

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037080.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 15:23
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 22 16:02:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.577	2413356	20.411 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
6) S 2-Fluorobiphenyl (SURR)	8.438	1586623	20.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.12%
11) S ortho-Terphenyl (SURR)	11.478	2532246	20.501 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	2653860	19.958 ug/ml
2) T Naphthalene (C11.7)	5.914	2772103	20.166 ug/ml
3) T 2-Methylnaphthalene (...)	6.966	2722494	20.302 ug/ml
5) T Acenaphthylene (C15.06)	8.241	2571599	20.559 ug/ml
7) T Acenaphthene (C15.5)	8.537	2642603	20.449 ug/ml
8) T Flouorene (C16.55)	9.317	2523954	20.605 ug/ml
9) T Phenanthrene (C19.36)	10.712	2453142	20.811 ug/ml
10) T Anthracene (C19.43)	10.786	2388595	20.737 ug/ml
12) T Fluoranthene (C21.85)	12.522	2391804	20.508 ug/ml
13) T Pyrene (C20.8)	12.819	2357388	20.477 ug/ml
14) T Benzo[a]anthracene (C...	14.689	2211062	20.089 ug/ml
15) T Chrysene (C27.41)	14.731	2277124	20.116 ug/ml
16) T benzo[b]fluoranthene ...	16.238	2219131	19.785 ug/ml
17) T Bnezo[k]fluoranthene ...	16.270	2161997	20.073 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.615	2051844	19.825 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	2117344	19.905 ug/ml
20) T Dibenz[a,h]anthracene...	18.019	2127962	20.366 ug/ml
21) T Benzo[g,h,i]perylene ...	18.234	2143681	20.070 ug/ml

(f)=RT Delta > 1/2 Window

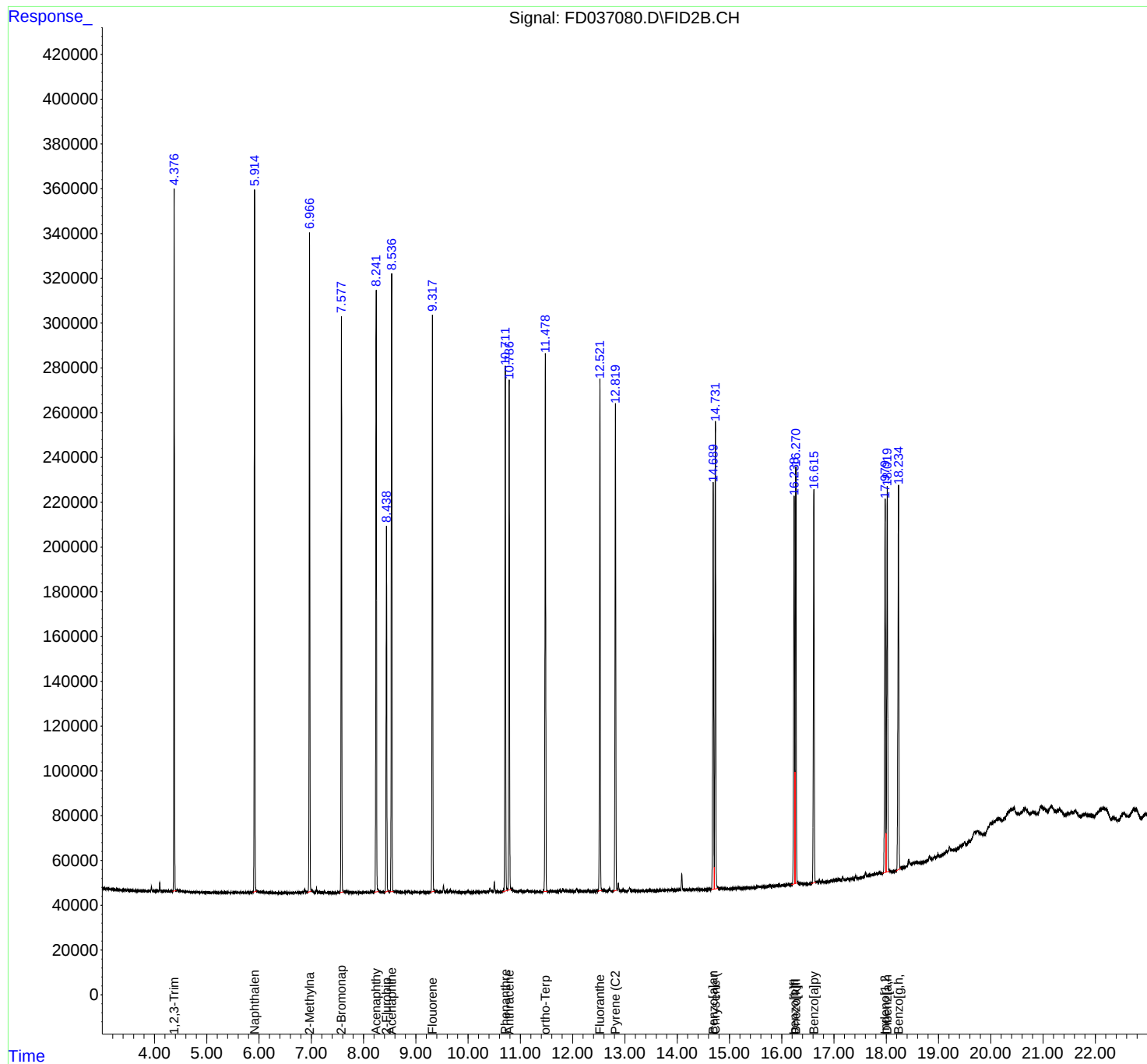
(m)=manual int.

