

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037062.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 3:17
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Apr 22 04:07:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 04:06:44 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...	7.575	2307197	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.436	1511873	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.477	2402153	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	2579272	20.000 ug/ml
2) T Naphthalene (C11.7)	5.913	2673587	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.965	2611161	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.239	2448276	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.535	2518259	20.000 ug/ml
8) T Fluorene (C16.55)	9.315	2399950	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.709	2311556	20.000 ug/ml
10) T Anthracene (C19.43)	10.784	2255268	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.518	2268897	20.000 ug/ml
13) T Pyrene (C20.8)	12.815	2238438	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.685	2149457	20.000 ug/ml
15) T Chrysene (C27.41)	14.726	2205254	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.232	2174291	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.265	2120991	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.610	2015452	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.973	2067398	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.013	2083439	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.227	2097112	20.000 ug/ml

(f)=RT Delta > 1/2 Window

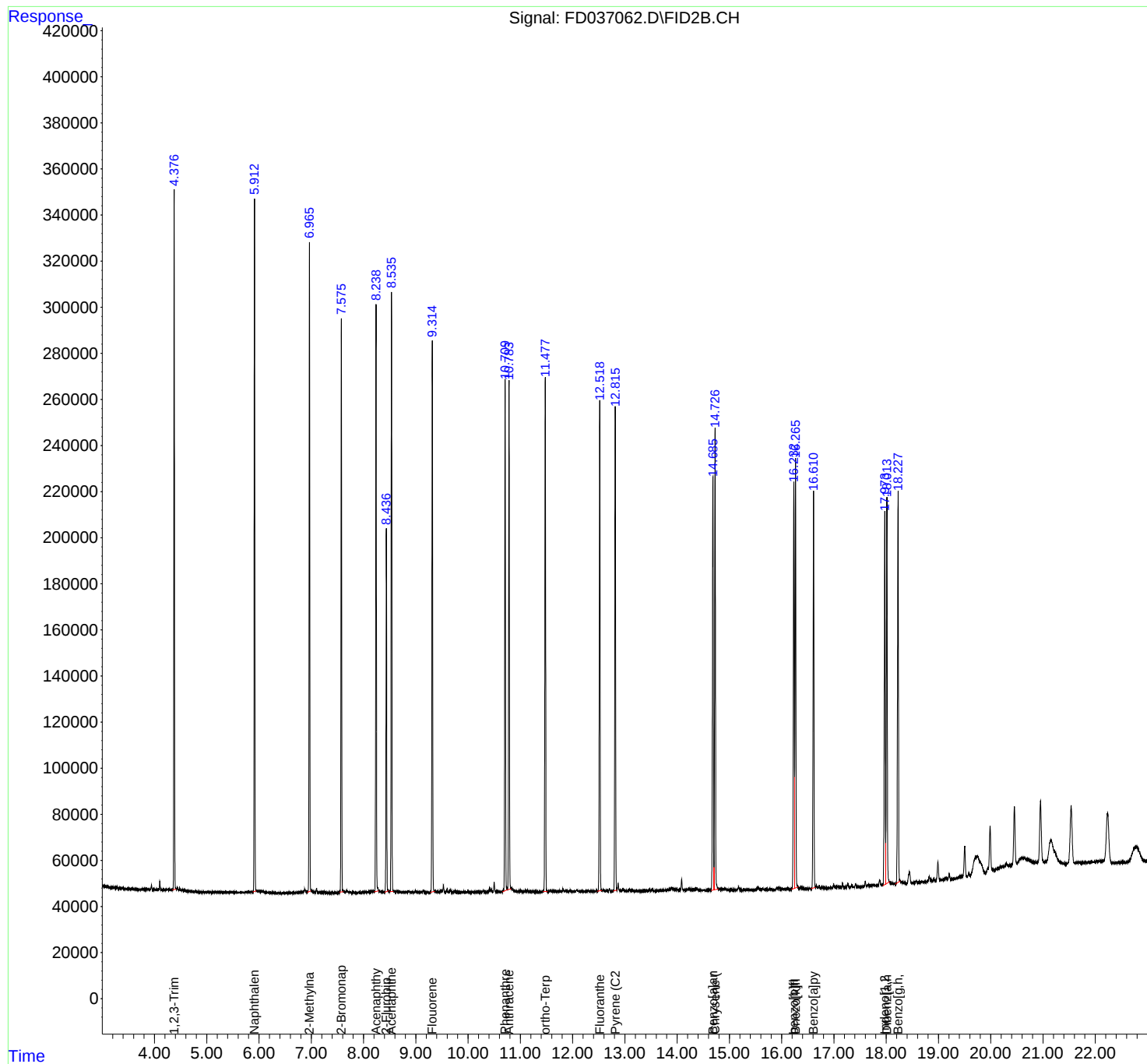
(m)=manual int.

