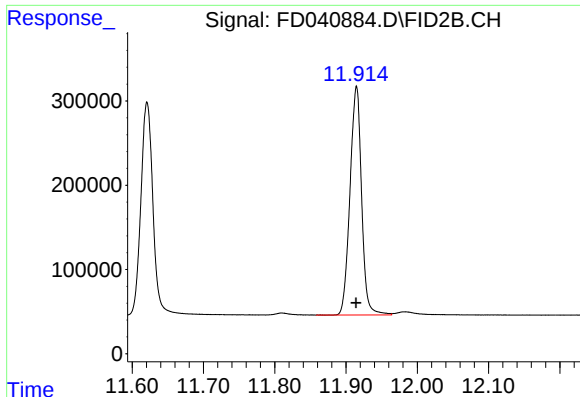
#11 ortho-Terphenyl (SURR)

R.T.: 10.595 min
Delta R.T.: 0.000 min
Response: 3002112
Conc: 21.36 ug/ml



#12 Fluoranthene (C21.85)

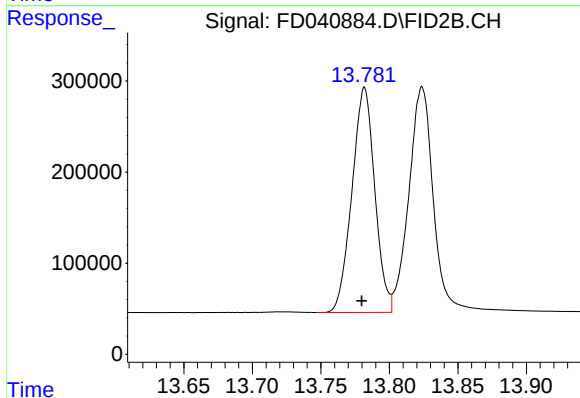
R.T.: 11.621 min
Delta R.T.: 0.000 min
Response: 2982399
Conc: 21.39 ug/ml



#13 Pyrene (C20.8)

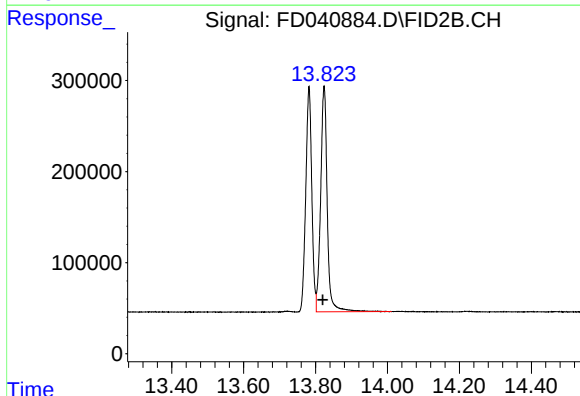
R.T.: 11.914 min
Delta R.T.: 0.000 min
Response: 3066792
Conc: 21.68 ug/ml

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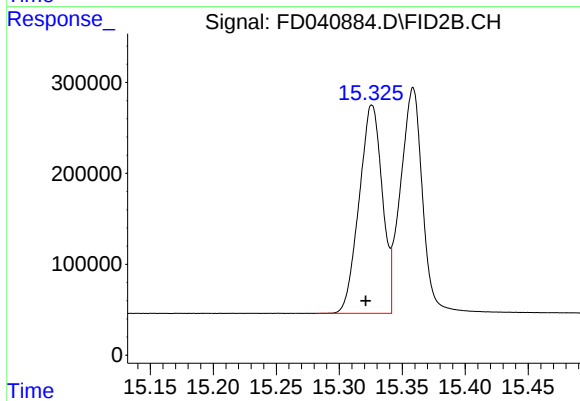
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.782 min
Delta R.T.: 0.002 min
Response: 2863946
Conc: 21.60 ug/ml



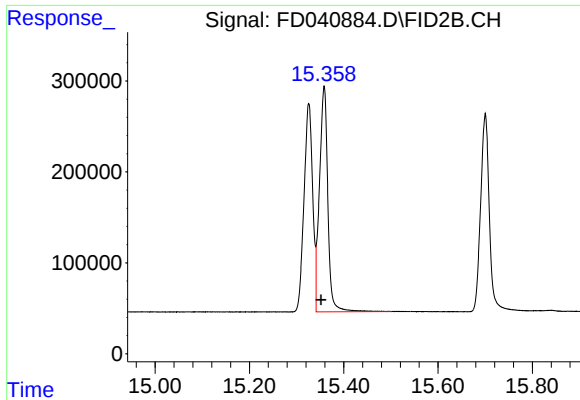
#15 Chrysene (C27.41)