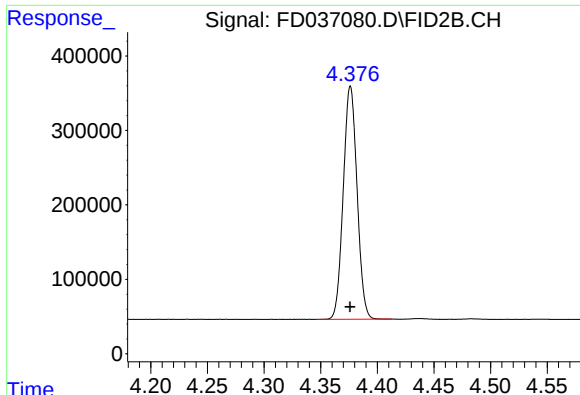
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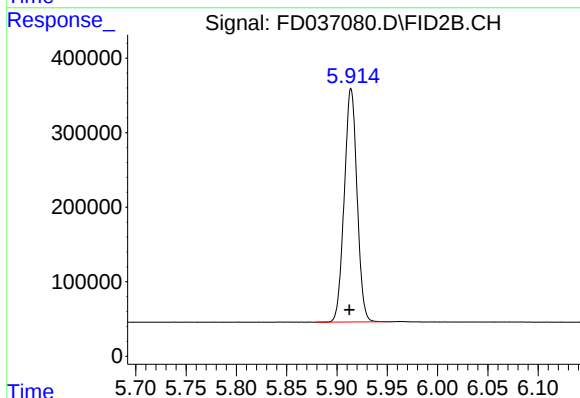




#1 1,2,3-Trimethylbenzene (C10.1)

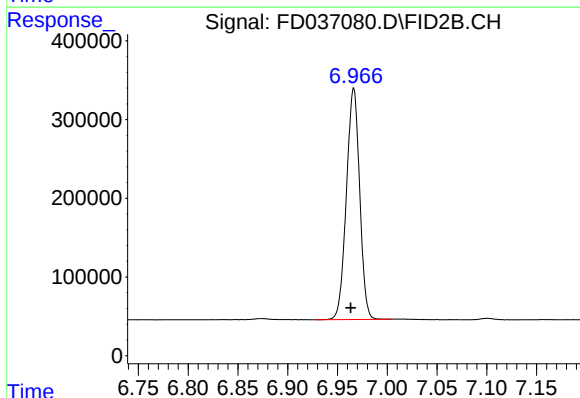
R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 2653860
Conc: 19.96 ug/ml