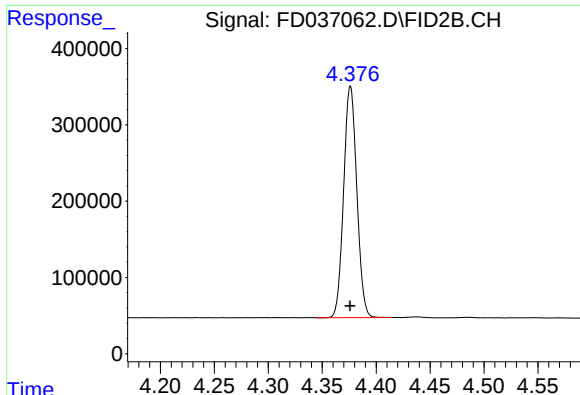
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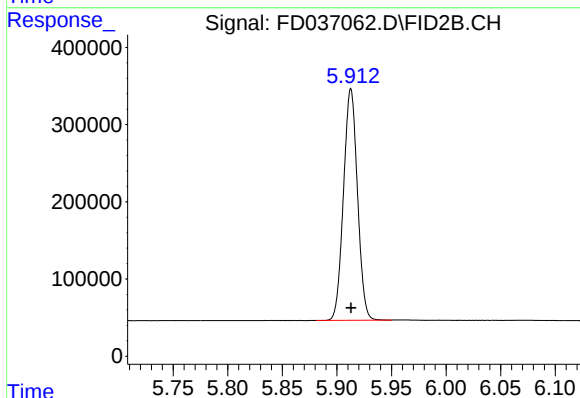




#1 1,2,3-Trimethylbenzene (C10.1)

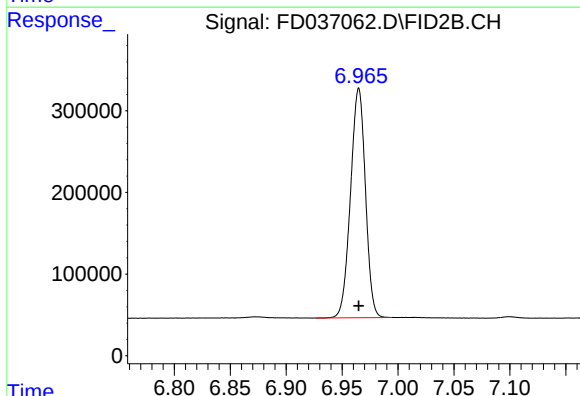
R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 2579272
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



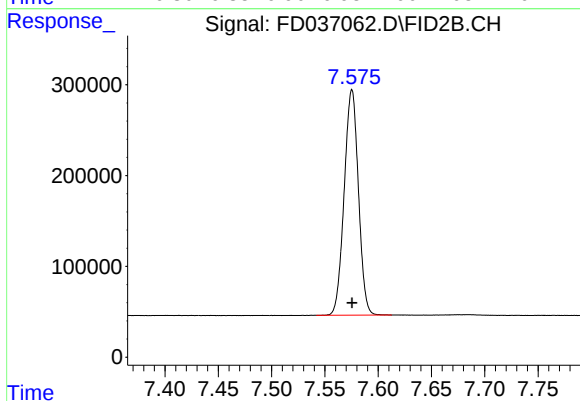
#2 Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 2673587
Conc: 20.00 ug/ml



