

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042721AR\
 Data File : FD037192.D
 Signal(s) : FID2B.CH
 Acq On : 28 Apr 2021 1:09
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 28 07:24:20 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...	7.572	2279962	19.283 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
6) S 2-Fluorobiphenyl (SURR)	8.433	1458567	18.903 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.81%
11) S ortho-Terphenyl (SURR)	11.473	2297362	18.600 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.373	2651414	19.939 ug/ml
2) T Naphthalene (C11.7)	5.910	2674220	19.454 ug/ml
3) T 2-Methylnaphthalene (...)	6.962	2579932	19.239 ug/ml
5) T Acenaphthylene (C15.06)	8.237	2375581	18.992 ug/ml
7) T Acenaphthene (C15.5)	8.532	2452594	18.979 ug/ml
8) T Fluorene (C16.55)	9.312	2308021	18.843 ug/ml
9) T Phenanthrene (C19.36)	10.707	2209436	18.743 ug/ml
10) T Anthracene (C19.43)	10.781	1997743	17.344 ug/ml
12) T Fluoranthene (C21.85)	12.517	2166147	18.573 ug/ml
13) T Pyrene (C20.8)	12.813	2141528	18.602 ug/ml
14) T Benzo[a]anthracene (C...	14.683	2046459	18.594 ug/ml
15) T Chrysene (C27.41)	14.725	2118532	18.715 ug/ml
16) T benzo[b]fluoranthene ...	16.232	2138240	19.063 ug/ml
17) T Bnezo[k]fluoranthene ...	16.264	2070135	19.220 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.609	1977141	19.103 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.973	2072512	19.483 ug/ml
20) T Dibenz[a,h]anthracene...	18.013	2055817	19.676 ug/ml
21) T Benzo[g,h,i]perylene ...	18.228	2118641	19.835 ug/ml

(f)=RT Delta > 1/2 Window

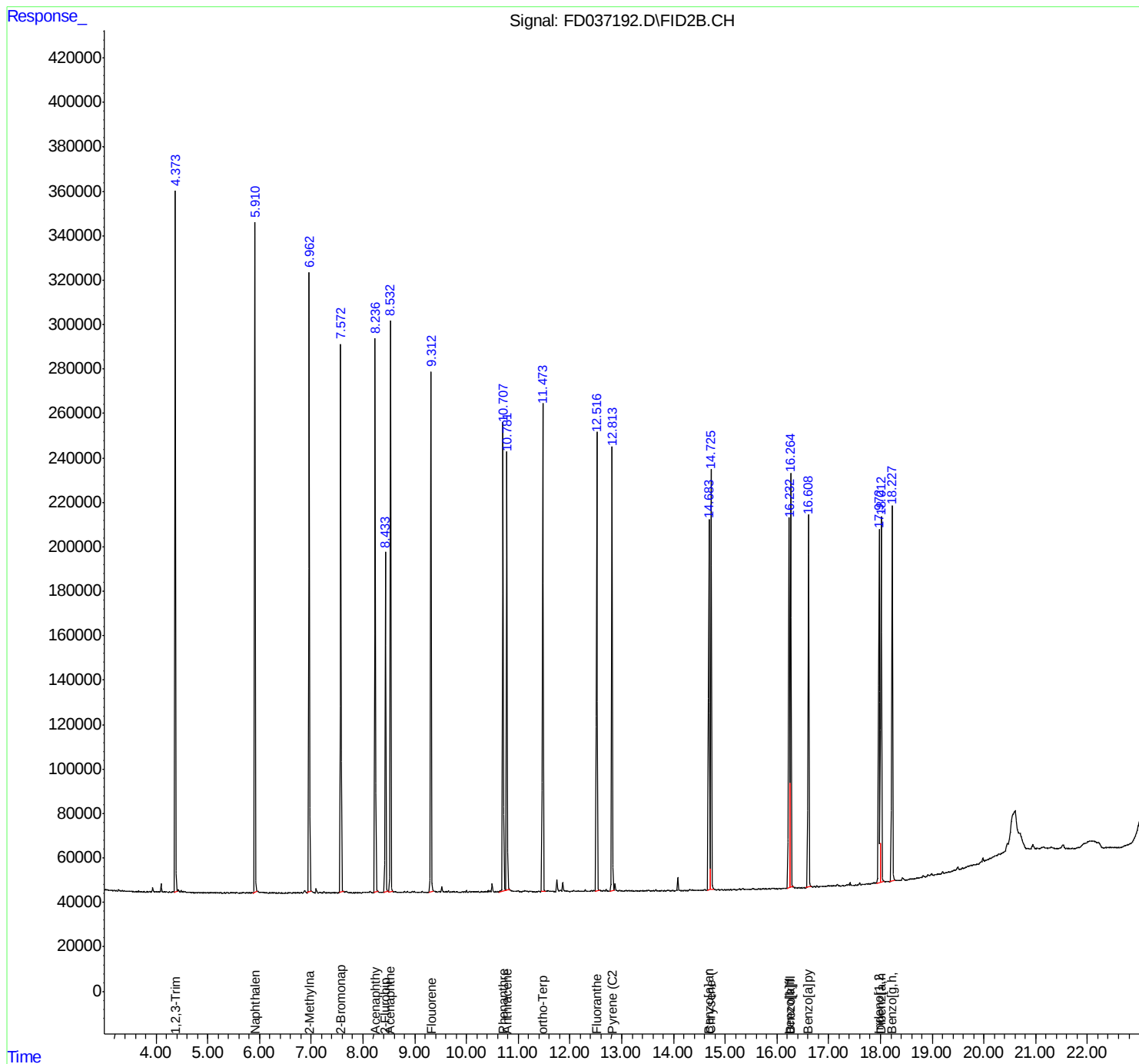
(m)=manual int.

