

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040305.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 18:03
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 31 03:41:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 16:15:14 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...	6.813	2627547	19.997 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
6) S 2-Fluorobiphenyl (SURR)	7.663	1698232	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	10.697	2786589	19.943 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.667	2995126	19.915 ug/ml
2) T Naphthalene (C11.7)	5.164	3018464	20.008 ug/ml
3) T 2-Methylnaphthalene (...)	6.204	3004937	20.013 ug/ml
5) T Acenaphthylene (C15.06)	7.468	2711634	19.918 ug/ml
7) T Acenaphthene (C15.5)	7.761	2896310	19.938 ug/ml
8) T Fluorene (C16.55)	8.537	2760358	19.990 ug/ml
9) T Phenanthrene (C19.36)	9.924	2692044	19.969 ug/ml
10) T Anthracene (C19.43)	9.998	2496858	19.854 ug/ml
12) T Fluoranthene (C21.85)	11.726	2680825	19.961 ug/ml
13) T Pyrene (C20.8)	12.020	2603893	19.933 ug/ml
14) T Benzo[a]anthracene (C...	13.886	2336276	19.995 ug/ml
15) T Chrysene (C27.41)	13.928	2512302	20.095 ug/ml
16) T benzo[b]fluoranthene ...	15.430	2466013	19.881 ug/ml
17) T Bnezo[k]fluoranthene ...	15.462	2470525	19.883 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.804	2388965	19.845 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.163	2263093	19.499 ug/ml
20) T Dibenz[a,h]anthracene...	17.206	2203263	19.385 ug/ml
21) T Benzo[g,h,i]perylene ...	17.416	2404970	19.706 ug/ml

(f)=RT Delta > 1/2 Window

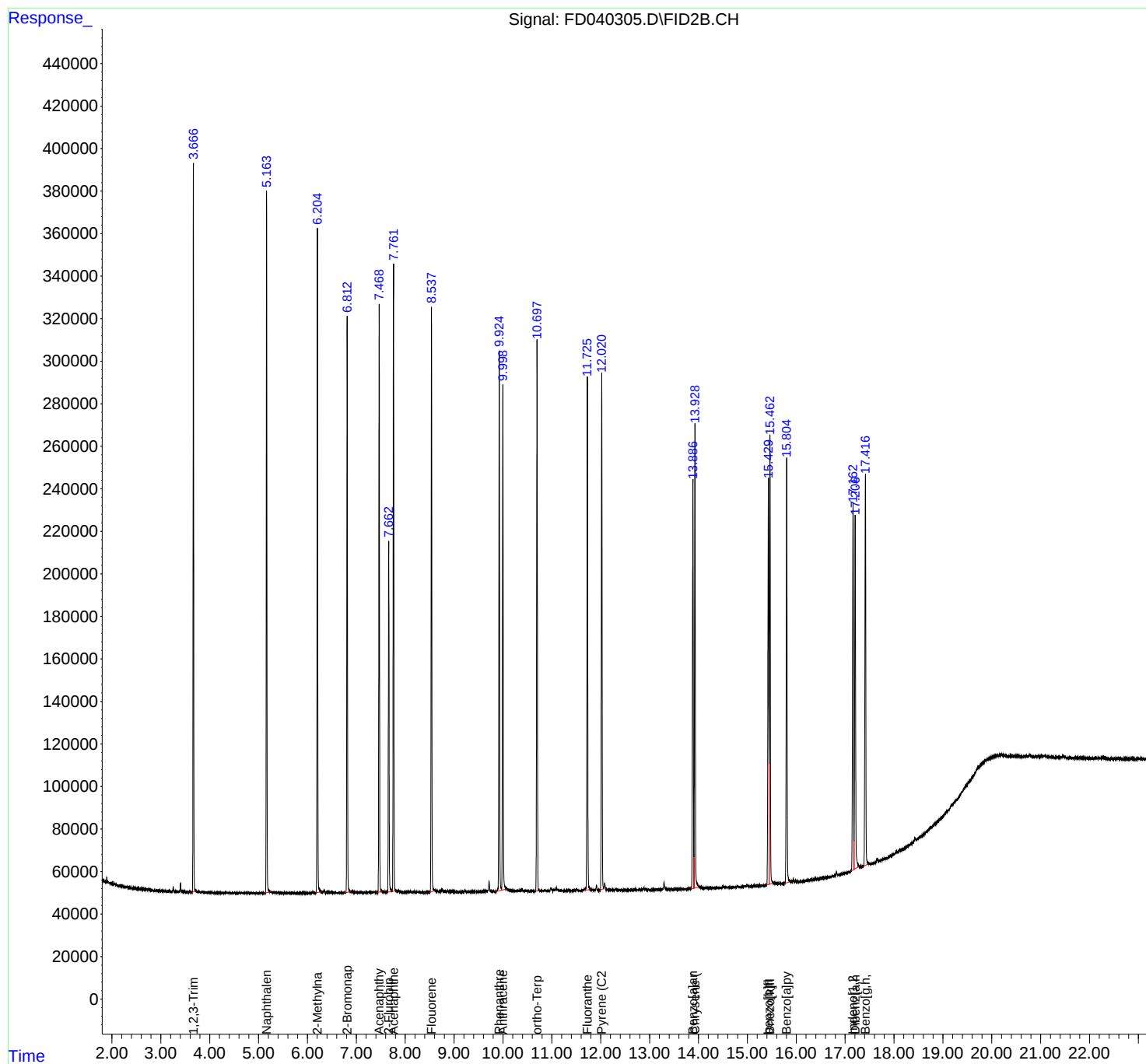
(m)=manual int.