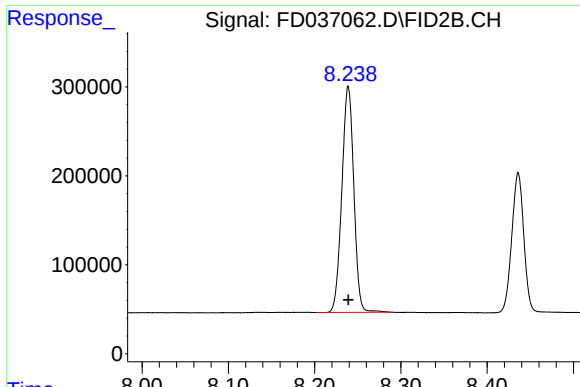
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 2611161
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

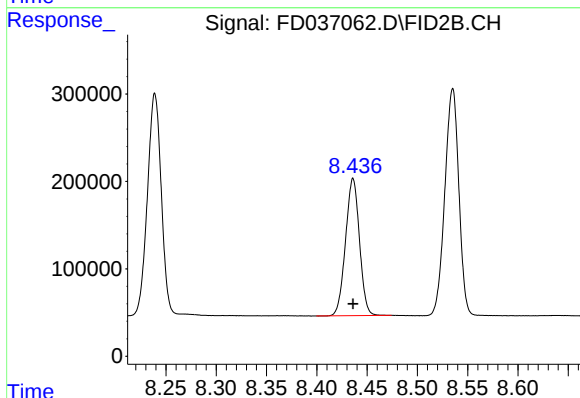
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 2307197
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

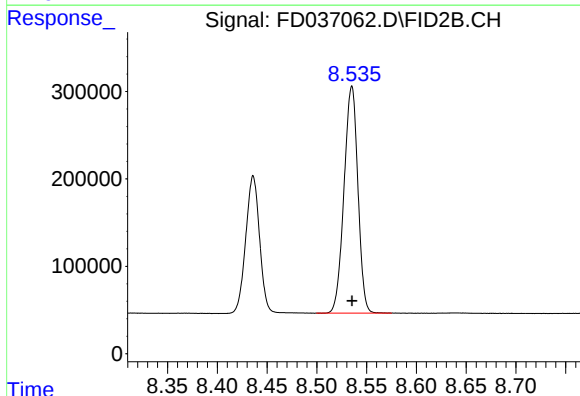
R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 2448276
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



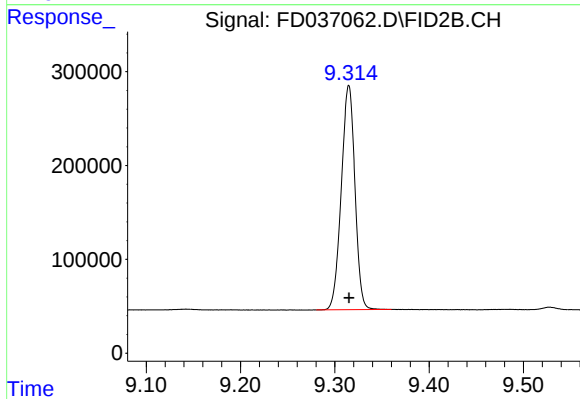
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.436 min
Delta R.T.: 0.000 min
Response: 1511873
Conc: 20.00 ug/ml