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20 PPM AROMATIC HC STD



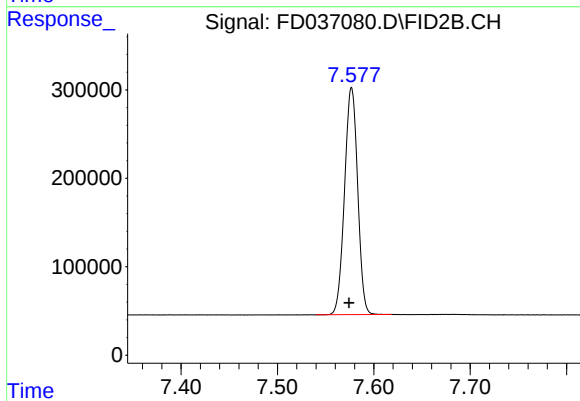
#2 Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: 0.002 min
Response: 2772103
Conc: 20.17 ug/ml



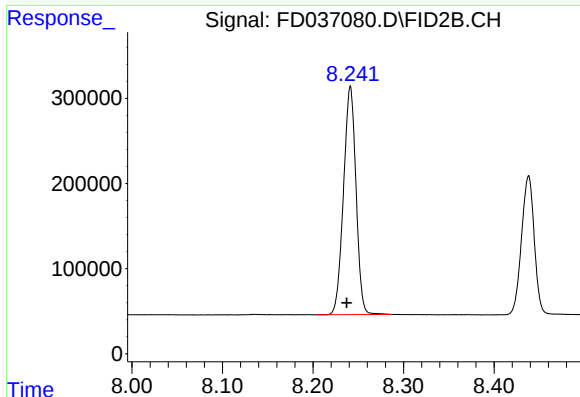
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.966 min
Delta R.T.: 0.003 min
Response: 2722494
Conc: 20.30 ug/ml



#4 2-Bromonaphthalene (SURR)

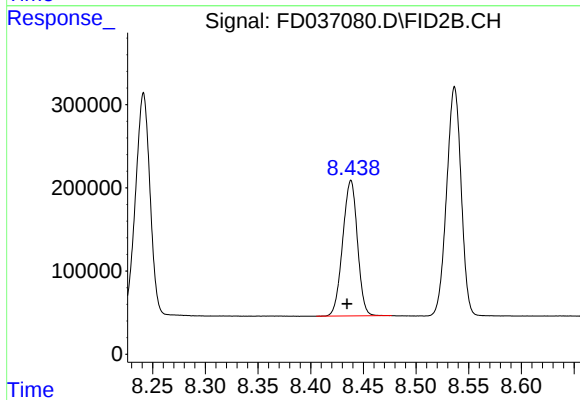
R.T.: 7.577 min
Delta R.T.: 0.003 min
Response: 2413356
Conc: 20.41 ug/ml



#5 Acenaphthylene (C15.06)

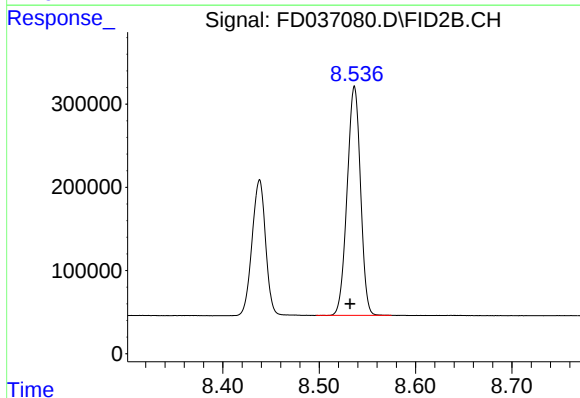
R.T.: 8.241 min
Delta R.T.: 0.004 min
Response: 2571599
Conc: 20.56 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



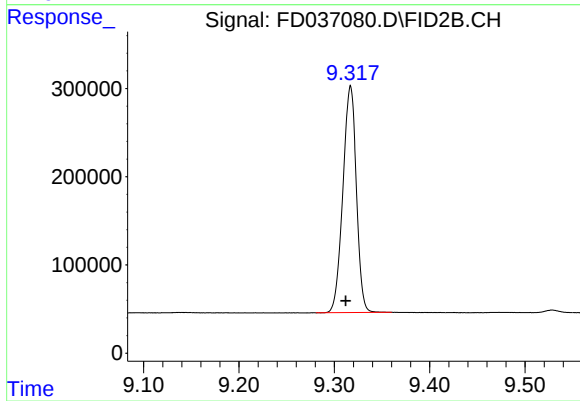
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.438 min
Delta R.T.: 0.004 min
Response: 1586623
Conc: 20.56 ug/ml



