

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020419AR\
 Data File : FD027560.D
 Signal(s) : FID2B.CH
 Acq On : 04 Feb 2019 23:24
 Operator : AJ\SJ
 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: Feb 05 01:08:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 2019
 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...	7.344	1384429	18.648 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
6) S 2-Fluorobiphenyl (SURR)	8.193	952908	18.729 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.46%
11) S ortho-Terphenyl (SURR)	11.232	1604235	18.097 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.153	1470975	18.612 ug/ml
2) T Naphthalene (C11.7)	5.681	1579716	18.559 ug/ml
3) T 2-Methylnaphthalene (...)	6.731	1569795	18.607 ug/ml
5) T Acenaphthylene (C15.06)	7.997	1565296	18.695 ug/ml
7) T Acenaphthene (C15.5)	8.292	1635844	18.611 ug/ml
8) T Fluorene (C16.55)	9.070	1617684	18.549 ug/ml
9) T Phenanthrene (C19.36)	10.456	1626478	18.516 ug/ml
10) T Anthracene (C19.43)	10.531	1594682	18.455 ug/ml
12) T Fluoranthene (C21.85)	12.258	1649406	18.424 ug/ml
13) T Pyrene (C20.8)	12.552	1657800	18.682 ug/ml
14) T Benzo[a]anthracene (C...	14.419	1664945	18.620 ug/ml
15) T Chrysene (C27.41)	14.460	1690574	18.616 ug/ml
16) T benzo[b]fluoranthene ...	15.963	1846021	18.901 ug/ml
17) T Bnezo[k]fluoranthene ...	15.993	1860987	18.821 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.336	1870268	19.128 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	1895568	19.115 ug/ml
20) T Dibenz[a,h]anthracene...	17.740	1875646	19.069 ug/ml
21) T Benzo[g,h,i]perylene ...	17.949	1946762	19.203 ug/ml

(f)=RT Delta > 1/2 Window

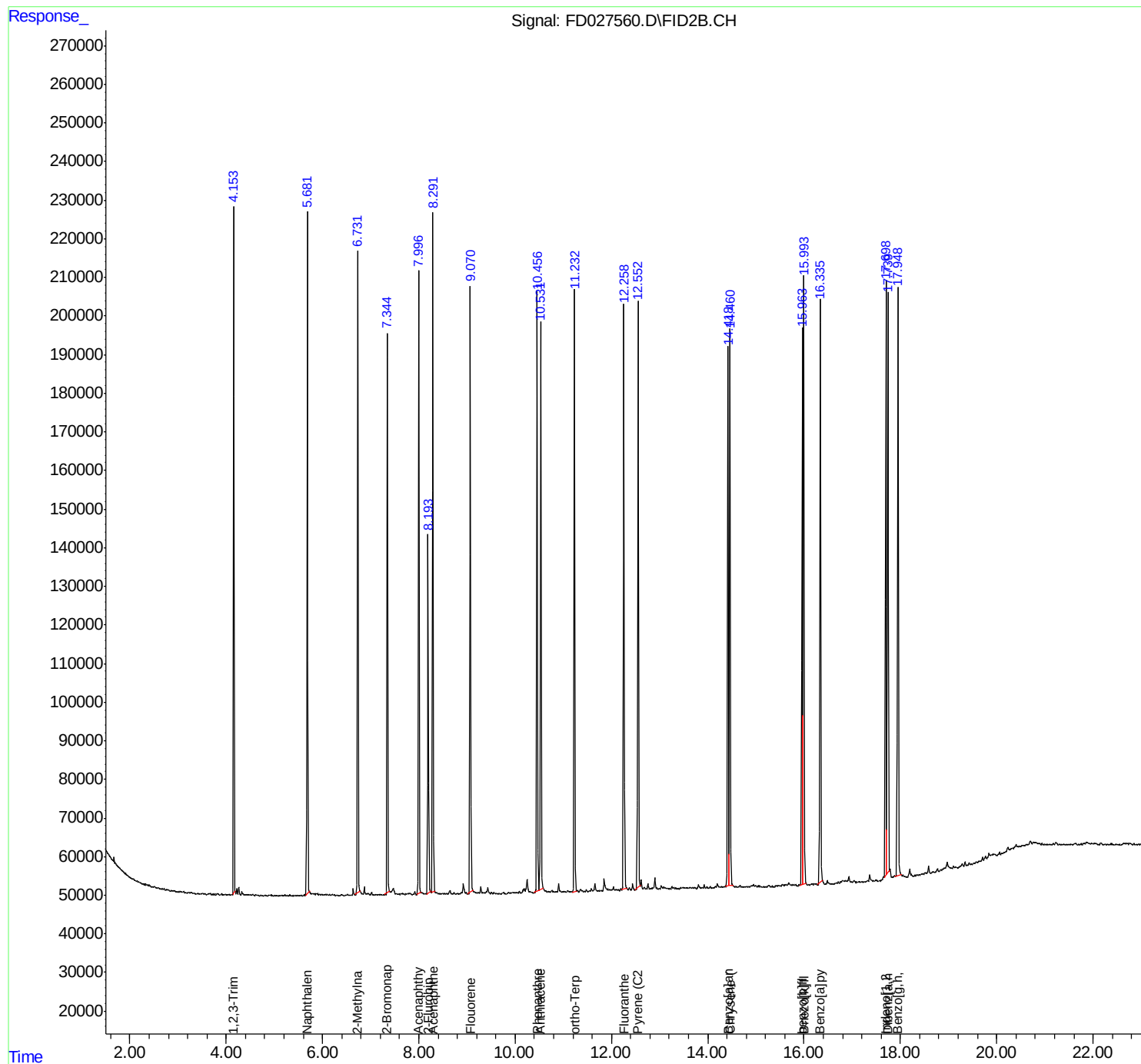
(m)=manual int.