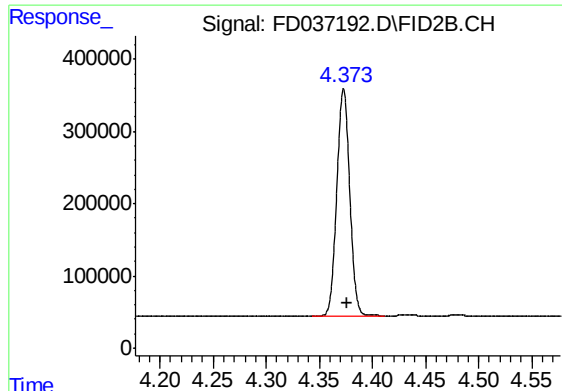
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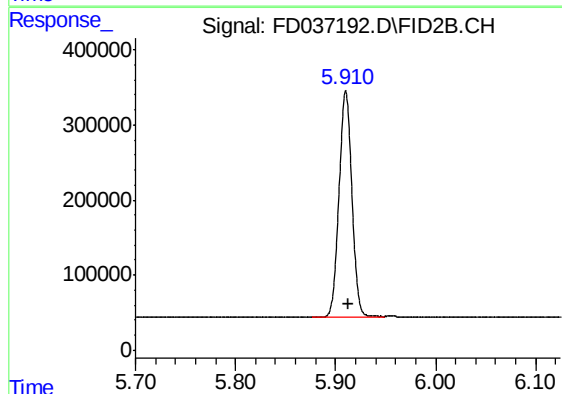




#1 1,2,3-Trimethylbenzene (C10.1)

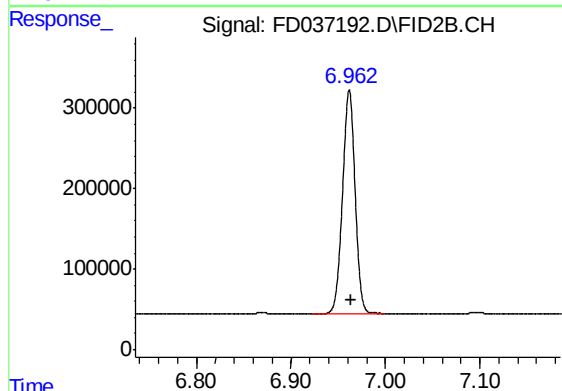
R.T.: 4.373 min
Delta R.T.: -0.003 min
Response: 2651414
Conc: 19.94 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