R.T.: 13.824 min
Delta R.T.: 0.003 min
Response: 3162557
Conc: 21.13 ug/ml



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

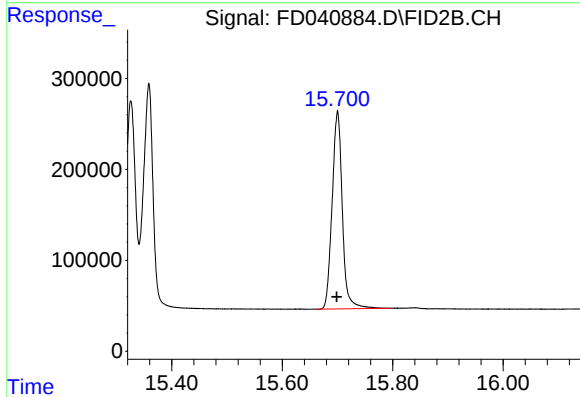
R.T.: 15.326 min
Delta R.T.: 0.005 min
Response: 2928546
Conc: 21.43 ug/ml



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

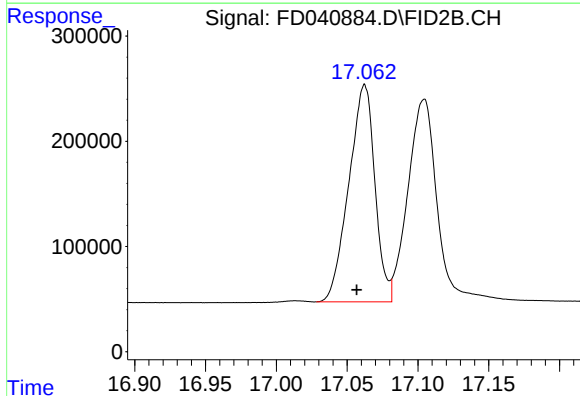
R.T.: 15.358 min
Delta R.T.: 0.005 min
Response: 3044485
Conc: 21.03 ug/ml

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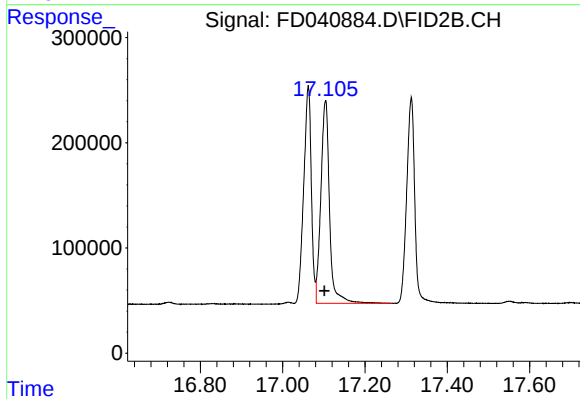
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.700 min
Delta R.T.: 0.001 min
Response: 2792594
Conc: 21.19 ug/ml



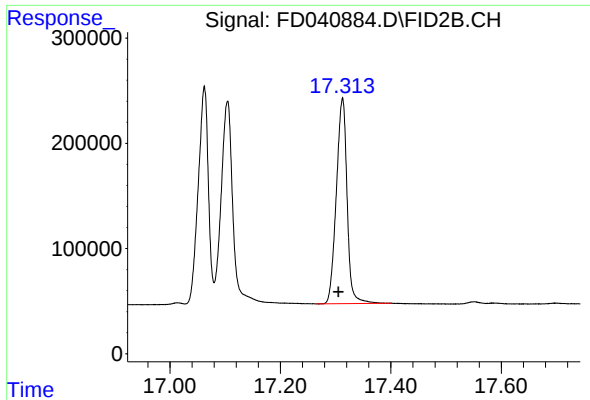
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.061 min
Delta R.T.: 0.004 min
Response: 2647845
Conc: 21.27 ug/ml



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

R.T.: 17.103 min
Delta R.T.: 0.002 min
Response: 2823370
Conc: 20.91 ug/ml



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

R.T.: 17.312 min
Delta R.T.: 0.006 min
Response: 2636294
Conc: 21.09 ug/ml

Instrument :
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