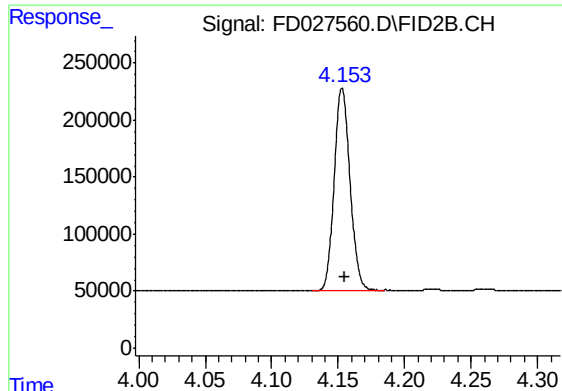
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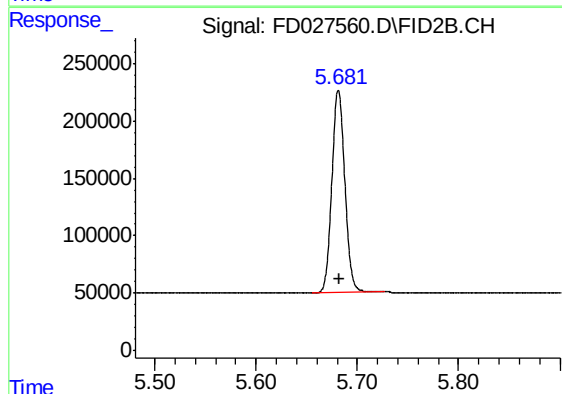




#1 1,2,3-Trimethylbenzene (C10.1)

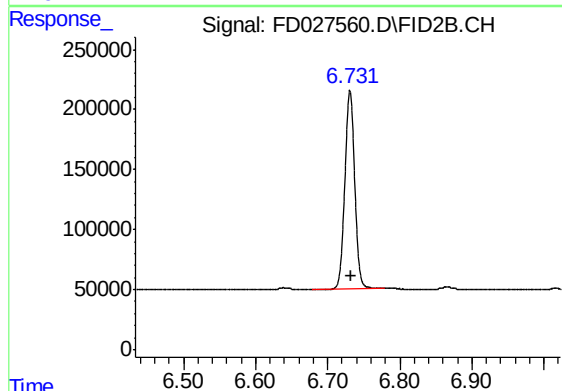
R.T.: 4.153 min
Delta R.T.: -0.002 min
Response: 1470975
Conc: 18.61 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



