

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042721AR\
 Data File : FD037204.D
 Signal(s) : FID2B.CH
 Acq On : 28 Apr 2021 8:31
 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 09:17:19 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...	7.574	2302343	19.472 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
6) S 2-Fluorobiphenyl (SURR)	8.436	1474718	19.112 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.22%
11) S ortho-Terphenyl (SURR)	11.475	2330765	18.870 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.374	2650370	19.931 ug/ml
2) T Naphthalene (C11.7)	5.912	2689594	19.565 ug/ml
3) T 2-Methylnaphthalene (...)	6.964	2603268	19.413 ug/ml
5) T Acenaphthylene (C15.06)	8.239	2397980	19.171 ug/ml
7) T Acenaphthene (C15.5)	8.534	2475358	19.155 ug/ml
8) T Fluorene (C16.55)	9.314	2334833	19.061 ug/ml
9) T Phenanthrene (C19.36)	10.709	2242315	19.022 ug/ml
10) T Anthracene (C19.43)	10.784	2035681	17.673 ug/ml
12) T Fluoranthene (C21.85)	12.520	2196261	18.831 ug/ml
13) T Pyrene (C20.8)	12.816	2172046	18.867 ug/ml
14) T Benzo[a]anthracene (C...	14.686	2079247	18.892 ug/ml
15) T Chrysene (C27.41)	14.728	2156015	19.046 ug/ml
16) T benzo[b]fluoranthene ...	16.236	2172796	19.371 ug/ml
17) T Bnezo[k]fluoranthene ...	16.268	2094892	19.450 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.612	2006144	19.383 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.978	2102307	19.763 ug/ml
20) T Dibenz[a,h]anthracene...	18.016	2095295	20.054 ug/ml
21) T Benzo[g,h,i]perylene ...	18.233	2140485	20.040 ug/ml

(f)=RT Delta > 1/2 Window

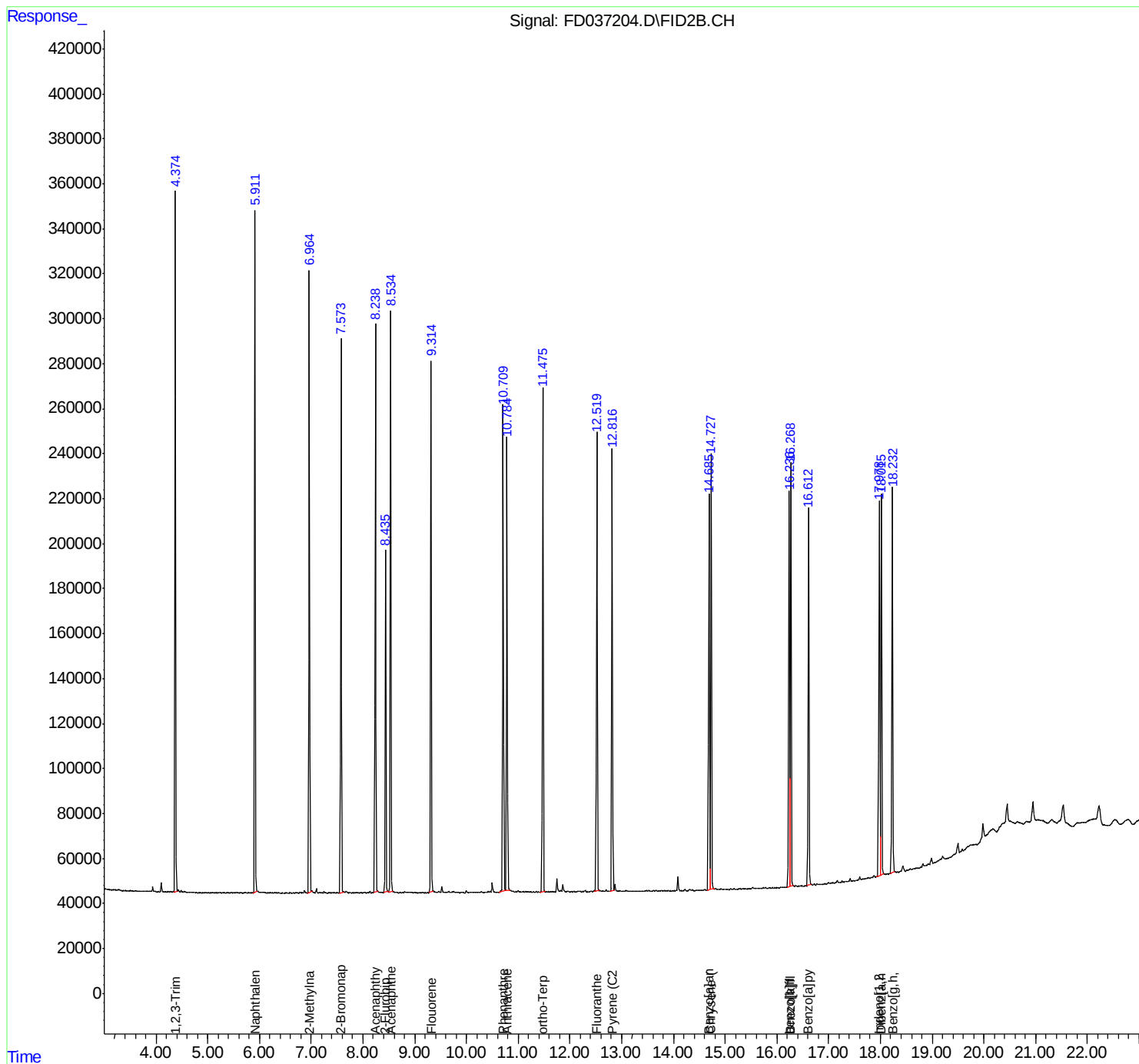
(m)=manual int.