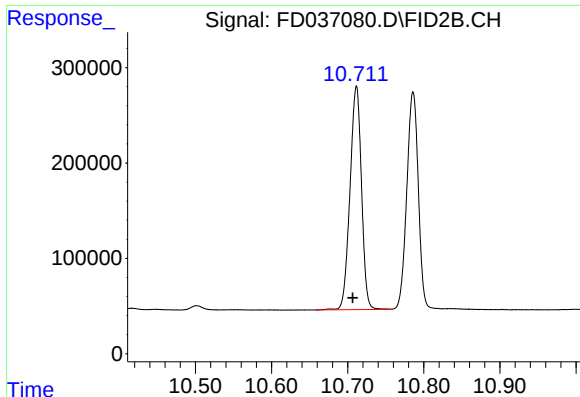
#7 Acenaphthene (C15.5)

R.T.: 8.537 min
Delta R.T.: 0.004 min
Response: 2642603
Conc: 20.45 ug/ml



#8 Fluorene (C16.55)

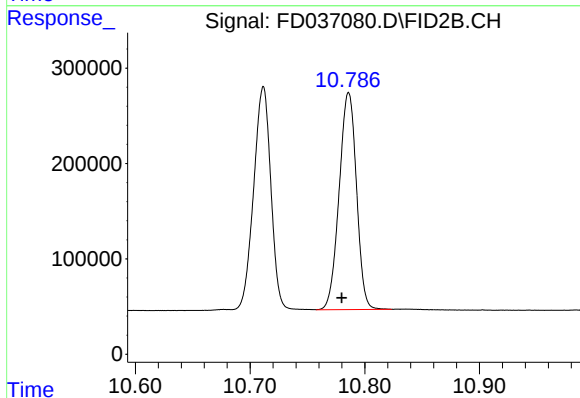
R.T.: 9.317 min
Delta R.T.: 0.005 min
Response: 2523954
Conc: 20.61 ug/ml



#9 Phenanthrene (C19.36)

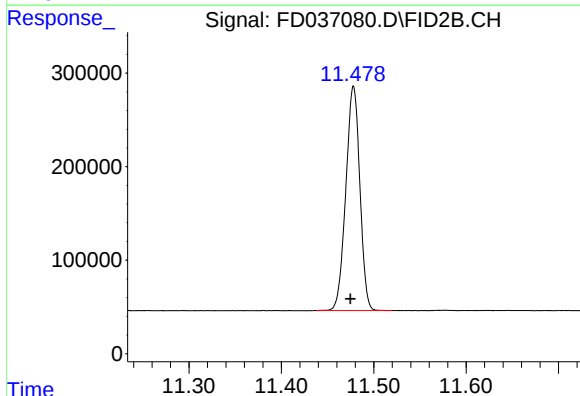
R.T.: 10.712 min
Delta R.T.: 0.005 min
Response: 2453142
Conc: 20.81 ug/ml

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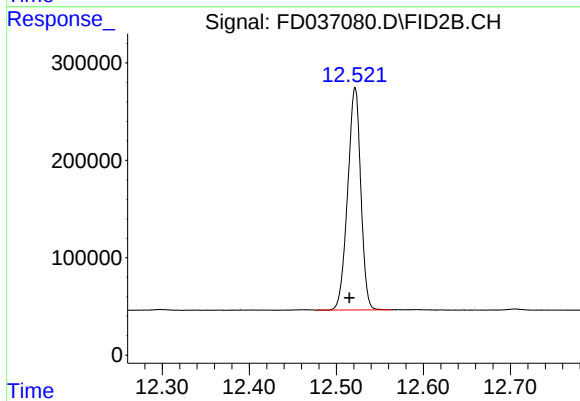
#10 Anthracene (C19.43)