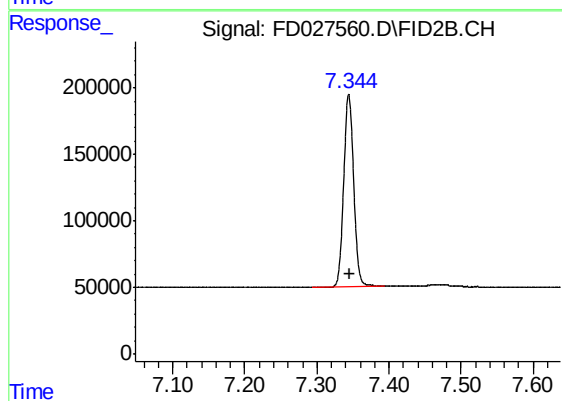
#2 Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 1579716
Conc: 18.56 ug/ml



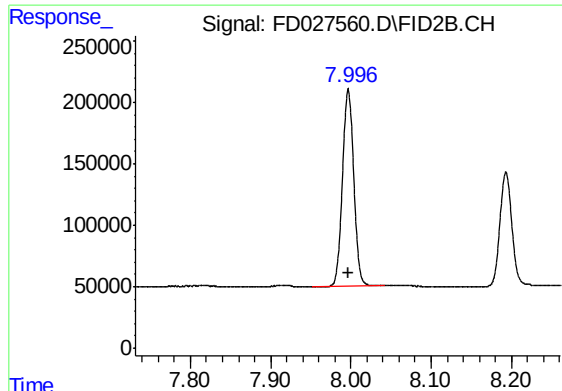
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 1569795
Conc: 18.61 ug/ml



#4 2-Bromonaphthalene (SURR)

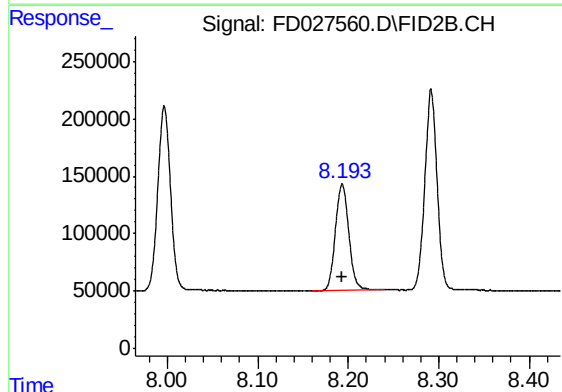
R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 1384429
Conc: 18.65 ug/ml



#5 Acenaphthylene (C15.06)

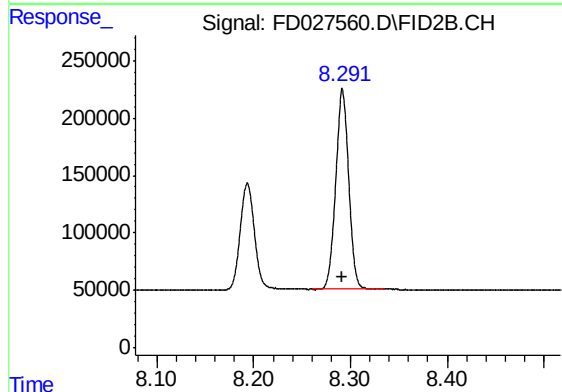
R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 1565296
Conc: 18.69 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



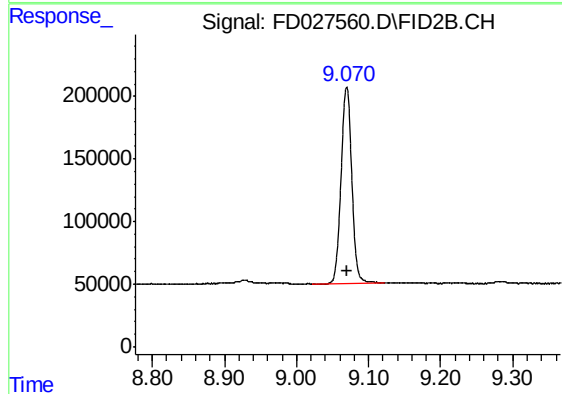
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 952908
Conc: 18.73 ug/ml