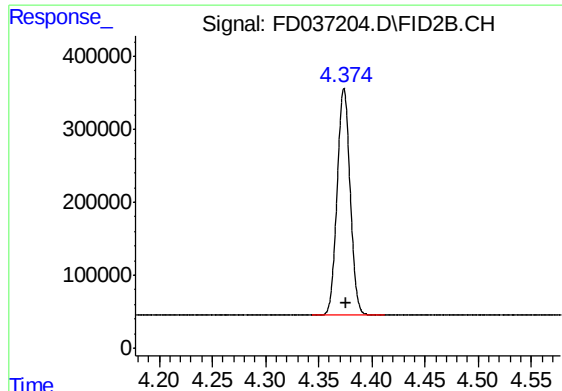
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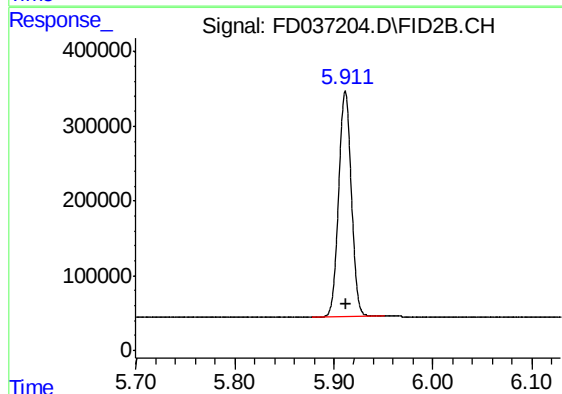




#1 1,2,3-Trimethylbenzene (C10.1)

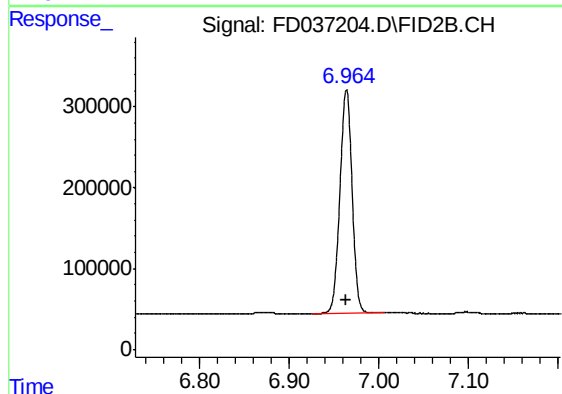
R.T.: 4.374 min
Delta R.T.: -0.002 min
Response: 2650370
Conc: 19.93 ug/ml