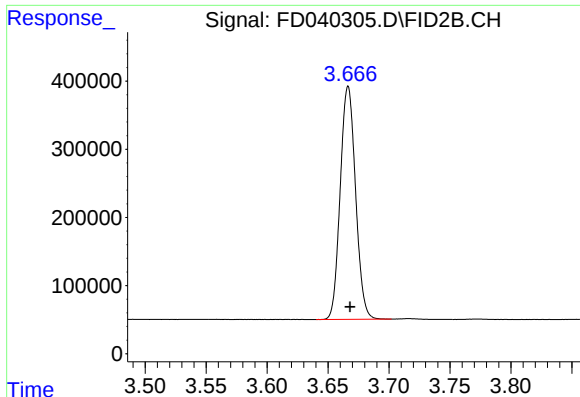
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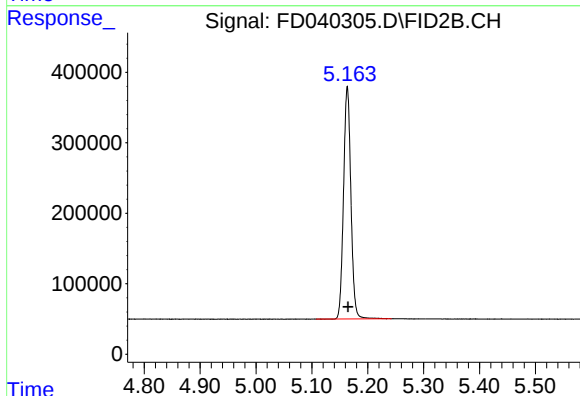




#1 1,2,3-Trimethylbenzene (C10.1)

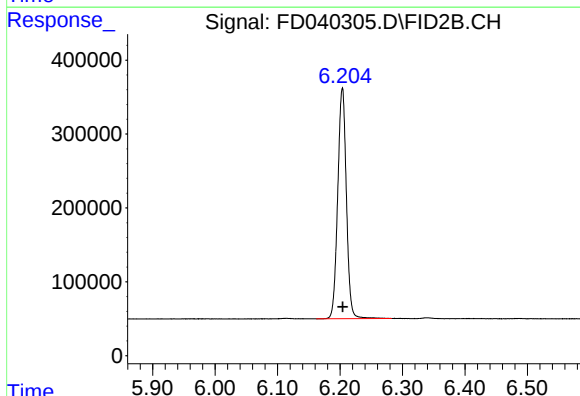
R.T.: 3.667 min
Delta R.T.: -0.001 min
Response: 2995126
Conc: 19.91 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