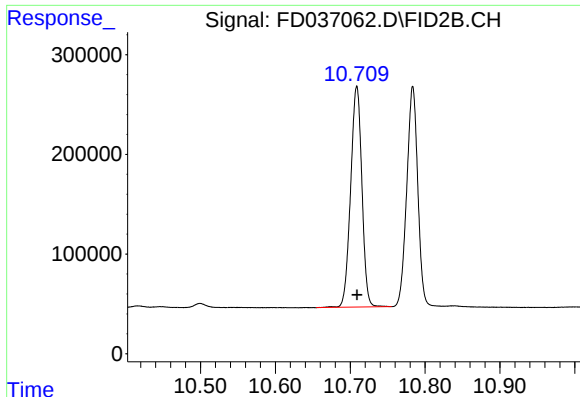
#7 Acenaphthene (C15.5)

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 2518259
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

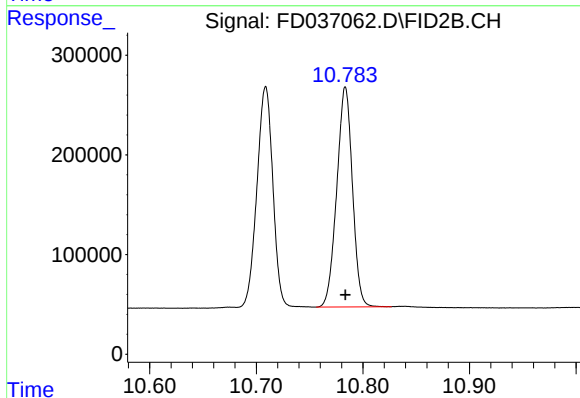
R.T.: 9.315 min
Delta R.T.: 0.000 min
Response: 2399950
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

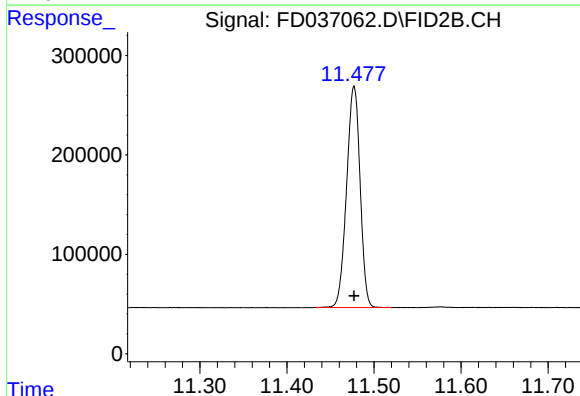
R.T.: 10.709 min
Delta R.T.: 0.000 min
Response: 2311556
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



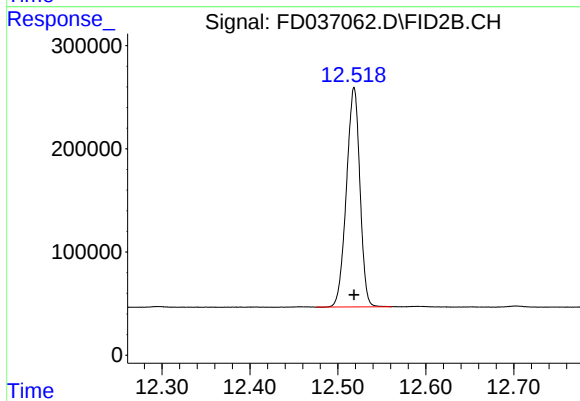
#10 Anthracene (C19.43)

R.T.: 10.784 min
Delta R.T.: 0.000 min
Response: 2255268
Conc: 20.00 ug/ml



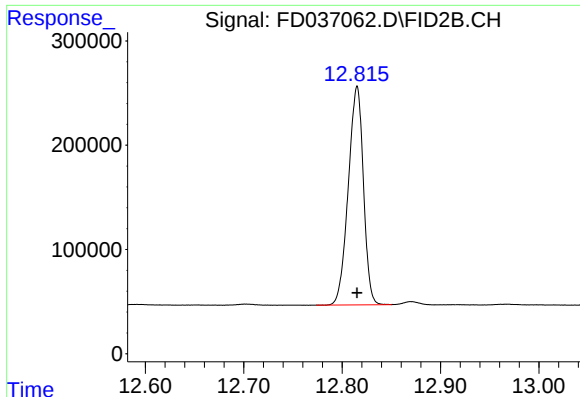
#11 ortho-Terphenyl (SURR)