R.T.: 10.786 min
Delta R.T.: 0.006 min
Response: 2388595
Conc: 20.74 ug/ml



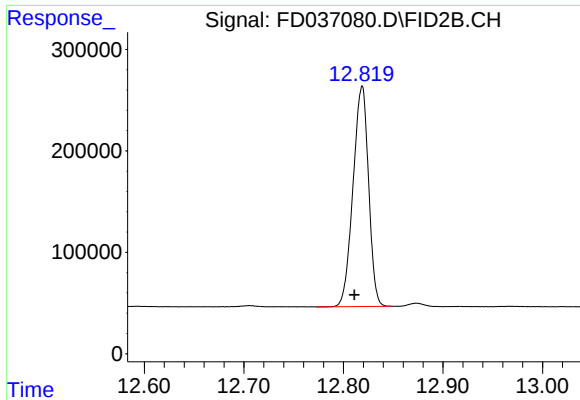
#11 ortho-Terphenyl (SURR)

R.T.: 11.478 min
Delta R.T.: 0.003 min
Response: 2532246
Conc: 20.50 ug/ml



#12 Fluoranthene (C21.85)

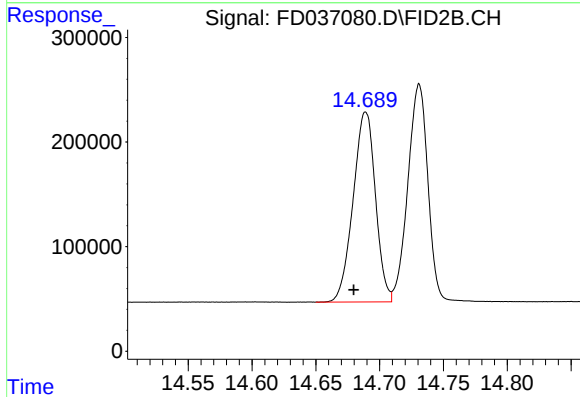
R.T.: 12.522 min
Delta R.T.: 0.006 min
Response: 2391804
Conc: 20.51 ug/ml



#13 Pyrene (C20.8)

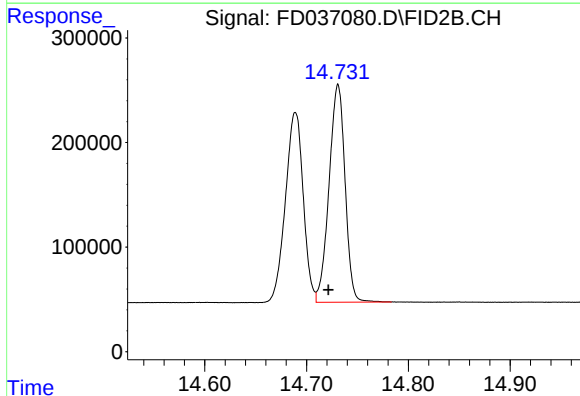
R.T.: 12.819 min
Delta R.T.: 0.008 min
Response: 2357388
Conc: 20.48 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



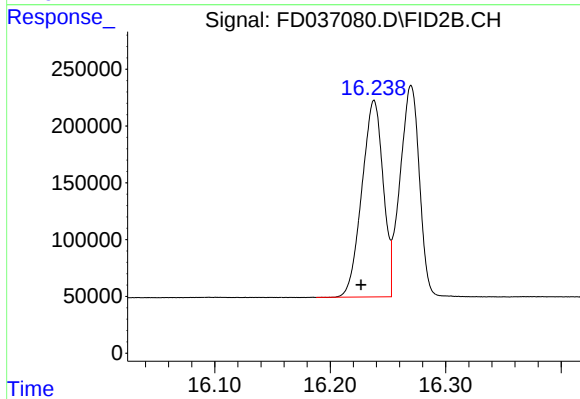
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.689 min
Delta R.T.: 0.009 min
Response: 2211062
Conc: 20.09 ug/ml



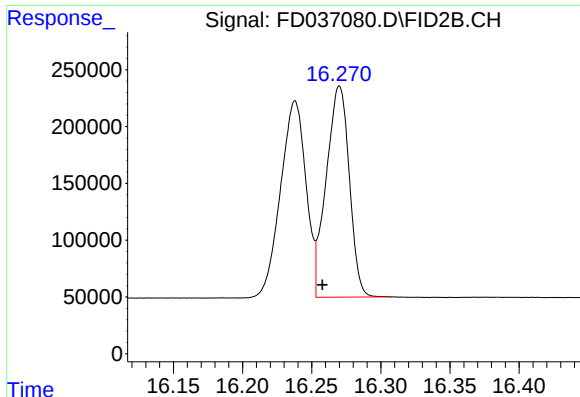
#15 Chrysene (C27.41)