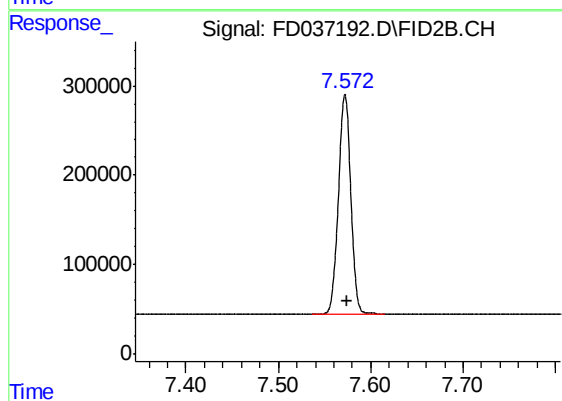
#2 Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 2674220
Conc: 19.45 ug/ml



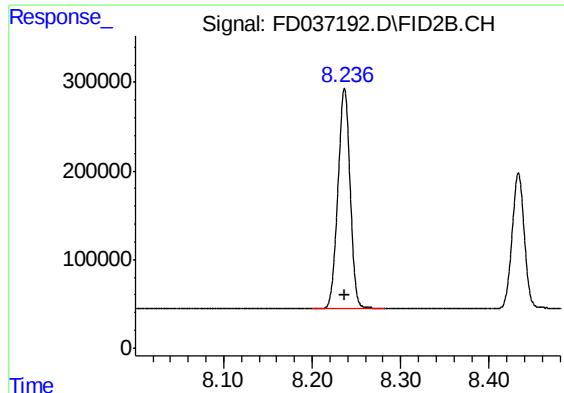
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.962 min
Delta R.T.: -0.001 min
Response: 2579932
Conc: 19.24 ug/ml



#4 2-Bromonaphthalene (SURR)

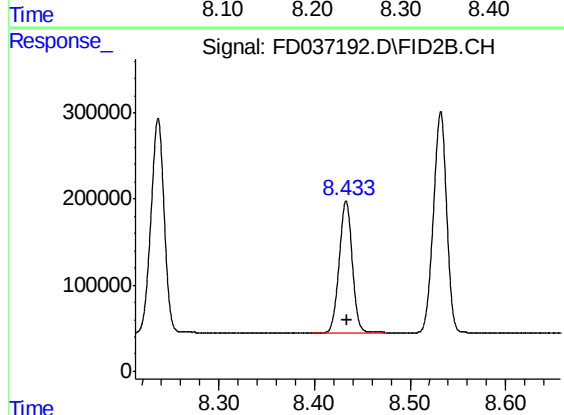
R.T.: 7.572 min
Delta R.T.: -0.002 min
Response: 2279962
Conc: 19.28 ug/ml



#5 Acenaphthylene (C15.06)

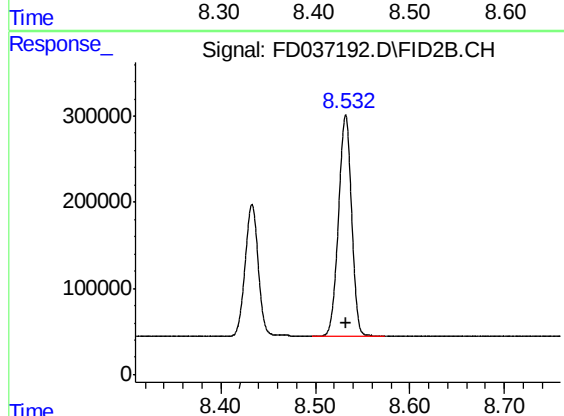
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 2375581
Conc: 18.99 ug/ml

Instrument :
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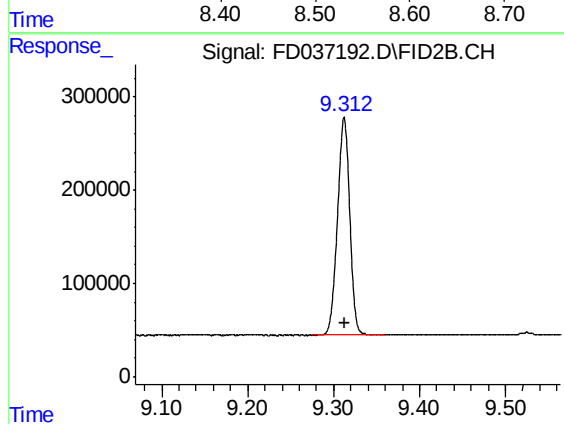
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.433 min
Delta R.T.: -0.001 min
Response: 1458567
Conc: 18.90 ug/ml