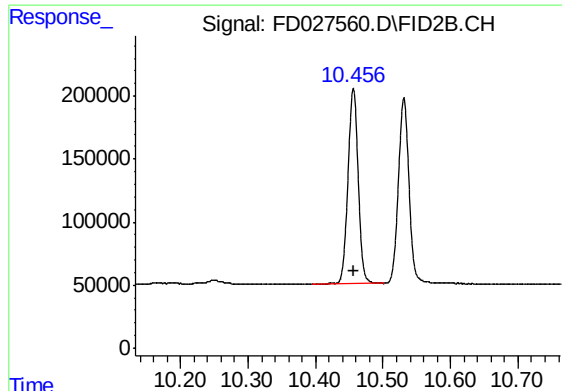
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 1635844
Conc: 18.61 ug/ml



#8 Fluorene (C16.55)

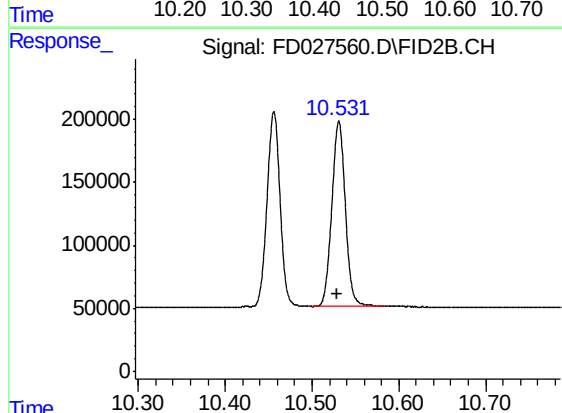
R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 1617684
Conc: 18.55 ug/ml



#9 Phenanthrene (C19.36)

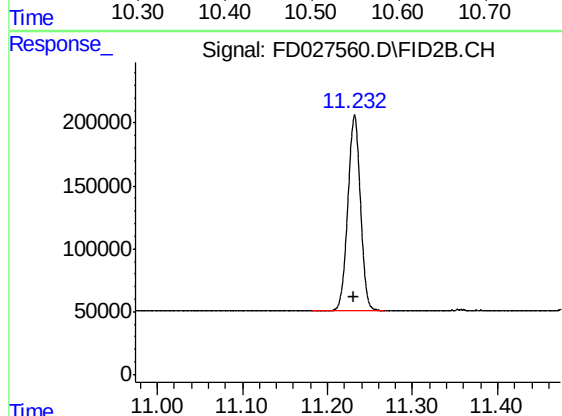
R.T.: 10.456 min
Delta R.T.: 0.000 min
Response: 1626478
Conc: 18.52 ug/ml

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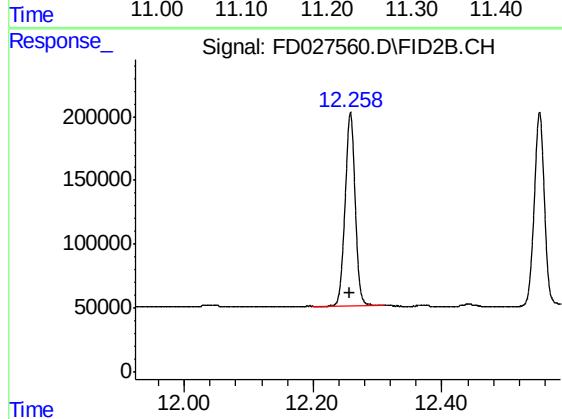
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: 0.002 min
Response: 1594682
Conc: 18.46 ug/ml