R.T.: 11.477 min
Delta R.T.: 0.000 min
Response: 2402153
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

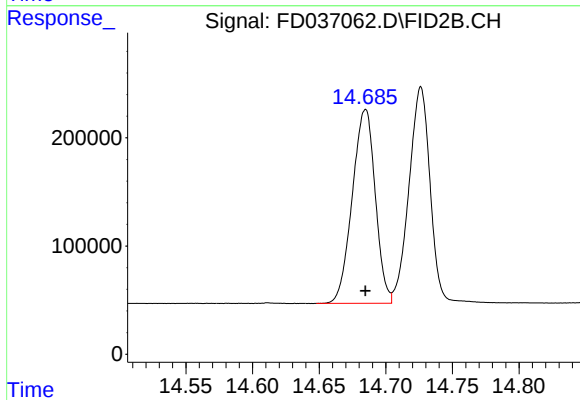
R.T.: 12.518 min
Delta R.T.: 0.000 min
Response: 2268897
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

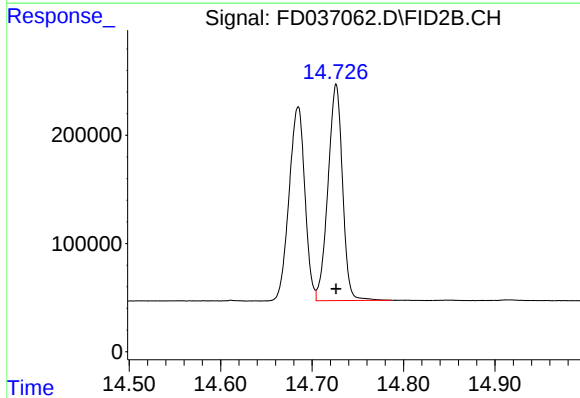
R.T.: 12.815 min
Delta R.T.: 0.000 min
Response: 2238438
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



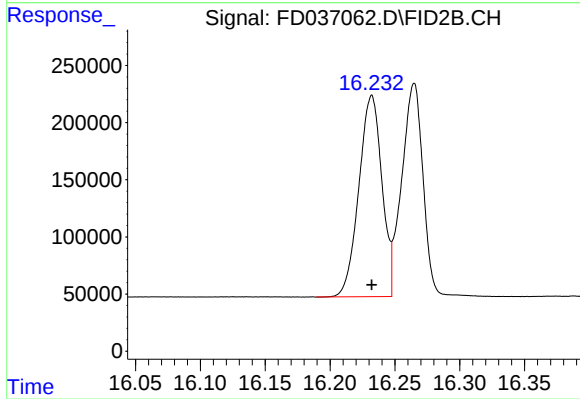
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.685 min
Delta R.T.: 0.000 min
Response: 2149457
Conc: 20.00 ug/ml



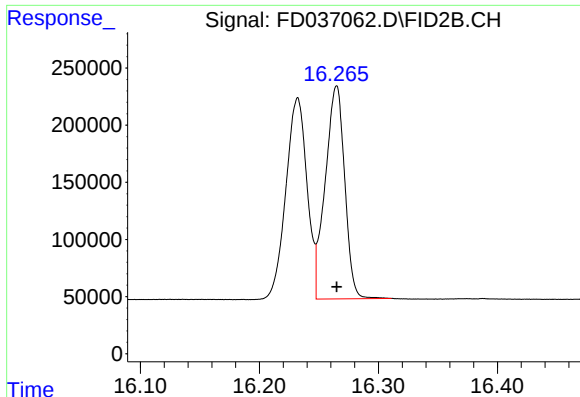
#15 Chrysene (C27.41)