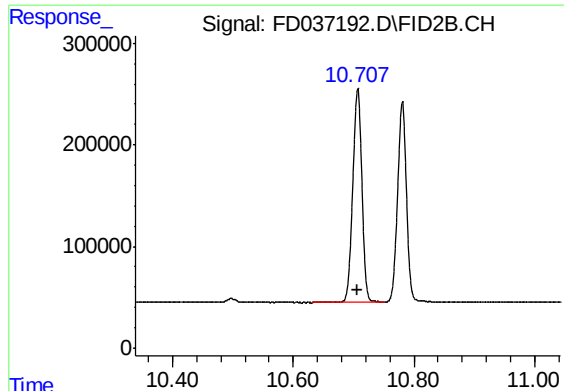
#7 Acenaphthene (C15.5)

R.T.: 8.532 min
Delta R.T.: 0.000 min
Response: 2452594
Conc: 18.98 ug/ml



#8 Flouorene (C16.55)

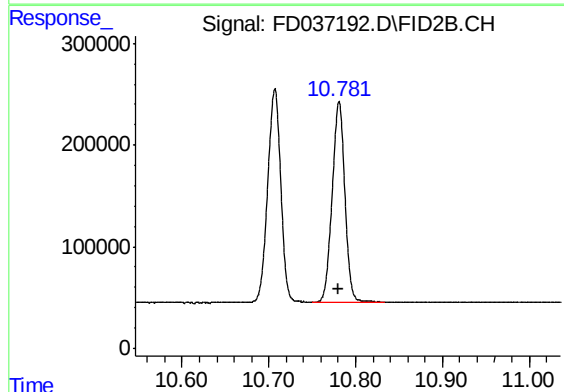
R.T.: 9.312 min
Delta R.T.: 0.000 min
Response: 2308021
Conc: 18.84 ug/ml



#9 Phenanthrene (C19.36)

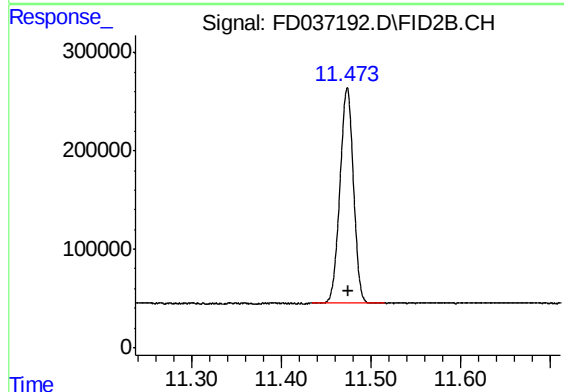
R.T.: 10.707 min
Delta R.T.: 0.000 min
Response: 2209436
Conc: 18.74 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



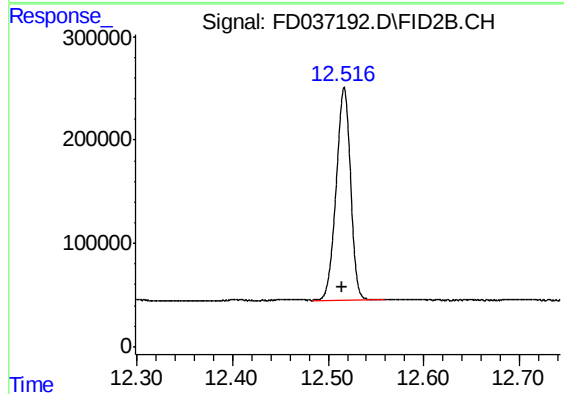
#10 Anthracene (C19.43)