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20 PPM AROMATIC HC STD



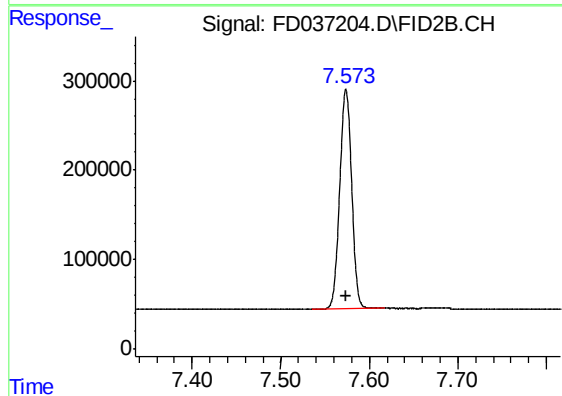
#2 Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 2689594
Conc: 19.57 ug/ml



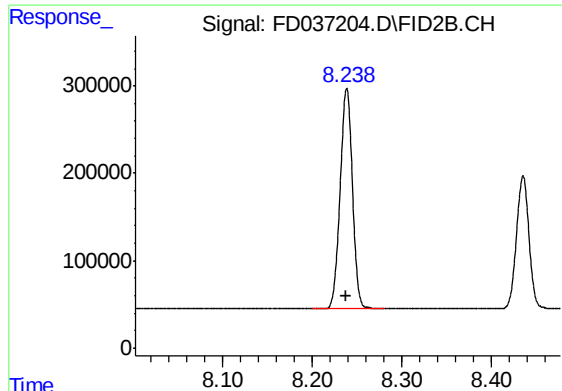
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 2603268
Conc: 19.41 ug/ml



#4 2-Bromonaphthalene (SURR)

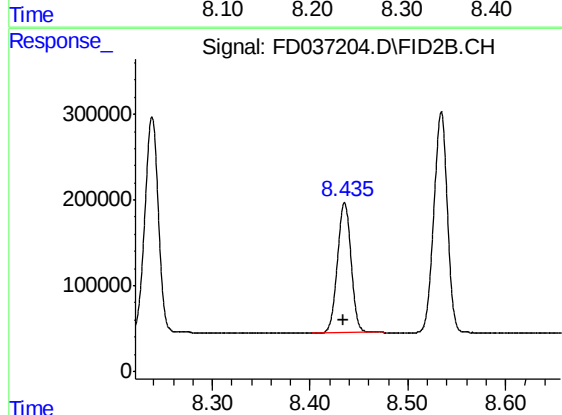
R.T.: 7.574 min
Delta R.T.: 0.000 min
Response: 2302343
Conc: 19.47 ug/ml



#5 Acenaphthylene (C15.06)

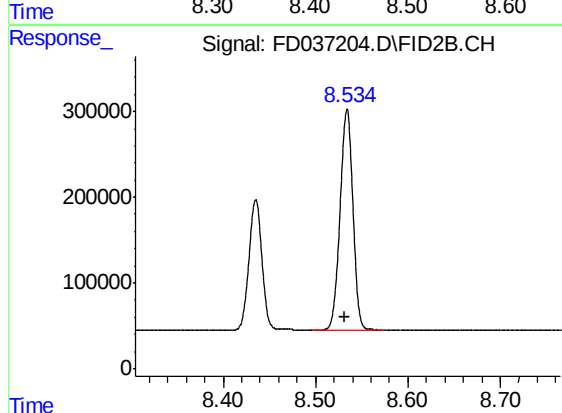
R.T.: 8.239 min
Delta R.T.: 0.001 min
Response: 2397980
Conc: 19.17 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



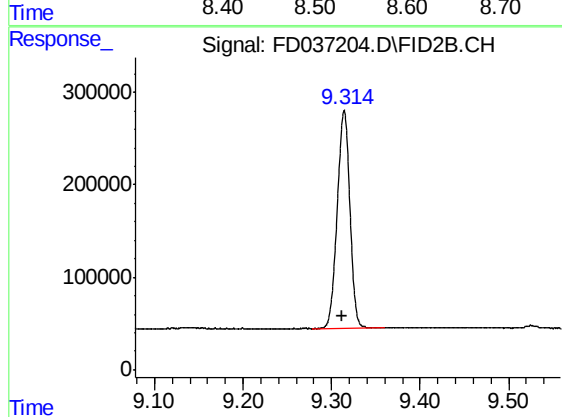
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.436 min
Delta R.T.: 0.001 min
Response: 1474718
Conc: 19.11 ug/ml