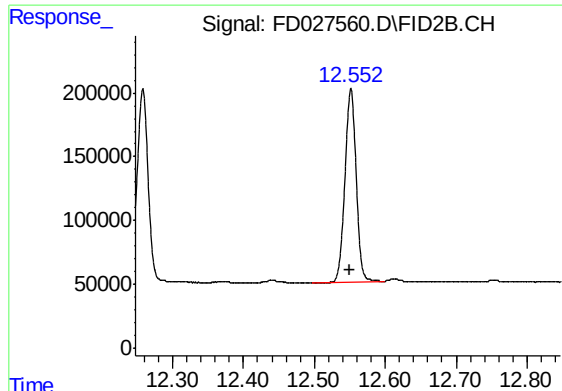
#11 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: 0.001 min
Response: 1604235
Conc: 18.10 ug/ml



#12 Fluoranthene (C21.85)

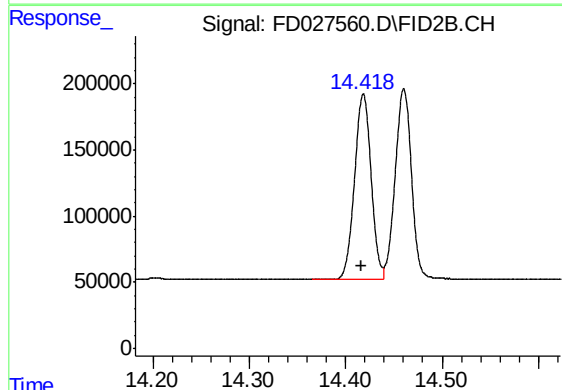
R.T.: 12.258 min
Delta R.T.: 0.001 min
Response: 1649406
Conc: 18.42 ug/ml



#13 Pyrene (C20.8)

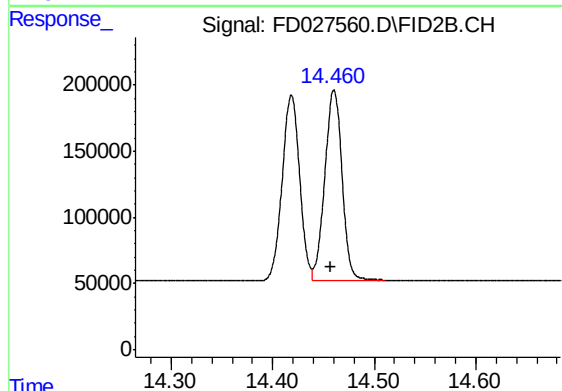
R.T.: 12.552 min
Delta R.T.: 0.001 min
Response: 1657800
Conc: 18.68 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



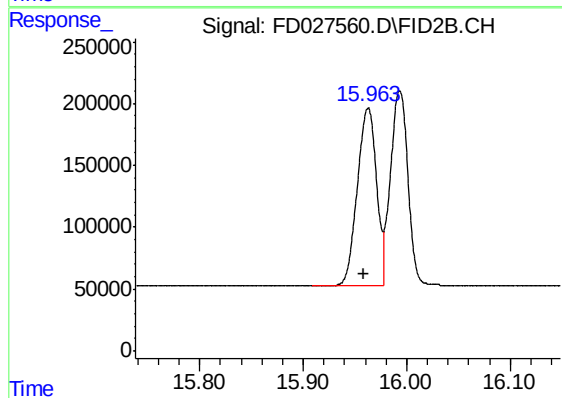
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.419 min
Delta R.T.: 0.003 min
Response: 1664945
Conc: 18.62 ug/ml



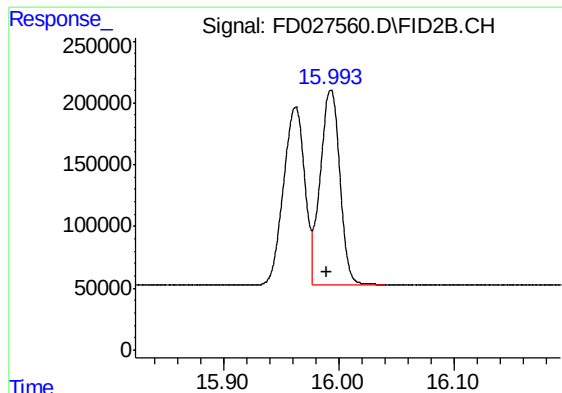
#15 Chrysene (C27.41)