R.T.: 10.781 min
Delta R.T.: 0.001 min
Response: 1997743
Conc: 17.34 ug/ml



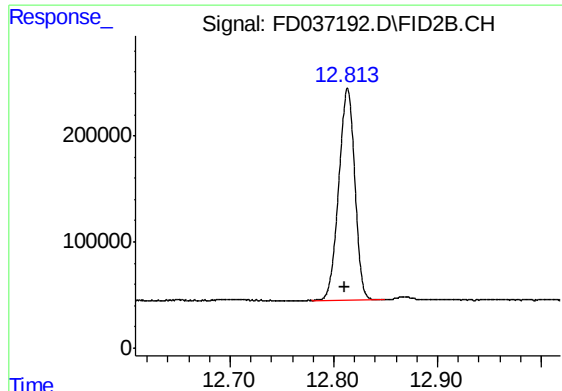
#11 ortho-Terphenyl (SURRE)

R.T.: 11.473 min
Delta R.T.: -0.001 min
Response: 2297362
Conc: 18.60 ug/ml



#12 Fluoranthene (C21.85)

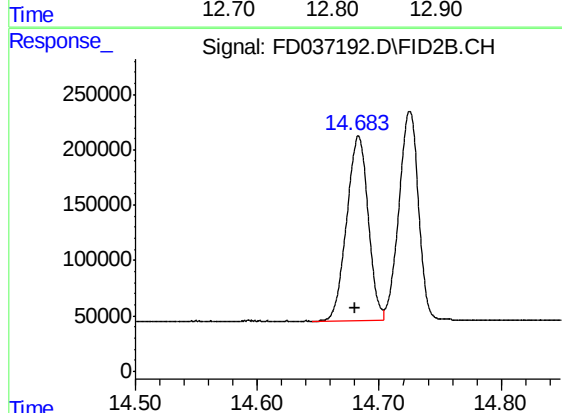
R.T.: 12.517 min
Delta R.T.: 0.001 min
Response: 2166147
Conc: 18.57 ug/ml



#13 Pyrene (C20.8)

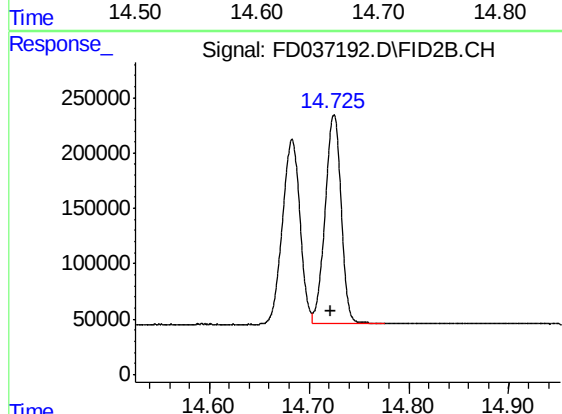
R.T.: 12.813 min
Delta R.T.: 0.002 min
Response: 2141528
Conc: 18.60 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



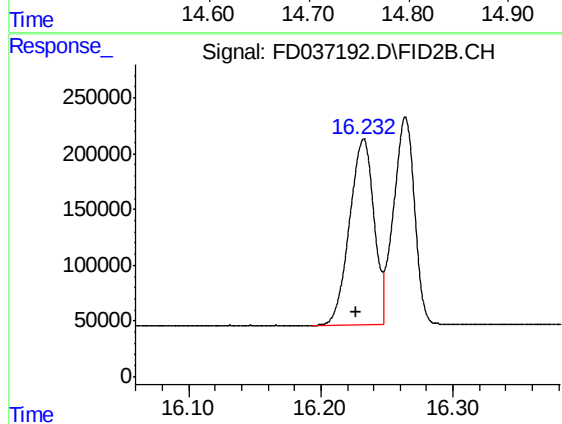
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.683 min
Delta R.T.: 0.003 min
Response: 2046459
Conc: 18.59 ug/ml



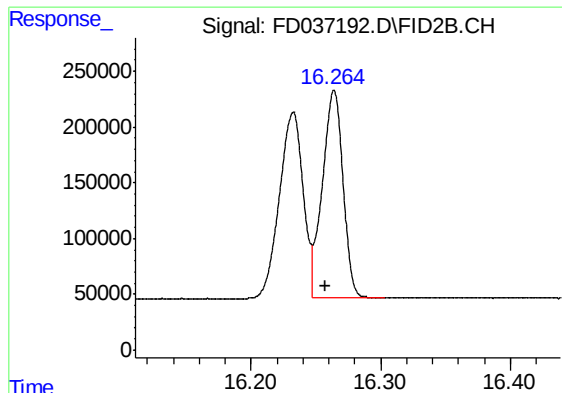
#15 Chrysene (C27.41)