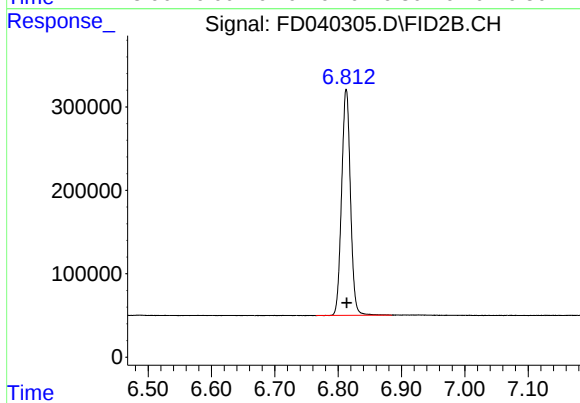
#2 Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.001 min
Response: 3018464
Conc: 20.01 ug/ml



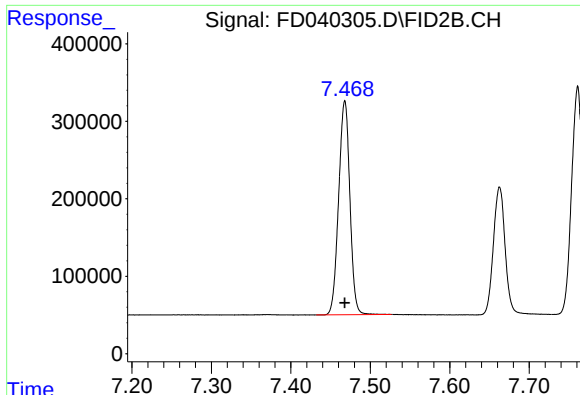
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 3004937
Conc: 20.01 ug/ml



#4 2-Bromonaphthalene (SURR)

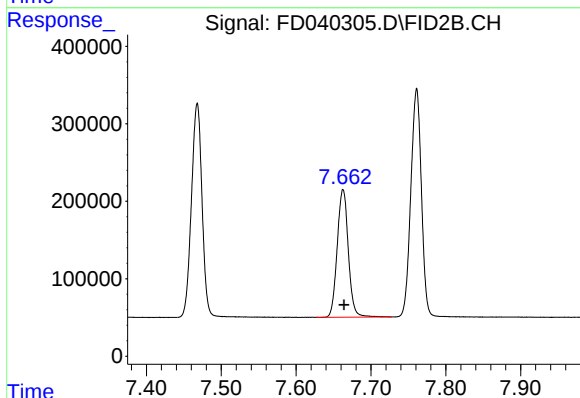
R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 2627547
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

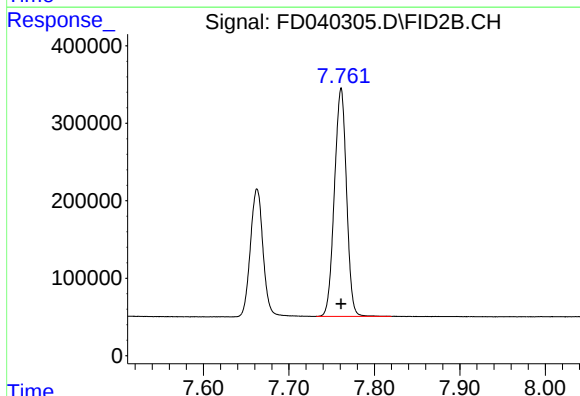
R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 2711634
Conc: 19.92 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



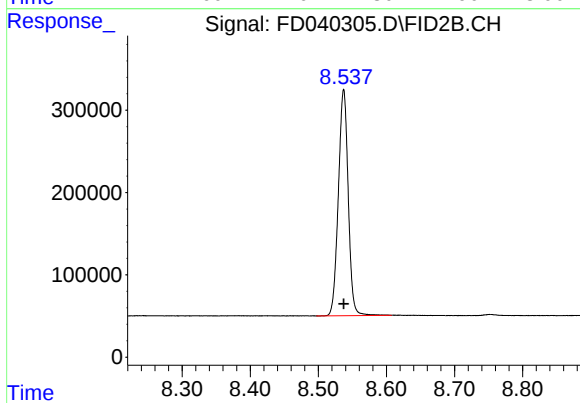
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.663 min
Delta R.T.: -0.001 min
Response: 1698232
Conc: 20.00 ug/ml