R.T.: 14.731 min
Delta R.T.: 0.010 min
Response: 2277124
Conc: 20.12 ug/ml



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

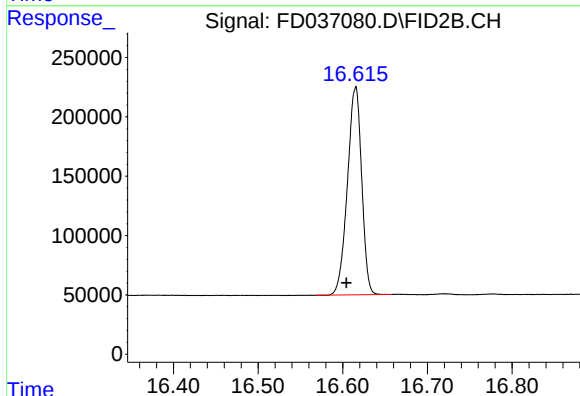
R.T.: 16.238 min
Delta R.T.: 0.011 min
Response: 2219131
Conc: 19.78 ug/ml



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

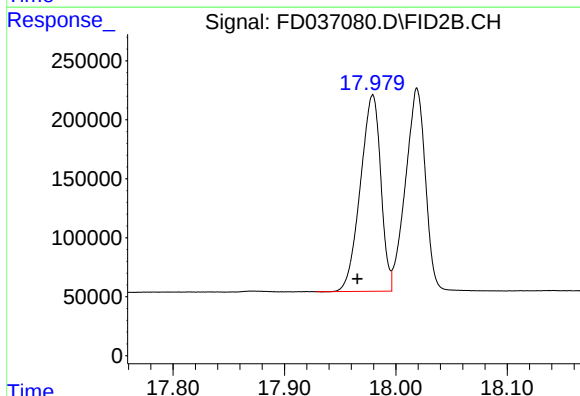
R.T.: 16.270 min
Delta R.T.: 0.012 min
Response: 2161997
Conc: 20.07 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



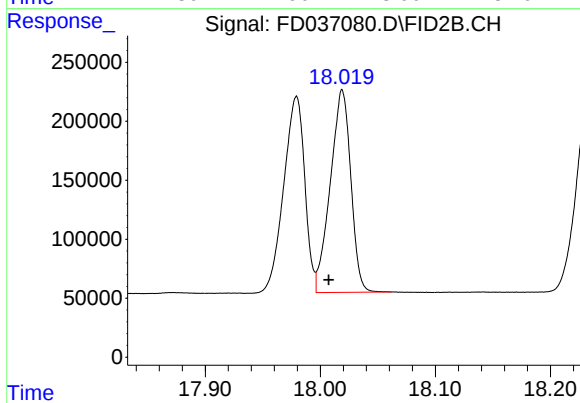
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.615 min
Delta R.T.: 0.011 min
Response: 2051844
Conc: 19.82 ug/ml



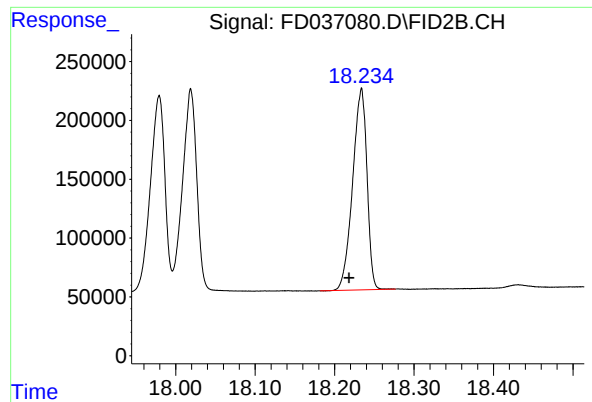
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.979 min
Delta R.T.: 0.014 min
Response: 2117344
Conc: 19.90 ug/ml



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

R.T.: 18.019 min
Delta R.T.: 0.012 min
Response: 2127962
Conc: 20.37 ug/ml



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

R.T.: 18.234 min
Delta R.T.: 0.016 min
Response: 2143681
Conc: 20.07 ug/ml

Instrument :
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ClientSampleId :
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