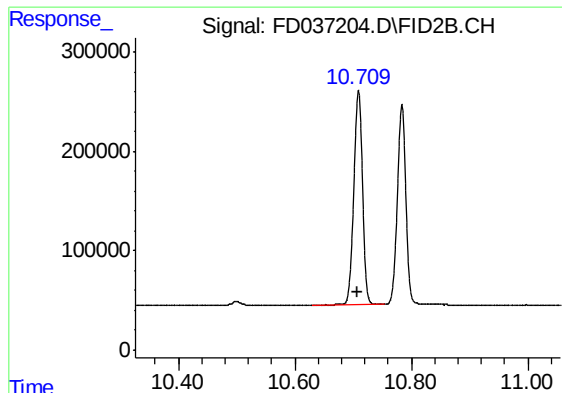
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: 0.002 min
Response: 2475358
Conc: 19.16 ug/ml



#8 Fluorene (C16.55)

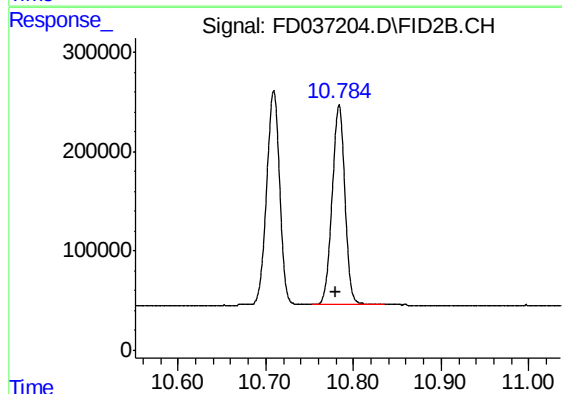
R.T.: 9.314 min
Delta R.T.: 0.002 min
Response: 2334833
Conc: 19.06 ug/ml



#9 Phenanthrene (C19.36)

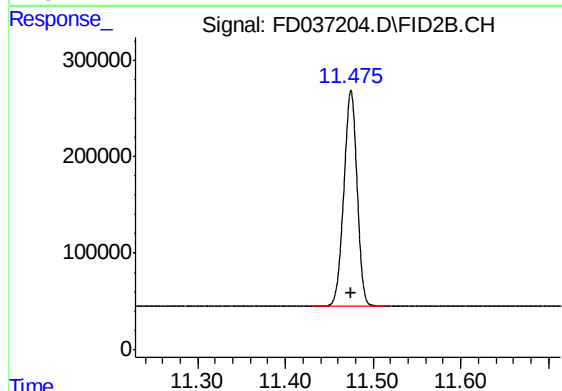
R.T.: 10.709 min
Delta R.T.: 0.003 min
Response: 2242315
Conc: 19.02 ug/ml

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20 PPM AROMATIC HC STD



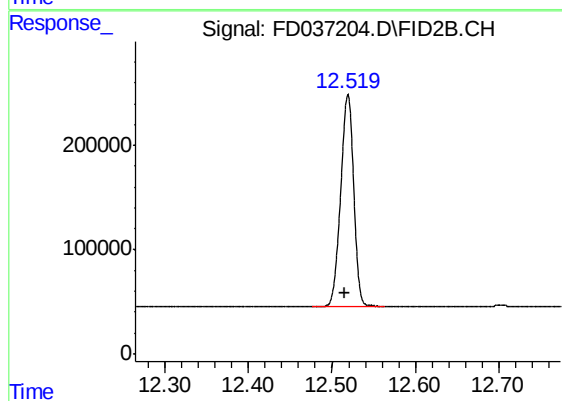
#10 Anthracene (C19.43)