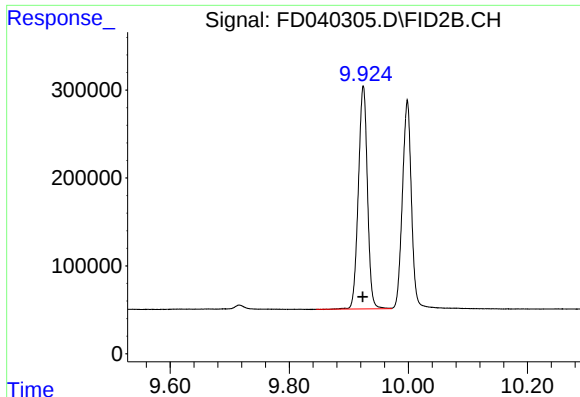
#7 Acenaphthene (C15.5)

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 2896310
Conc: 19.94 ug/ml



#8 Flouorene (C16.55)

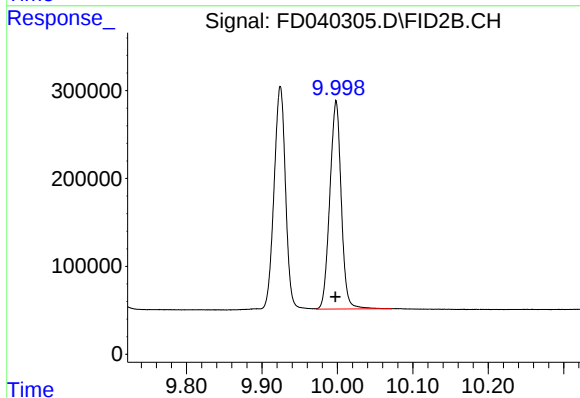
R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 2760358
Conc: 19.99 ug/ml



#9 Phenanthrene (C19.36)

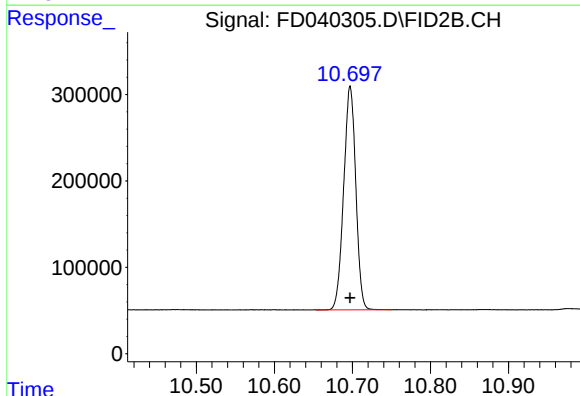
R.T.: 9.924 min
Delta R.T.: 0.000 min
Response: 2692044
Conc: 19.97 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



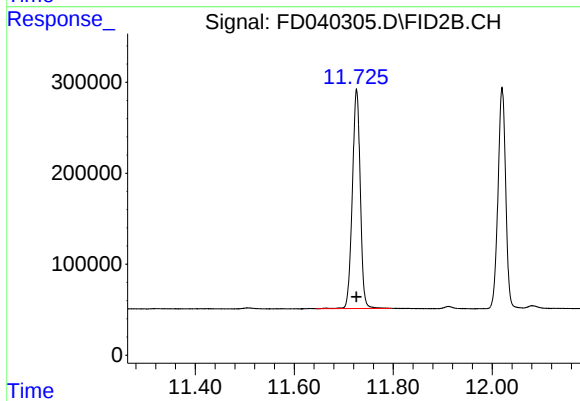
#10 Anthracene (C19.43)

R.T.: 9.998 min
Delta R.T.: 0.001 min
Response: 2496858
Conc: 19.85 ug/ml



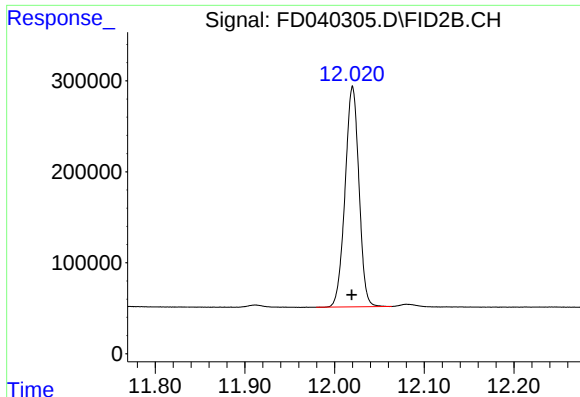
#11 ortho-Terphenyl (SURR)