R.T.: 14.460 min
Delta R.T.: 0.003 min
Response: 1690574
Conc: 18.62 ug/ml



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

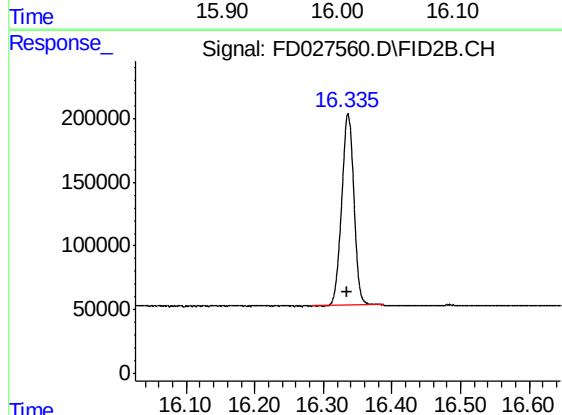
R.T.: 15.963 min
Delta R.T.: 0.005 min
Response: 1846021
Conc: 18.90 ug/ml



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

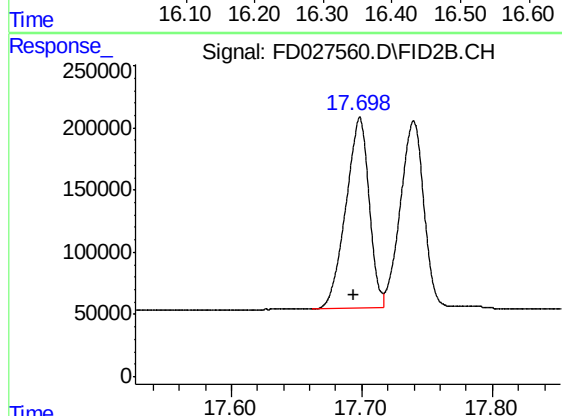
R.T.: 15.993 min
Delta R.T.: 0.004 min
Response: 1860987
Conc: 18.82 ug/ml

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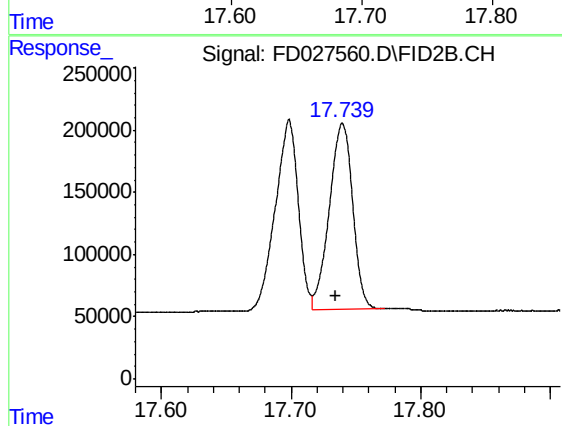
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.336 min
Delta R.T.: 0.001 min
Response: 1870268
Conc: 19.13 ug/ml



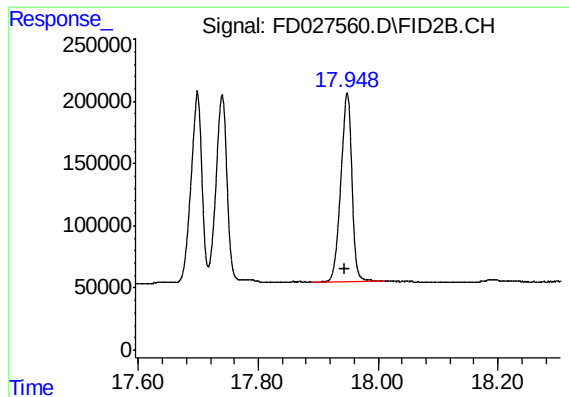
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.699 min
Delta R.T.: 0.005 min
Response: 1895568
Conc: 19.11 ug/ml



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

R.T.: 17.740 min
Delta R.T.: 0.005 min
Response: 1875646
Conc: 19.07 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.005 min
Response: 1946762
Conc: 19.20 ug/ml

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