R.T.: 14.725 min
Delta R.T.: 0.004 min
Response: 2118532
Conc: 18.71 ug/ml



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

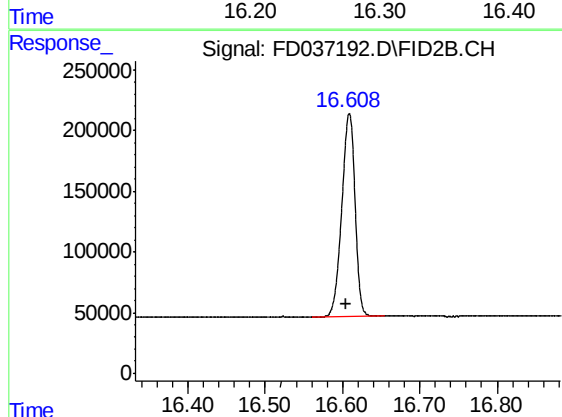
R.T.: 16.232 min
Delta R.T.: 0.006 min
Response: 2138240
Conc: 19.06 ug/ml



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

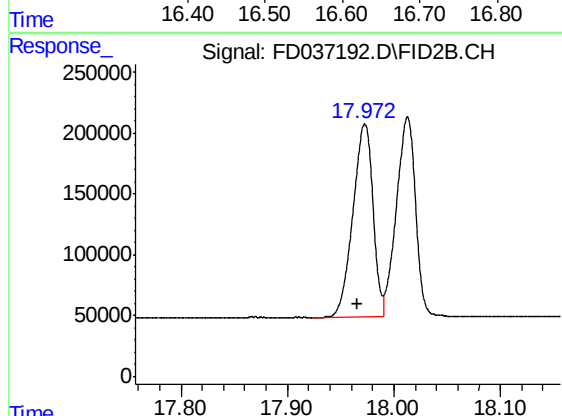
R.T.: 16.264 min
Delta R.T.: 0.006 min
Response: 2070135
Conc: 19.22 ug/ml

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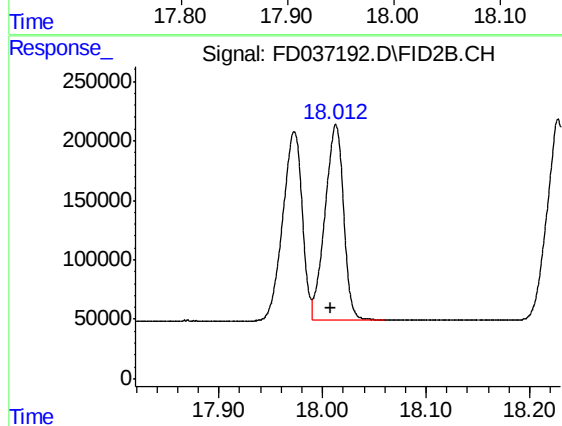
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.609 min
Delta R.T.: 0.004 min
Response: 1977141
Conc: 19.10 ug/ml



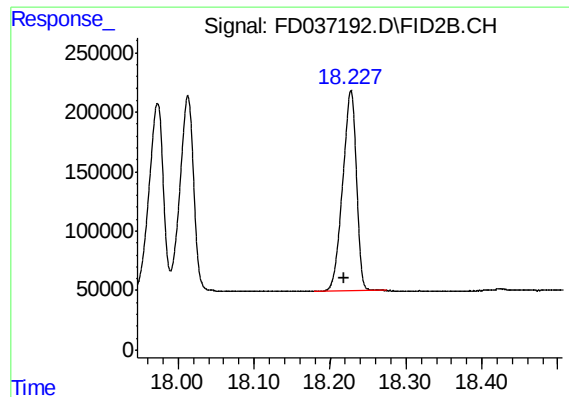
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.973 min
Delta R.T.: 0.007 min
Response: 2072512
Conc: 19.48 ug/ml



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

R.T.: 18.013 min
Delta R.T.: 0.006 min
Response: 2055817
Conc: 19.68 ug/ml



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

R.T.: 18.228 min
Delta R.T.: 0.010 min
Response: 2118641
Conc: 19.84 ug/ml

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