R.T.: 10.697 min
Delta R.T.: 0.000 min
Response: 2786589
Conc: 19.94 ug/ml



#12 Fluoranthene (C21.85)

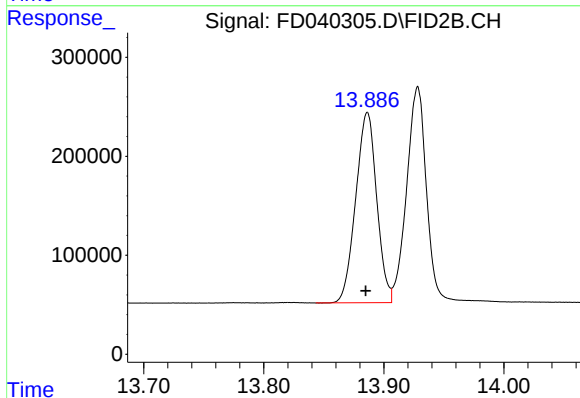
R.T.: 11.726 min
Delta R.T.: 0.000 min
Response: 2680825
Conc: 19.96 ug/ml



#13 Pyrene (C20.8)

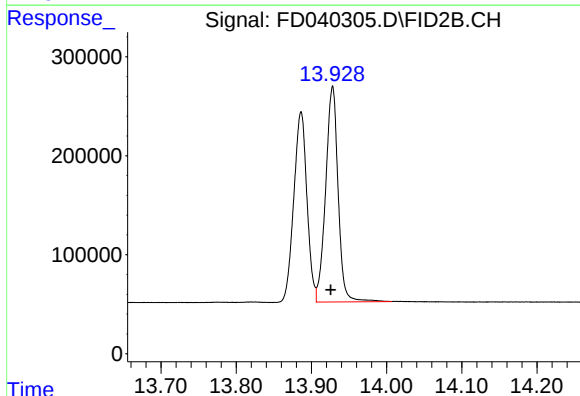
R.T.: 12.020 min
Delta R.T.: 0.000 min
Response: 2603893
Conc: 19.93 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



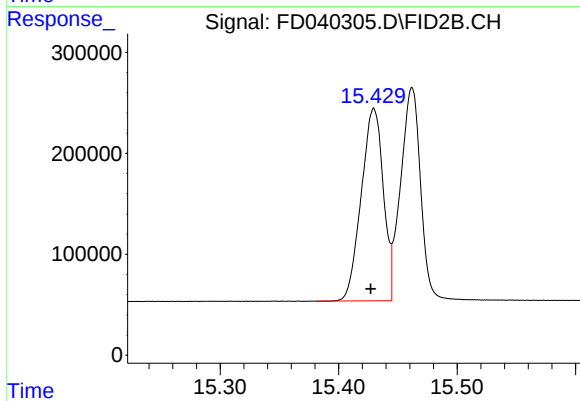
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.886 min
Delta R.T.: 0.002 min
Response: 2336276
Conc: 20.00 ug/ml



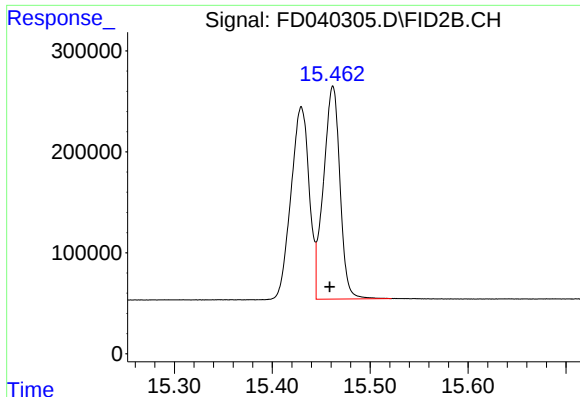
#15 Chrysene (C27.41)