R.T.: 10.784 min
Delta R.T.: 0.004 min
Response: 2035681
Conc: 17.67 ug/ml



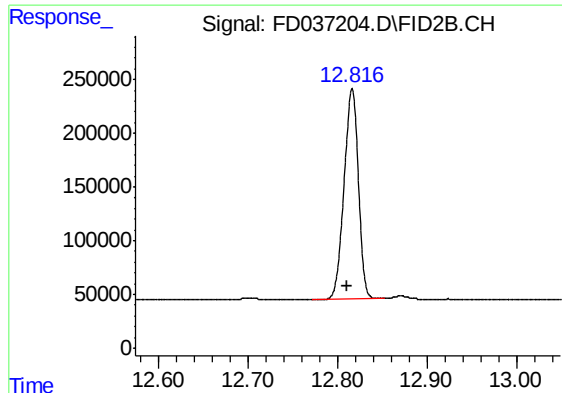
#11 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: 0.000 min
Response: 2330765
Conc: 18.87 ug/ml



#12 Fluoranthene (C21.85)

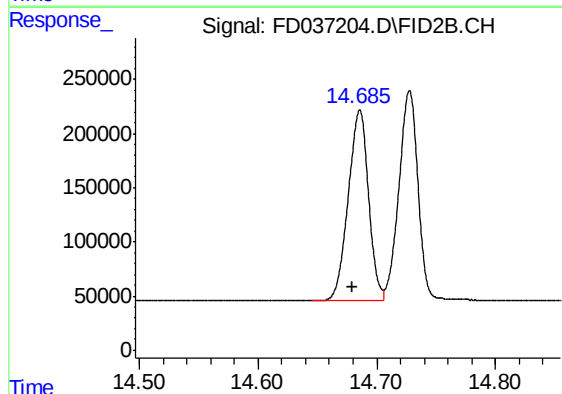
R.T.: 12.520 min
Delta R.T.: 0.004 min
Response: 2196261
Conc: 18.83 ug/ml



#13 Pyrene (C20.8)

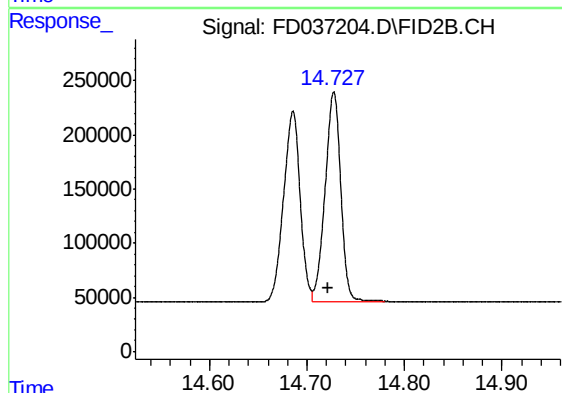
R.T.: 12.816 min
Delta R.T.: 0.005 min
Response: 2172046
Conc: 18.87 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



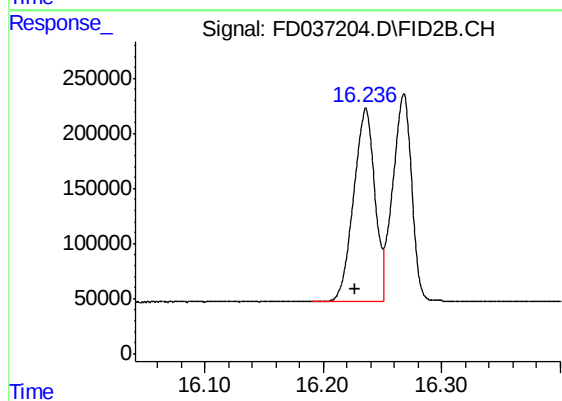
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.686 min
Delta R.T.: 0.006 min
Response: 2079247
Conc: 18.89 ug/ml



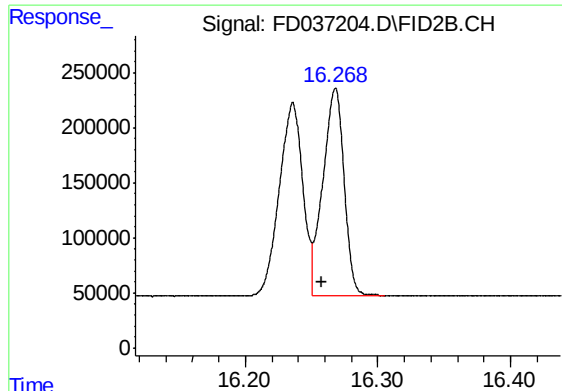
#15 Chrysene (C27.41)