R.T.: 14.726 min
Delta R.T.: 0.000 min
Response: 2205254
Conc: 20.00 ug/ml



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

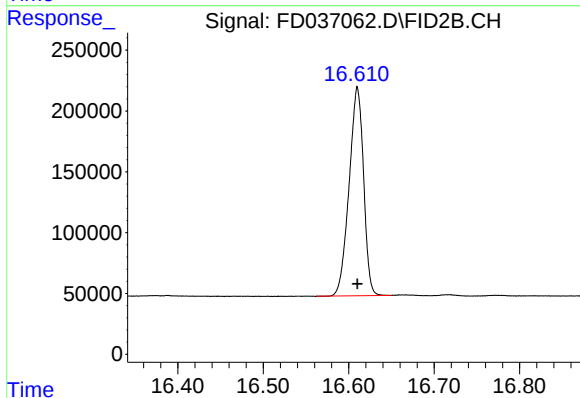
R.T.: 16.232 min
Delta R.T.: 0.000 min
Response: 2174291
Conc: 20.00 ug/ml



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

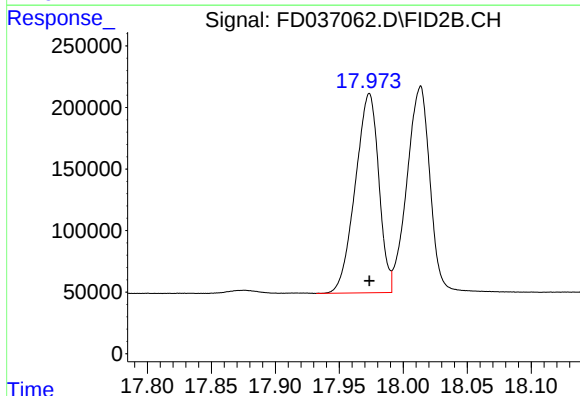
R.T.: 16.265 min
Delta R.T.: 0.000 min
Response: 2120991
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



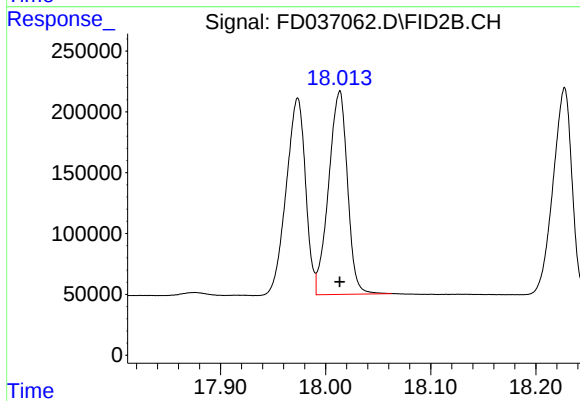
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.610 min
Delta R.T.: 0.000 min
Response: 2015452
Conc: 20.00 ug/ml



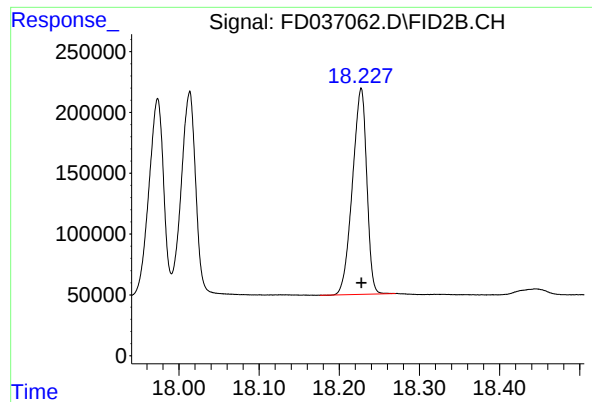
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.973 min
Delta R.T.: 0.000 min
Response: 2067398
Conc: 20.00 ug/ml



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

R.T.: 18.013 min
Delta R.T.: 0.000 min
Response: 2083439
Conc: 20.00 ug/ml



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

R.T.: 18.227 min
Delta R.T.: 0.000 min
Response: 2097112
Conc: 20.00 ug/ml

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