R.T.: 13.928 min
Delta R.T.: 0.003 min
Response: 2512302
Conc: 20.09 ug/ml



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

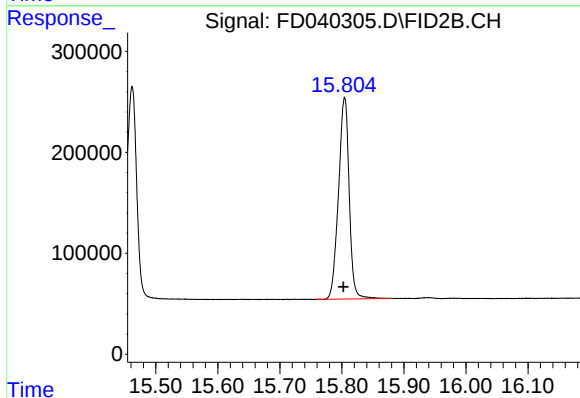
R.T.: 15.430 min
Delta R.T.: 0.003 min
Response: 2466013
Conc: 19.88 ug/ml



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

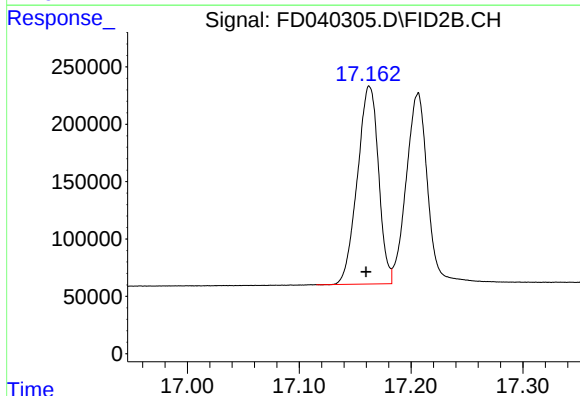
R.T.: 15.462 min
Delta R.T.: 0.003 min
Response: 2470525
Conc: 19.88 ug/ml

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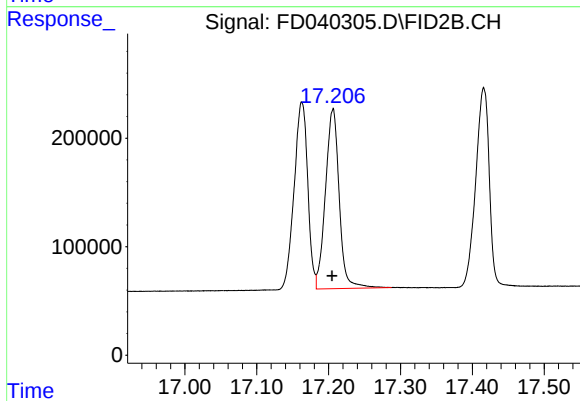
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.804 min
Delta R.T.: 0.002 min
Response: 2388965
Conc: 19.85 ug/ml



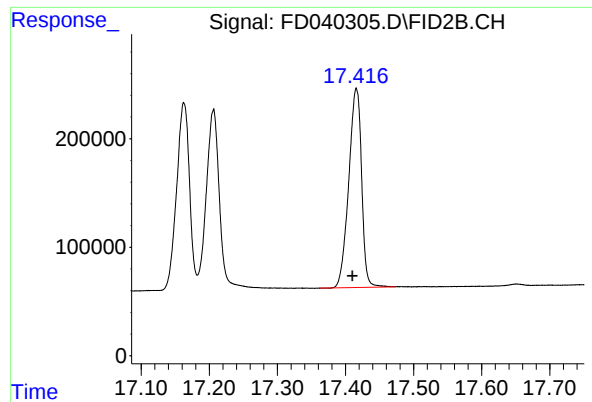
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.163 min
Delta R.T.: 0.003 min
Response: 2263093
Conc: 19.50 ug/ml



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

R.T.: 17.206 min
Delta R.T.: 0.001 min
Response: 2203263
Conc: 19.38 ug/ml



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

R.T.: 17.416 min
Delta R.T.: 0.006 min
Response: 2404970
Conc: 19.71 ug/ml

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