R.T.: 14.728 min
Delta R.T.: 0.006 min
Response: 2156015
Conc: 19.05 ug/ml



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

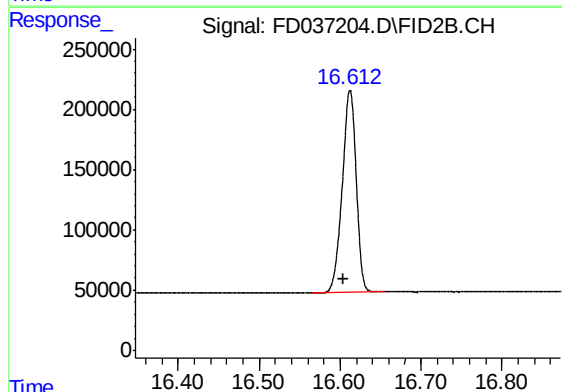
R.T.: 16.236 min
Delta R.T.: 0.009 min
Response: 2172796
Conc: 19.37 ug/ml



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

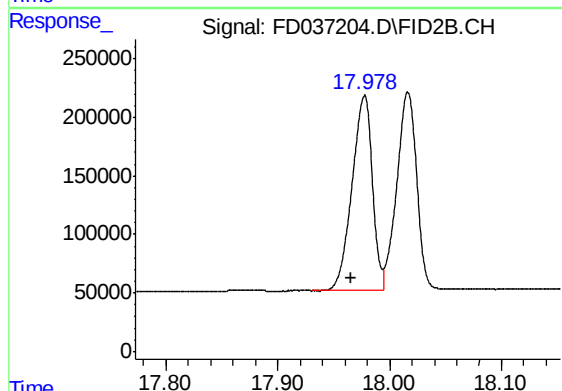
R.T.: 16.268 min
Delta R.T.: 0.010 min
Response: 2094892
Conc: 19.45 ug/ml

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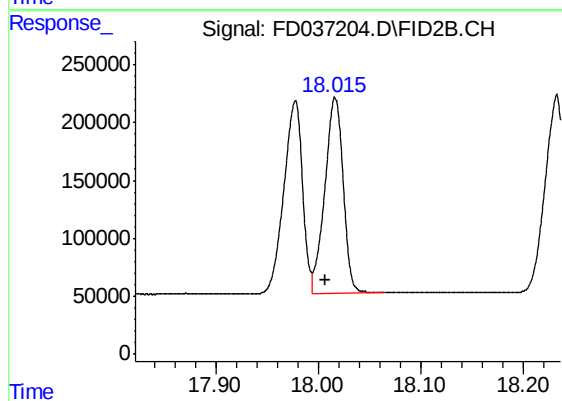
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.612 min
Delta R.T.: 0.008 min
Response: 2006144
Conc: 19.38 ug/ml



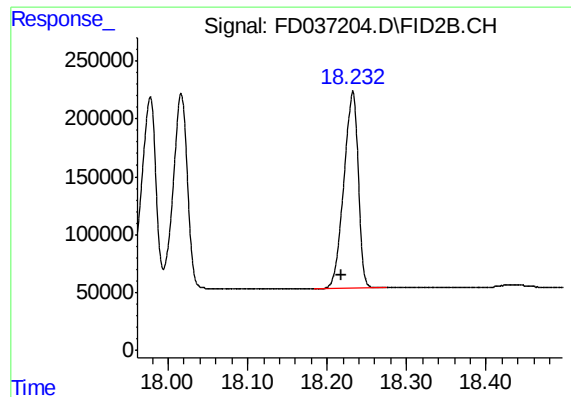
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.978 min
Delta R.T.: 0.012 min
Response: 2102307
Conc: 19.76 ug/ml



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

R.T.: 18.016 min
Delta R.T.: 0.009 min
Response: 2095295
Conc: 20.05 ug/ml



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

R.T.: 18.233 min
Delta R.T.: 0.015 min
Response: 2140485
Conc: 20.04 ug/ml

Instrument :
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